

LENNTECH
WATER TREATMENT Solutions



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SPECIFICATION: DS (Sump Pump)**50 Hz**

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DS				
PUMP	Liquid Handled	Type of liquid		Dirty water
		Max Temp. [°C]		40°
		Max solids size [mm]	5	(50DS)
			6	(65DS)
			7	(80DS)
	8		(100DS)	
	Max fibers length [mm]		50	
	Submergence	Max [m]	3 (1.5 kW) 7 (2.2÷7.5 kW)	
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension	
	Construction	Impeller		Semi - open (with strainer)
		Shaft seal type		Oil lubricated, single spring double mechanical seal
	Connection	Suction		Strainer
		Discharge [inch] [mm]	G1½ UNI ISO 228 (50DS 1.5 kW) DN 50, 65, 80, 100 PN 10 according to EN 1092-2	
	Materials	Casing		Cast iron
		Impeller		Cast iron
		Suction Cover		Stainless Steel (1.5 kW) Cast iron (2.2÷7.5 kW)
		Shaft		Aisi 403
Motor frame		Cast iron		
Fasteners		Aisi 304		
Mechanical seal		SiC/SiC/NBR Impeller side Carbon/Ceramic/NBR Motor side Lubricant: Turbine Oil VG32 (SAE 10W/20W)		
Accessories	Standard		Screwed flange oval type (1.5 kW). Discharge elbow (2.2÷7.5 kW).	
	Optional		Quick Discharge Connector (QDC): LS, LM, LL type	
Applicable standard of test			ISO 9906 Annex A	
MOTOR	Type		Three Phase air filled dry submersible	
	No. of Poles		2	
	Rotation speed [min ⁻¹]		~ 2850	
	Insulation Class		F	
	Protection degree		IP 68	
	Power Rating [kW]		1.5 ÷ 7.5	
	Frequency [Hz]		50 ±1%	
	Voltage [V]		380-415 ±10%	
	Starting		DOL	
	Over load protection		Built in	
	Cable	material		H07RN-F
		length [m]		6 (up to 1.5 kW), 10 (2.2 kW and above)
	Bearings			Permanently lubricated sealed ball bearings

SPECIFICATION: DSF (Sump Pump)**50 Hz**

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DSF				
PUMP	Liquid Handled	Type of liquid	Dirty water	
		Max Temp. [°C]	< 40°	
		Max solids size [mm]	6 7 40DSF56T2AG	
	Submergence	Max [m]	20	
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension	
	Construction	Impeller	Drainage	
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal	
	Connection	Suction	-	
		Discharge [mm] (*According to EN 1092-2)	DN40*	
	Materials	Casing	Cast iron EN-GJL-250	
		Impeller	Cast-iron GS400	
		Suction Cover	Cast iron EN-GJL-250	
		Shaft	Stainless Steel AISI 420B/431	
		Motor frame	Cast iron EN-GJL-250	
		Fasteners	A2 class - AISI 304	
	Mechanical seal		SiC NBR Nitrile Lubricant: AGIP ITE 360	Impeller side Motor side O-rings and lip seal
	Accessories	Optional	Screwed flange square type (up to DN 40 discharge) Discharge threaded elbow (up to DN 40 discharge) Quick Discharge Connector (QDC): PA type	
	Applicable standard of test		ISO 9906 Annex A	
MOTOR	Type		Single Phase	Three Phase
			Dry motor, cooled by surrounding liquid	
	No. of Poles		2	
	Rotation speed	[min ⁻¹]	2850	
	Insulation Class		H	
	Protection degree		IP 68	
	Power Rating	[kW]	1.5 ÷ 1.9	6.0
	Frequency	[Hz]	50	-5/+3 %
	Voltage	[V]	230 ±10%	400/690 ±10%
	Starting		DOL	DOL - Y/Δ
	Over load protection		Yes	Yes
	Humidity probe		-	Yes
	Floating switch		Yes	-
	Cable	material	H07RN-F	
		length [m]	10	
		size [mm ²]	3G1.5	12G1.5
	Bearings		Life lubricated, maintenance free	

SPECIFICATION: DVS (Semi-Vortex Pump)**50 Hz**

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DVS			
PUMP	Liquid Handled	Type of liquid	Water containing foreign matter
		Max Temp. [°C]	40°
		Max solids size [mm]	21 (50DVS) 33 (65DVS & 80DVS 1.5 kW) 41 (65DVS & 80DVS 2.2 - 3.7 kW)
		Max fibers length [mm]	100 (50DVS) 200 (65DVS & 80DVS 1.5 kW) 245 (65DVS & 80DVS 2.2 - 3.7 kW)
	Submergence	Max [m]	3 (1.5 kW) 7 (2.2 ÷ 3.7 kW)
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	Semi – Vortex
		Shaft seal type	Oil lubricated, single spring double mechanical seal
	Connection	Suction	Open
		Discharge [inch] [mm]	G1½ UNI ISO 228 (50DVS 1.5 kW) DN 50, 65, 80 PN 10 according to EN 1092-2
	Materials	Casing	Cast iron
		Impeller	Cast iron
		Shaft	Aisi 403
		Motor frame	Cast iron
		Fasteners	Aisi 304
	Mechanical seal		SiC/SiC/NBR Impeller side Carbon/Ceramic/NBR Motor side Lubricant: Turbine Oil VG32 (SAE 10W/20W)
	Accessories	Standard	Screwed companion oval flange (50 DVS) Discharge elbow (65DVS & 80DVS)
		Optional	Quick Discharge Connector (QDC): LS, LM, type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase air filled dry submersible
	No. of Poles		2
	Rotation speed	[min ⁻¹]	~ 2850
	Insulation Class		F
	Protection degree		IP 68
	Power Rating	[kW]	1.5 ÷ 3.7
	Frequency	[Hz]	50±1%
	Voltage	[V]	380-415 ±10%
	Starting		DOL
	Over load protection		Built in
	Cable	material	H07RN-F
		length [m]	6 (up to 1.5 kW), 10 (2.2 kW and above)
	Bearings		Permanently lubricated sealed ball bearings

SPECIFICATION: DL (Sewage Pump)**50 Hz**

Rev. E

DL						
PUMP	Liquid Handled	Type of liquid		Sewage		
		Max Temp. [°C]		40°		
		Max solids size [mm]	35	(65DL)	76	(200DL up to 22kW)
			50	(80DL, all DLC)	76	(all 30÷44 kW)
			60	(100DL, 100DLB)	82	(250DL up to 22kW)
			70	(150DL up to 22kW)	90	(300DL up to 22kW)
		Max fibers length [mm]	195	(65DL)	500	(200DL up to 22kW)
			240	(80DL, all DLC)	500	(all 30÷44 kW)
	300		(100DL, 100DLB)	550	(250DL up to 22kW)	
	400		(150DL up to 22kW)	600	(300DL up to 22kW)	
	Submergence	Max [m]	7			
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension			
	Construction	Impeller		Non clog, semi-open		
		Shaft seal type		Oil lubricated, single (up to 3.7 kW) or tandem (5.5 kW and above) springs double mechanical seal		
	Connection	Suction		Open		
		Discharge [mm]	Flange DN 65, 80, 100, 150, 200, 250, 300 PN 10 according to EN 1092-2			
	Materials	Casing		Cast iron		
Impeller		Cast iron				
Suction Cover		Cast iron				
Shaft		Aisi 403				
Motor frame		Cast iron				
Fasteners		Aisi 304				
Mechanical seal		SiC/SiC/NBR Impeller side Carbon/Ceramic/NBR Motor side Lubricant: Turbine Oil VG32 (SAE 10W/20W)				
Accessories	Standard		Discharge elbow			
	Optional		Quick Discharge Connector (QDC): LM, LL type			
Applicable standard of test		ISO 9906 Annex A				
MOTOR	Type		Three Phase air filled dry submersible			
	No. of Poles		4			
	Rotation speed [min ⁻¹]		~ 1450			
	Insulation Class		F			
	Protection degree		IP 68			
	Power Rating [kW]		1.5 ÷ 45			
	Frequency [Hz]		50±1%			
	Voltage [V]		380-415 ±10%(1.5÷7.5 kW) 400-415 ±10% (Δ connection 11÷22 kW) 380-415 ±10%(Δ connection 30÷45 kW)			
	Starting		DOL up to 7.5 kW Y/Δ from 11 kW up to 45 kW			
	Over load protection		Built in			
	Cable	material		H07RN-F		
		length [m]	10			
	Bearings		Permanently lubricated sealed ball bearings			

SPECIFICATION: DLW/C (Sewage Pump)**50 Hz**

Rev. E

DLW/C			
PUMP	Liquid Handled	Type of liquid	Sewage
		Max Temp. [°C]	40°
		Max solids size [mm]	35 (65DLW/C) 50 (80DLW/C) 60 (100DLB W/C)
		Max fibers length [mm]	195 (65DLW/C) 240 (80DLW/C) 300 (100DLW/C)
	Submergence	Max [m]	7
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	Non clog, semi-open with cutting action
		Shaft seal type	Oil lubricated, single (up to 3.7 kW) or tandem (5.5 kW and above) springs double mechanical seal
	Connection	Suction	Open
		Discharge [mm]	Flange DN 65, 80, 100 PN 10 according to EN 1092-2
	Materials	Casing	Cast iron
		Impeller	Cast iron
		Suction Cover	Cast iron
		Shaft	Aisi 403
		Motor frame	Cast iron
		Fasteners	Aisi 304
	Mechanical seal		SiC/SiC/NBR Impeller side Carbon/Ceramic/NBR Motor side Lubricant: Turbine Oil VG32 (SAE 10W/20W)
	Accessories	Standard	Discharge elbow
		Optional	Quick Discharge Connector (QDC): LM, LL type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase air filled dry submersible
	No. of Poles		4
	Rotation speed	[min ⁻¹]	~ 1450
	Insulation Class		F
	Protection degree		IP 68
	Power Rating	[kW]	1.5 ÷ 7.5
	Frequency	[Hz]	50±1%
	Voltage	[V]	380-415 ±10%
	Starting		DOL (Direct on line)
	Over load protection		Built in
	Cable	material	H07RN-F
		length [m]	10
	Bearings		Permanently lubricated sealed ball bearings

SPECIFICATION: DML (Sewage Pump)**50 Hz**

Rev. E

DML			
PUMP	Liquid Handled	Type of liquid	Sewage
		Max Temp. [°C]	40°
		Max solids size [mm]	76
		Max fibers length [mm]	500
	Submergence	Max [m]	7
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	Non clog, single channel
		Shaft seal type	Oil lubricated, single spring double mechanical seal
	Connection	Suction	Open
		Discharge [mm]	Flange DN 80, 100, 150 PN 10 according to EN 1092-2
	Materials	Casing	Cast iron
		Impeller	Cast iron
		Suction Cover	Cast iron
		Shaft	Aisi 403
		Motor frame	Cast iron
		Fasteners	Aisi 304
		Mechanical seal	SiC/SiC/NBR Impeller side Carbon/Ceramic/NBR Motor side Lubricant: Turbine Oil VG32 (SAE 10W/20W)
	Accessories	Standard	Discharge elbow
		Optional	Quick Discharge Connector (QDC): LM, LL type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase air filled dry submersible
	No. of Poles		4
	Rotation speed [min ⁻¹]		~ 1450
	Insulation Class		F
	Protection degree		IP 68
	Power Rating [kW]		2.2 ÷ 22
	Frequency [Hz]		50±1%
	Voltage [V]		380-415 -10+6% (2.2 kW) 380-415 ±10% (3.7÷22 kW))
	Starting		DOL 2.2 kW Y/Δ from 3.7 kW up to 22 kW
	Over load protection		Built in motor protector 2.2 kW Built in heat probe from 3.7 kW up to 22 kW
	Cable	material	H07RN-F
		length [m]	10
	Bearings		Permanently lubricated sealed ball bearings

SPECIFICATION: DMLF (Sewage Pump)**50 Hz**

Rev. E

DMLF				
PUMP	Liquid Handled	Type of liquid	Non corrosive dirty waters also with solid bodies in suspension	
		Max Temp.	[°C]	< 40°
		Max solids size	[mm]	30 50DMLF51.4M2BG 40 65DMLF51.5M2AG, 65DMLF51.5M2AG
	Submergence	Max	[m]	20
		Min	[m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	Non clog, single channel	
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip seal	
	Connection	Suction	[mm]	- 50DMLF51.4M2BG 50 65DMLF51.5M2AG, 65DMLF51.5M2AG
		Discharge (*According to EN 1092-2)	[mm]	50 50DMLF51.4M2BG DN65* 65DMLF51.5M2AG, 65DMLF51.5M2AG
	Materials	Casing	Cast iron EN-GJL-250	
		Impeller	Cast-iron EN-GJL-250+Ni	
		Suction Cover	Cast iron EN-GJL-250	
		Shaft	Stainless Steel AISI 420B/431	
		Motor frame	Cast iron EN-GJL-250	
Fasteners		A2 class - AISI 304		
	Mechanical seal	NBR		

SPECIFICATION: DMLV (Sewage Pump)**50 Hz**

Rev. E

DMLV			
PUMP	Liquid Handled	Type of liquid	Sewage
		Max Temp. [°C]	40°
		Max solids size [mm]	80 (80DMLV) 100 (100DMLV)
		Max fibers length [mm]	400 (80DMLV) 500 (100DMLV)
	Submergence	Max [m]	7
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	Vortex
		Shaft seal type	Oil lubricated, single spring double mechanical seal
	Connection	Suction	Open
		Discharge [mm]	Flange DN 80, 100 PN 10 according to EN 1092-2
	Materials	Casing	Cast iron
		Impeller	Cast iron
		Suction Cover	Cast iron
		Shaft	Aisi 403
		Motor frame	Cast iron
		Fasteners	Aisi 304
		Mechanical seal	SiC/SiC/NBR Impeller side Carbon/Ceramic/NBR Motor side Lubricant: Turbine Oil VG32 (SAE 10W/20W)
	Accessories	Standard	Discharge elbow
		Optional	Quick Discharge Connector (QDC): LM, LL type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase air filled dry submersible
	No. of Poles		4
	Rotation speed [min ⁻¹]		~ 1450
	Insulation Class		F
	Protection degree		IP 68
	Power Rating [kW]		2.2 ÷ 22
	Frequency [Hz]		50±1%
	Voltage [V]		380-415 -10+6% (2.2 kW) 380-415 ±10% (3.7÷22 kW))
	Starting		DOL 2.2 kW Y/Δ from 3.7 kW up to 22 kW
	Over load protection		Built in motor protector 2.2 kW Built in heat probe from 3.7 kW up to 22 kW
	Cable	material	H07RN-F
		length [m]	10
	Bearings		Permanently lubricated sealed ball bearings

SPECIFICATION: DMLVF (Sewage Pump)

50 Hz

Rev. E

DMLVF							
PUMP	Liquid Handled	Type of liquid	Sewage				
		Max Temp. [°C]	<40°				
		Max solids size [mm]	30	40DMLVF50.5M2AG	65	65DMLVF51.5M2CG	
			50	50DMLVF51.5M2CG, 50DMLVF51.5M2BG, 50DMLVF51.9M2AG	40x50 80	80DMLVF516.6T2BG**, 80DMLVF518.2T2DG**, 100DMLVF55.2T6BG**	
	Submergence	Max [m]	64	80DMLVF54.9T4AG			
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension				
	Construction	Impeller	Vortex				
		Shaft seal type	Oil lubricated, single spring double mechanical seal				
	Connection	Suction (*According to EN 1092-2)	[mm]	30	40DMLVF50.5M2AG	DN80*	80DMLVF54.9T4AG, 80DMLVF516.6T2BG**
				55	50DMLVF51.5M2CG, 50DMLVF51.5M2BG, 50DMLVF51.9M2AG	DN100* DN125*	80DMLVF518.2T2DG** 100DMLVF55.2T6BG**
		Discharge (*According to EN 1092-2)	[mm]	65	65DMLVF51.5M2CG		
				1"¼ 50	40DMLVF50.5M2AG 50DMLVF51.5M2CG, 50DMLVF51.5M2BG, 50DMLVF51.9M2AG	DN80* DN100*	80DMLVF54.9T4AG, 80DMLVF516.6T2BG**, 80DMLVF518.2T2DG** 100DMLVF55.2T6BG**
	Materials	Casing	Cast iron EN-GJL-250				
		Impeller	Cast-iron EN-GJL-250+Ni				
Suction Cover		Cast iron EN-GJL-250					
Shaft		Stainless Steel AISI 420B/431					
Motor frame		Cast iron EN-GJL-250					
Fasteners		A2 class - AISI 304					
	Mechanical seal	SiC Ceramic/Graphite Nitrile Lubricant: AGIP ITE 360		Impeller side Motor side O-rings and lip seal			
Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type					
Applicable standard of test		ISO 9906 Annex A					
MOTOR	Type	Single Phase		Three Phase			
		Dry motor, cooled by surrounding liquid (**available also with cooling jacket)					
	No. of Poles	2		4	6		
	Rotation speed [min ⁻¹]	2850		1450	950		
	Insulation Class	H					
	Protection degree	IP 68					
	Power Rating [kW]	0.5 ÷ 18.2		4.9	5.2		
	Frequency [Hz]	50 -5/+3 %					
	Voltage [V]	230 ±10%		400/690 ±10%			
	Starting	DOL		DOL - Y/Δ			
	Over load protection	Yes		Yes			
	Humidity probe	No		Yes			
	Floating switch	Up to 1.9 kw		-			
	Cable	material	H07RN-F				
		length [m]	10				
		size [mm]	3G1	40DMLVF50.5M2AG	12G1.5	80DMLVF54.9T4AG	
			3G1.5	50DMLVF51.5M2CG, 50DMLVF51.5M2BG, 50DMLVF51.9M2AG	12G2.5	80DMLVF516.6T2BG, 80DMLVF518.2T2DG, 100DMLVF55.2T6BG	
Bearings		Overdimensioned, life lubricated, maintenance free					

SPECIFICATION: DRS (Sewage Pump)

50 Hz

Rev. E

40DRS				
PUMP	Liquid Handled	Type of liquid	Sewage	
		Max Temp. [°C]	<40°	
		Max solids size [mm]	6 40DRS51.1M2CG, 40DRS51.1M2BG, 40DRS51.1M2AG, 40DRS51.2M2CG, 40DRS51.5M2BG, 40DRS51.9M2AG, 40DRS51.1T2CG, 40DRS51.1T2BG, 40DRS51.4T2AG, 40DRS51.6T2CG, 40DRS51.6T2BG, 40DRS52.4T2AG, 40DRS53.1T2BG, 40DRS53.1T2AG, 40DRS54.2T2CG, 40DRS55T2BG, 40DRS55T2AG.	
	Submergence	Max [m]	20	
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension	
	Construction	Impeller	Grinder	
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal	
	Connection	Suction [mm]	- 40DRS51.1M2CG, 40DRS51.1M2BG, 40DRS51.1M2AG, 40DRS51.2M2CG, 40DRS51.5M2BG, 40DRS51.9M2AG, 40DRS51.1T2CG, 40DRS51.1T2BG, 40DRS51.4T2AG, 40DRS51.6T2CG, 40DRS51.6T2BG, 40DRS52.4T2AG, 40DRS53.1T2BG, 40DRS53.1T2AG, 40DRS54.2T2CG, 40DRS55T2BG, 40DRS55T2AG.	
		Discharge [mm]	40 40DRS51.1M2CG, 40DRS51.1M2BG, 40DRS51.1M2AG, 40DRS51.2M2CG, 40DRS51.5M2BG, 40DRS51.9M2AG, 40DRS51.1T2CG, 40DRS51.1T2BG, 40DRS51.4T2AG, 40DRS51.6T2CG, 40DRS51.6T2BG, 40DRS52.4T2AG, 40DRS53.1T2BG, 40DRS53.1T2AG, 40DRS54.2T2CG, 40DRS55T2BG, 40DRS55T2AG.	
	Materials	Casing	Cast iron EN-GJL-250	
		Impeller	Cast-iron EN-GJS-400	
		Suction Cover	Cast iron EN-GJL-250	
		Shaft	Stainless Steel AISI 420B/431	
		Motor frame	Cast iron EN-GJL-250	
		Fasteners	A2 class - AISI 304	
	Mechanical seal		SiC Ceramic/Graphite Nitrile Lubricant: AGIP ITE 360	Impeller side Motor side O-rings and lip seal
	Accessories		Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type Control Panel with capacitor and disjunctour (only single phase)	
	Standard			
	Applicable standard of test		ISO 9906 Annex A	
MOTOR	Type		Single Phase	Three Phase
			Dry motor, cooled by surrounding liquid	
	No. of Poles		2	
	Rotation speed [min ⁻¹]		2850	
	Insulation Class		H	
	Protection degree		IP 68	
	Power Rating [kW]		1.1 ÷ 5.0	
	Frequency [Hz]		50 -5/+3 %	
	Voltage [V]		230 ±10%	400/690 ±10%
	Starting		DOL	DOL - Y/Δ
	Over load protection		Yes	No Yes 40DRS54.2T2CG, 40DRS55T2BG, 40DRS55T2AG
	Humidity probe		No	No Yes 40DRS54.2T2CG, 40DRS55T2BG, 40DRS55T2AG
	Floating switch		Up to 1.9 kW	-
	Cable	material	Neoprene H07RN/F	
		length [m]	10	
		size [mm]	4G1.5	4G1.5 4G2.5 40DRS53.1T2BG, 40DRS53.1T2AG 12G1.5 40DRS54.2T2CG, 40DRS54.2T2CG, 40DRS55T2AG
	Bearings		Overdimensioned, life lubricated, maintenance free	

SPECIFICATION: DRS (Sewage Pump)

50 Hz

Rev. E

65DRS			
PUMP	Type of liquid	Sewage	
	Max Temp. [°C]	< 40°	
	Max solids size [mm]	8 65DRS57.5T2BG, 65DRS56.5T2CG 10 65DRS59T2DG, 65DRS511T2CG, 65DRS513.8T2BG, 65DRS513.8T2AG, 65DRS514.9T2GG, 65DRS520T2BG, 65DRS522.4T2AG, 65DRS525.1T2AG	
	Submergence	Max [m]	20
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	Grinder
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal
	Connection	Suction [mm]	- 65DRS57.5T2BG, 65DRS56.5T2CG, 65DRS59T2DG, 65DRS511T2CG, 65DRS513.8T2BG, 65DRS513.8T2AG, 65DRS514.9T2GG, 65DRS520T2BG, 65DRS522.4T2AG, 65DRS525.1T2AG
		Discharge [mm] (*According to EN 1092-2)	DN65* 65DRS57.5T2BG, 65DRS56.5T2CG, 65DRS59T2DG, 65DRS511T2CG, 65DRS513.8T2BG, 65DRS513.8T2AG, 65DRS514.9T2GG, 65DRS520T2BG, 65DRS522.4T2AG, 65DRS525.1T2AG
	Materials	Casing	Cast iron EN-GJL-250
		Impeller	Cast-iron EN-GJS-400
		Suction Cover	Cast iron EN-GJL-250
		Shaft	Stainless Steel AISI 420B/431
		Motor frame	Cast iron EN-GJL-250
		Fasteners	A2 class - AISI 304
		Mechanical seal	SiC Impeller side Ceramic/Graphite Motor side Nitrile O-rings and lip seal Lubricant: AGIP ITE 360
	Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type	Three Phase	
		Dry motor, cooled by surrounding liquid	
	No. of Poles	2	
	Rotation speed [min ⁻¹]	2850	
	Insulation Class	H	
	Protection degree	IP 68	
	Power Rating [kW]	7.5 ÷ 25.1	
	Frequency [Hz]	50 -5/+3 %	
	Voltage [V]	400/690 ±10%	
	Starting	DOL - Y/Δ	
	Over load protection	Yes	
	Humidity probe	Yes	
	Floating switch	-	
	Cable	material	Neoprene H07RN/F
		length [m]	10
		size [mm]	12G1.5 65DRS57.5T2BG 12G2.5 2x4G10+4G2.5 65DRS520T2BG, 65DRS522.4T2AG, 65DRS525.1T2AG
	Bearings		Overdimensioned, life lubricated, maintenance free

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)

50 Hz

Rev. E

65-80DRD			
PUMP	Submergence	Type of liquid	Dirty Waters
		Max Temp. [°C]	<40°
		Max solids size [mm]	30
		Max [m]	20
	Construction	Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
		Impeller	With channels
	Connection	Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal
		Suction (*According to EN 1092-2) [mm]	DN80* 65DRD53.1T2CG, 65DRD53.6T2BG, 80DRD55T2BG, 80DRD56T2AG DN100* 80DRD57.5T2AG**
		Discharge (*According to EN 1092-2) [mm]	DN65* 65DRD53.1T2CG, 65DRD53.6T2BG DN80* 80DRD55T2BG, 80DRD56T2AG, 80DRD57.5T2AG**
		Casing	Cast iron EN-GJL-250
	Materials	Impeller	Cast-iron EN-GJS-250
		Suction Cover	Cast iron EN-GJL-250
		Shaft	Stainless Steel AISI 420B/431
		Motor frame	Cast iron EN-GJL-250
		Fasteners	A2 class - AISI 304
		Mechanical seal	SiC Impeller side Ceramic/Graphite Motor side Nitrile O-rings and lip seal Lubricant: AGIP ITE 360
	Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase Dry motor, cooled by surrounding liquid (**available also with cooling jacket)
	No. of Poles		2
	Rotation speed [min ⁻¹]		2850
	Insulation Class		H
	Protection degree		IP 68
	Power Rating [kW]		3.1 ÷ 7.5
	Frequency [Hz]		50 -5/+3 %
	Voltage [V]		400 ±10% 65DRD53.1T2CG, 65DRD53.6T2BG 400/690 ±10%
	Starting		DOL - Y/Δ
	Over load protection		No 65DRD53.1T2CG, 65DRD53.6T2BG Yes
	Humidity probe		No 65DRD53.1T2CG, 65DRD53.6T2BG Yes
	Floating switch		-
	Cable	material	Neoprene H07RN/F
		length [m]	10
		size [mm]	4G2.5 12G1.5 12G2.5 80DRD57.5T2AG
	Bearings		Overdimensioned, life lubricated, maintenance free Overdimensioned double ball bearing with greasers

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)

50 Hz

Rev. E

100DRD						
PUMP		Type of liquid	Dirty Waters			
		Max Temp.	[°C]	<40°		
		Max solids size	[mm]	40 100DRD512T2DG**, 100DRD514.9T2CG**, 100DRD516.6T2BG**, 100DRD518.2T2AG**, 100DRD520T2AG**		
				60 100DRD57.1T4BG**		
				80 100DRD52.7T6AG, 100DRD52.8T6AG, 100DRD54.6T4CG, 100DRD54.6T4BG, 100DRD57.5T4FG**, 100DRD510T4FG**, 100DRD510T4AG**		
	Submergence	Max	[m]	20		
		Min	[m]	Refer to low water level (L.W.L.) and usage restriction in dimension		
	Construction	Impeller	With channels			
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal			
	Connection	Suction (* According to EN 1092-2)	[mm]	DN100*		
		Discharge (* According to EN 1092-2)	[mm]	DN125*		
	Materials	Casing	Cast iron EN-GJL-250			
		Impeller	Cast-iron EN-GJS-250			
Suction Cover		Cast iron EN-GJL-250				
Shaft		Stainless Steel AISI 420B/431				
Motor frame		Cast iron EN-GJL-250				
Fasteners		A2 class - AISI 304				
Mechanical seal		SiC Ceramic/Graphite Nitrile Lubricant: AGIP ITE 360 Impeller side Motor side O-rings and lip seal				
Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type				
Applicable standard of test		ISO 9906 Annex A				
MOTOR	Type	Three Phase				
		Dry motor, cooled by surrounding liquid (**available also with cooling jacket)				
	No. of Poles	2	4	6		
	Rotation speed	[min ⁻¹]	2850	1450	950	
	Insulation Class	H				
	Protection degree	IP 68				
	Power Rating	[kW]	12 ÷ 20	4.6 ÷ 10	2.7 ÷ 2.8	
	Frequency	[Hz]	50 -5/+3 %			
	Voltage	[V]	400/690 ±10%		400 ±10 100DRD52.7T4CG 400/690 ±10%	
	Starting	DOL - Y/Δ				
	Over load protection	Yes		No	100DRD52.7T4CG Yes	
	Humidity probe	Yes		No	100DRD52.7T4CG Yes	
	Floating switch	-				
		material	Neoprene H07RN/F			
		length	[m]	10		
	Cable	size	[mm]	12G1.5	100DRD54.6T4CG, 100DRD54.6T4BG	4G2.5 100DRD52.7T6AG 12G1.5 100DRD52.8T6AG
				12G2.5		
				10G4	100DRD520T2AG**	
	Bearings	Overdimensioned, life lubricated, maintenance free Overdimensioned, double ball bearing with greasers (4 poles)				

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)

50 Hz

Rev. E

150DRD						
PUMP	Type of liquid		Dirty Waters			
	Max Temp. [°C]		<40°			
	Max solids size [mm]	50	150DRD540.2T2BG, 150DRD552T2CG, 150DRD535T2AG			
		60	150DRD560T4GG, 150DRD575T4CG, 150DRD580T4BG, 150DRD580T4AG			
		80	150DRD56T6CG, 150DRD58T6BG, 150DRD527T4AG, 150DRD530.1T4BG, 150DRD535.7T4AG			
		100	150DRD512T6AG, 150DRD514T6BG, 150DRD523T4CG, 150DRD527T4BG, 150DRD530T4BG, 150DRD535.7T4EG, 150DRD541T4AG			
	Submergence	Max [m]	20			
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension			
	Construction	Impeller		With channels		
		Shaft seal type		Oil lubricated, single spring single mechanical seal + Lip Seal		
	Connection	Suction (* According to EN 1092-2) [mm]	DN150* DN200* 150DRD560T4GG, 150DRD575T4CG, 150DRD580T4BG, 150DRD580T4AG			
		Discharge (* According to EN 1092-2) [mm]	DN150*			
	Materials	Casing		Cast iron EN-GJL-250		
		Impeller		Cast-iron EN-GJS-250		
		Suction Cover		Cast iron EN-GJL-250		
Shaft		Stainless Steel AISI 420B/431				
Motor frame		Cast iron EN-GJL-250				
Fasteners		A2 class - AISI 304				
Mechanical seal		SiC Ceramic/Graphite Nitrile Lubricant: AGIP ITE 360 Impeller side Motor side O-rings and lip seal				
Accessories	Standard		Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type			
Applicable standard of test		ISO 9906 Annex A				
MOTOR	Type		Three Phase			
			Dry motor, cooled by surrounding liquid (Available also with cooling jacket)			
	No. of Poles		2	4	6	
	Rotation speed [min ⁻¹]		2850	1450	950	
	Insulation Class		H			
	Protection degree		IP 68			
	Power Rating [kW]		35 ÷ 52	23 ÷ 80	6 ÷ 14	
	Frequency [Hz]		50 -5/+3 %			
	Voltage [V]		400/690 ±10%			
	Starting		DOL - Y/Δ			
	Over load protection		Yes			
	Humidity probe		Yes			
	Floating switch		-			
	Cable	material		Neoprene H07RN/F		
		length [m]		10		
		size [mm]	2x4G10+4G2.5	150DRD575T4CG, 150DRD580T4BG, 150DRD580T4AG	12G2.5	150DRD56T6CG, 150DRD58T6BG
			2x4G25+4G2.5		10G4	150DRD512T6AG, 150DRD514T6BG
	Bearings		Overdimensioned, life lubricated, maintenance free Overdimensioned, double ball bearing with greasers (4 poles)			

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)

50 Hz

Rev. E

200DRD				
PUMP		Type of liquid	Dirty Waters	
		Max Temp. [°C]	<40°	
		Max solids size [mm]	102	
	Submergence	Max [m]	20	
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension	
	Construction	Impeller	With channels	
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal	
	Connection	Suction (*According to EN 1092-2) [mm]	DN200*	
		Discharge (*According to EN 1092-2) [mm]	DN200*	
	Materials	Casing	Cast iron EN-GJL-250	
		Impeller	Cast-iron EN-GJS-250	
		Suction Cover	Cast iron EN-GJL-250	
		Shaft	Stainless Steel AISI 420B/431	
		Motor frame	Cast iron EN-GJL-250	
		Fasteners	A2 class - AISI 304	
		Mechanical seal	SiC Ceramic/Graphite Nitrile Lubricant: AGIP ITE 360	Impeller side Motor side O-rings and lip seal
	Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type	
	Applicable standard of test		ISO 9906 Annex A	
MOTOR	Type		Three Phase	
			Dry motor, cooled by surrounding liquid (Available also with cooling jacket)	
	No. of Poles		4	6 8
	Rotation speed [min ⁻¹]		1450	950 750
	Insulation Class		H	
	Protection degree		IP 68	
	Power Rating [kW]		40 ÷ 48	9.8 ÷ 23 6 ÷ 9.3
	Frequency [Hz]		50 -5/+3 %	
	Voltage [V]		400/690 ±10%	
	Starting		DOL - Y/Δ	
	Over load protection		Yes	
	Humidity probe		Yes	
	Floating switch		-	
			Neoprene H07RN/F	
			10	
	Cable	material	12G2.5 200DRD59.8T6CG 10G4 200DRD514T6BG, 200DRD514T6AG, 200DRD515.8T6CG, 200DRD518.9T6BG	
		length [m]	10G4 200DRD56.2T8CG, 200DRD58T8AG	
		size [mm]	2X4G10+4G2.5	
	Bearings		Overdimensioned, life lubricated, maintenance free Overdimensioned, double ball bearing with greasers (4-8 poles)	

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)

50 Hz

Rev. E

250DRD			
PUMP	Type of liquid	Dirty Waters	
	Max Temp. [°C]	<40°	
	Max solids size [mm]	73 250DRD515T4AG 105	
	Submergence		
	Max [m]	20	
	Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension	
	Construction		
	Impeller	With channels	
	Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal	
	Connection		
	Suction (*According to EN 1092-2) [mm]	DN250*	
	Discharge (*According to EN 1092-2) [mm]	DN250*	
	Materials		
	Casing	Cast iron EN-GJL-250	
MOTOR	Impeller	Cast-iron EN-GJS-250	
	Suction Cover	Cast iron EN-GJL-250	
	Shaft	Stainless Steel AISI 420B/431	
	Motor frame	Cast iron EN-GJL-250	
	Fasteners	A2 class - AISI 304	
	Mechanical seal	SiC Impeller side Ceramic/Graphite Motor side Nitrile O-rings and lip seal Lubricant: AGIP ITE 360	
	Accessories	Standard	
		Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type	
	Applicable standard of test	ISO 9906 Annex A	
	Type	Three Phase	
		Dry motor, cooled by surrounding liquid (Available also with cooling jacket)	
	No. of Poles	4	6 8
	Rotation speed [min ⁻¹]	1450	950 750
	Insulation Class	H	
	Protection degree	IP 68	
	Power Rating [kW]	15 ÷ 85	23 ÷ 39.2 12.4 ÷ 19
	Frequency [Hz]	50 -5/+3 %	
	Voltage [V]	400/690 ±10%	
	Starting	DOL - Y/Δ	
	Over load protection	Yes	
	Humidity probe	Yes	
	Floating switch	-	
	material	Neoprene H07RN/F	
	length [m]	10	
	Cable	2X4G25+4G2.5 10G4 250DRD515T4AG	10G4 2X4G10+4G2.5 250DRD517.1T8CG, 250DRD519T8AG, 250DRD523T6DG, 250DRD529T6CG, 250DRD539.2T6BG, 250DRD539.2T6AG
	size [mm]		
	Bearings	Overdimensioned, life lubricated, maintenance free Overdimensioned, double ball bearing with greasers (4-8 poles)	

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)**50 Hz**

Rev. E

300DRD			
PUMP		Type of liquid	Dirty Waters
		Max Temp. [°C]	<40°
		Max solids size [mm]	50x140
	Submergence	Max [m]	20
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	With channels
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal
	Connection	Suction (*According to EN 1092-2) [mm]	DN350*
		Discharge (*According to EN 1092-2) [mm]	DN300*
	Materials	Casing	Cast iron EN-GJL-250
		Impeller	Cast-iron EN-GJS-250
		Suction Cover	Cast iron EN-GJL-250
		Shaft	Stainless Steel AISI 420B/431
		Motor frame	Cast iron EN-GJL-250
		Fasteners	A2 class - AISI 304
		Mechanical seal	SiC Impeller side Ceramic/Graphite Motor side Nitrile O-rings and lip seal Lubricant: AGIP ITE 360
	Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase Dry motor, cooled by surrounding liquid (Available also with cooling jacket)
	No. of Poles		6 8
	Rotation speed [min ⁻¹]		950 750
	Insulation Class		H
	Protection degree		IP 68
	Power Rating [kW]		33.4 ÷ 65 21.8 ÷ 26.7
	Frequency [Hz]		50 -5/+3 %
	Voltage [V]		400/690 ±10%
	Starting		DOL - Y/Δ
	Over load protection		Yes
	Humidity probe		Yes
	Floating switch		-
	Cable	material	Neoprene H07RN/F
		length [m]	10
		size [mm]	2X4G10+4G2.5 2X4G25+4G2.5 300DRD555.8T6BG, 300DRD565T6AG
	Bearings		Overdimensioned, life lubricated, maintenance free Overdimensioned, double ball bearing with greasers (8 poles)

SPECIFICATION: DRD (Dirty Waters/Waste Water Pump)**50 Hz**

Rev. E

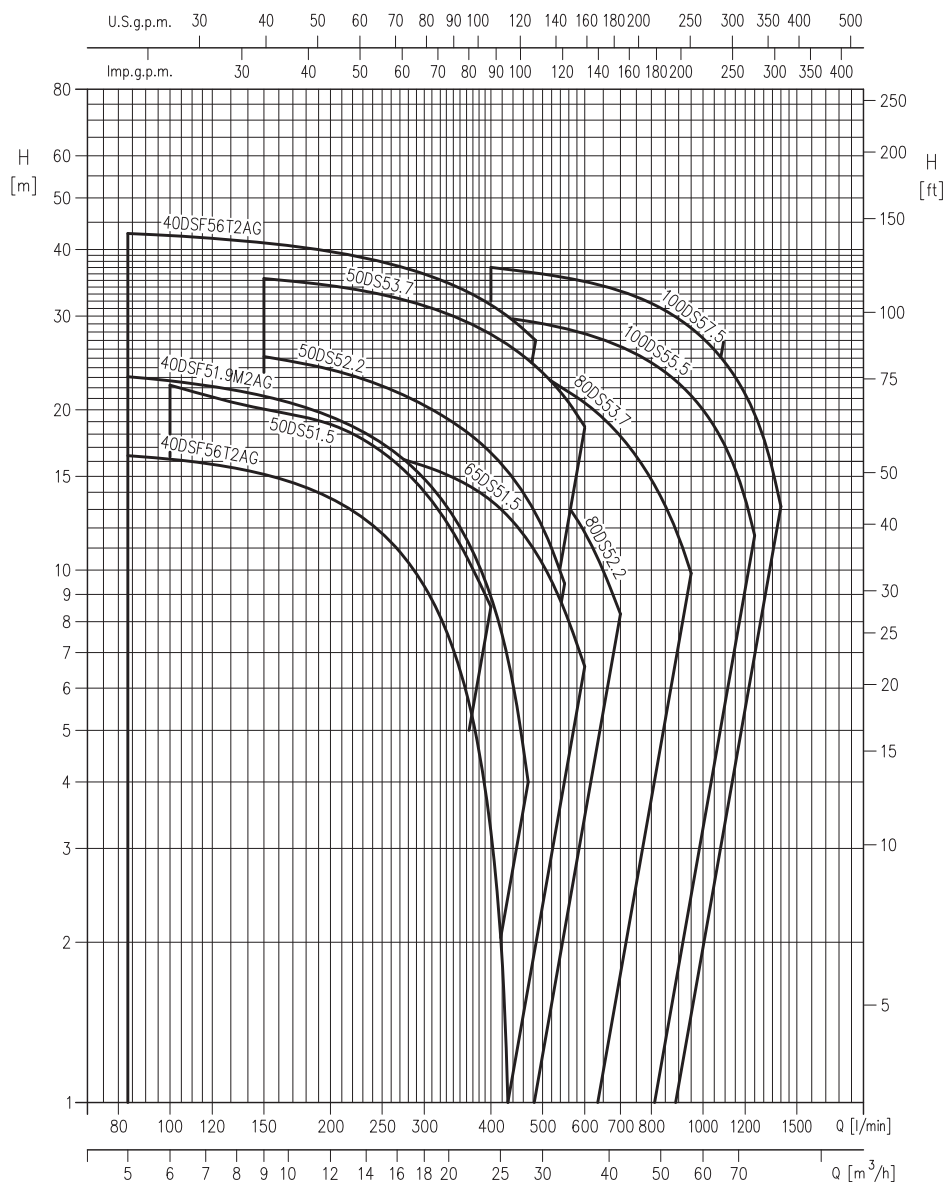
350DRD			
PUMP		Type of liquid	Dirty Waters
		Max Temp. [°C]	<40°
		Max solids size [mm]	112
	Submergence	Max [m]	20
		Min [m]	Refer to low water level (L.W.L.) and usage restriction in dimension
	Construction	Impeller	With channels
		Shaft seal type	Oil lubricated, single spring single mechanical seal + Lip Seal
	Connection	Suction (*According to EN 1092-2) [mm]	DN400*
		Discharge (*According to EN 1092-2) [mm]	DN350*
	Materials	Casing	Cast iron EN-GJL-250
		Impeller	Cast-iron EN-GJS-250
		Suction Cover	Cast iron EN-GJL-250
		Shaft	Stainless Steel AISI 420B/431
		Motor frame	Cast iron EN-GJL-250
		Fasteners	A2 class - AISI 304
		Mechanical seal	SiC Impeller side Ceramic/Graphite Motor side Nitrile O-rings and lip seal Lubricant: AGIP ITE 360
	Accessories	Standard	Screwed flange square type Discharge threaded elbow Quick Discharge Connector (QDC): PA type
	Applicable standard of test		ISO 9906 Annex A
MOTOR	Type		Three Phase Dry motor, cooled by surrounding liquid (Available also with cooling jacket)
	No. of Poles		8
	Rotation speed [min ⁻¹]		750
	Insulation Class		H
	Protection degree		IP 68
	Power Rating [kW]		40 ÷ 45
	Frequency [Hz]		50 -5/+3 %
	Voltage [V]		400/690 ±10%
	Starting		DOL - Y/Δ
	Over load protection		Yes
	Humidity probe		Yes
	Floating switch		-
	Cable	material	Neoprene H07RN/F
		length [m]	10
		size [mm]	2X4G25+4G2.5
	Bearings		Overdimensioned, double ball bearing with greasers

SELECTION CHART

50 Hz

Rev. E

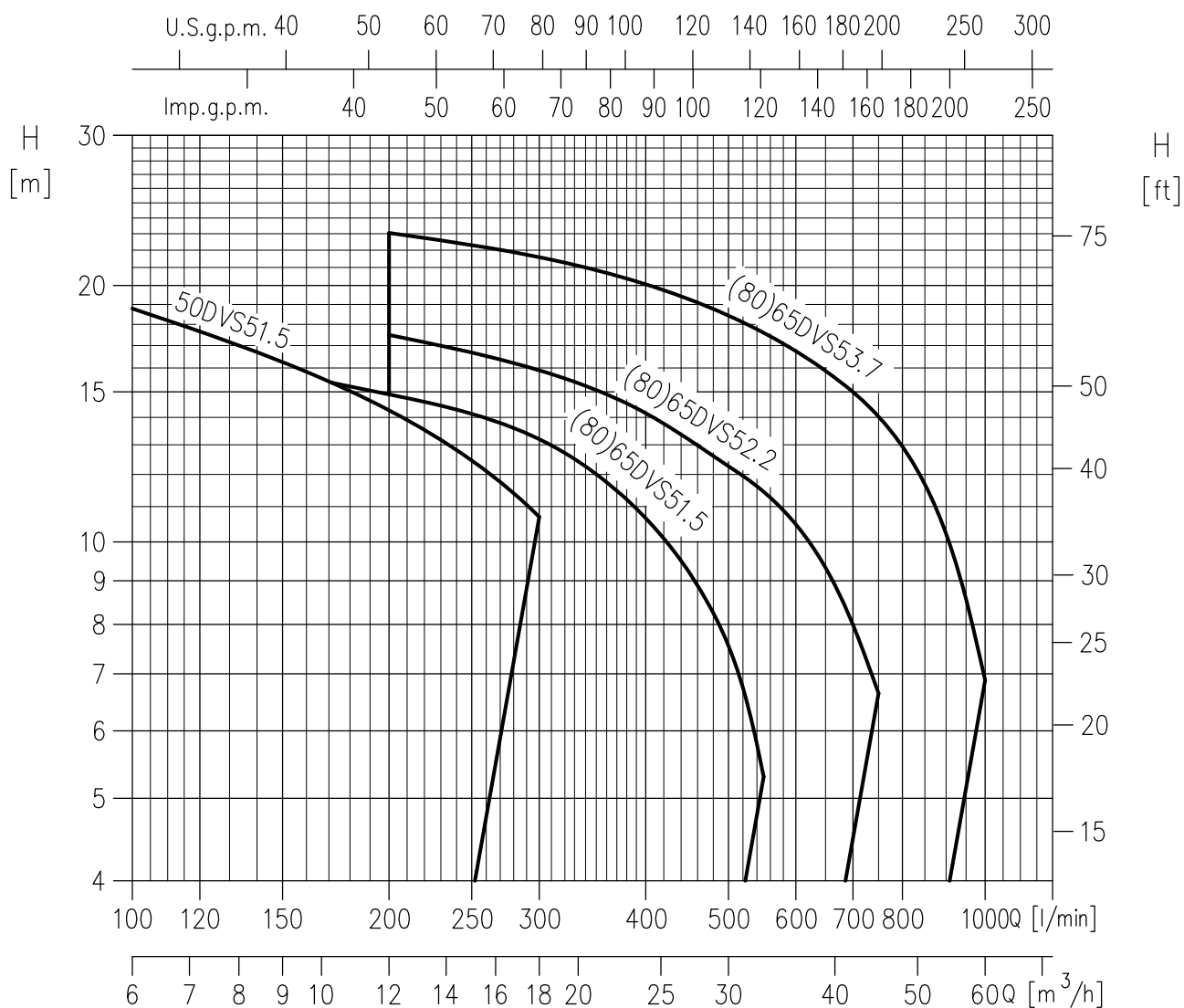
DS-DSF



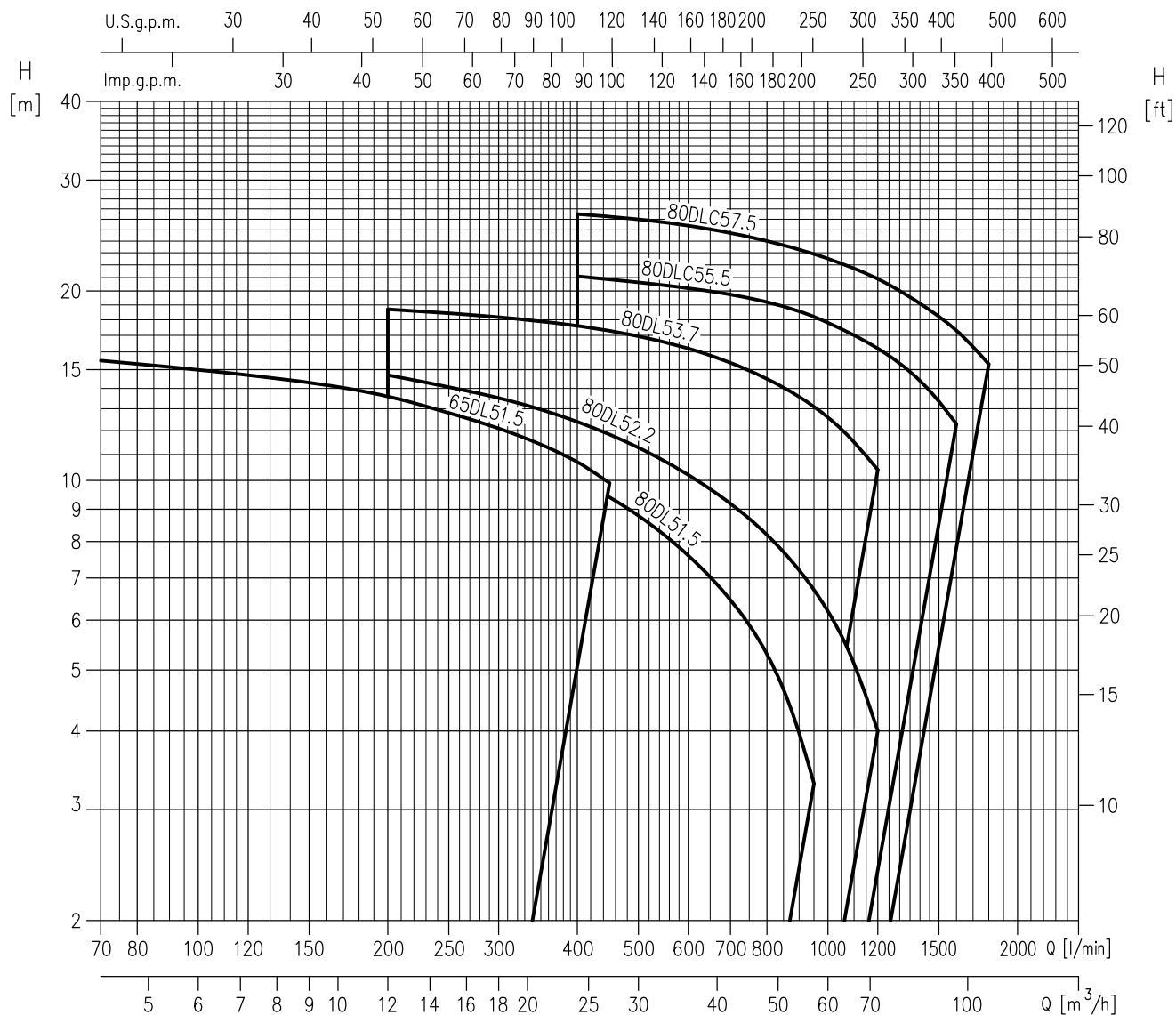
Pump Type	Power		Q=Capacity																											
	[kW]	[HP]	m³/h																											
			l/min	0	83	100	150	200	250	300	400	433	450	467	473	483	500	550	580	600	700	800	950	1000	1170	1200	1250	1400		
			0	5	6	9	12	15	18	24	26	27	28	28.4	29	30	33	34.8	36	42	48	57	60	70.2	72	75	84			
			H=Total manometric head in meters																											
40DSF51.5M2CG	1.5	2	16.9	16.4	16.2	15.1	13.6	11.7	9.3	3.2	0.8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40DSF51.9M2AG	1.9	2.5	24.6	23.1	22.7	21.2	19.4	17.3	14.8	8.9	6.6	5.4	4.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
40DSF56T2AG	6	8	45	43	42.5	41	39.6	37.9	36	31.5	30	28.9	28	27.7	27.1	-	-	-	-	-	-	-	-	-	-	-	-	-		
50DS51.5	1.5	2	24	-	22.3	20.7	18.8	16.5	14	8.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
50DS52.2	2.2	3	27	-	-	25.2	23.7	22.1	20.4	16.6	15.2	14.4	13.6	13.3	12.9	12	9.4	-	-	-	-	-	-	-	-	-	-	-		
50DS53.7	3.7	5	37.4	-	-	35.3	34.2	32.9	31.4	27.7	26.4	25.7	25.0	24.6	24.2	23.5	21.1	19.5	18.6	-	-	-	-	-	-	-	-	-		
65DS51.5	1.5	2	18	-	-	17.5	17.1	16.5	15.7	13.5	12.5	12	11	11.2	10.9	10.3	8.5	7.3	6.6	-	-	-	-	-	-	-	-	-		
80DS52.2	2.2	3	22	-	-	-	20.8	20.2	19.4	17.6	16.8	16.4	15.9	15.8	15.5	15	13.4	12.5	11.8	8.3	-	-	-	-	-	-	-	-		
80DS53.7	3.7	5	27.5	-	-	-	26.3	25.8	24.6	24.0	23.7	23.5	23.3	23.1	22.8	21.8	21.2	20.6	17.8	14.8	9.9	-	-	-	-	-	-	-		
100DS55.5	5.5	7.5	31.6	-	-	-	-	30.7	30	30	29.5	29.4	29.3	29.2	29	28.4	28	27.8	26.3	24.5	21.3	20.0	14.8	13.6	11.6	-	-	-		
100DS57.5	7.5	10	39.2	-	-	-	-	37	37	37	36.6	36.4	36.3	36.2	36	35.5	35.1	34.8	33.4	31.7	28.5	27.3	22.5	21.4	19.7	13.2	-	-		

SELECTION CHART**50 Hz**

Rev. E

DVS

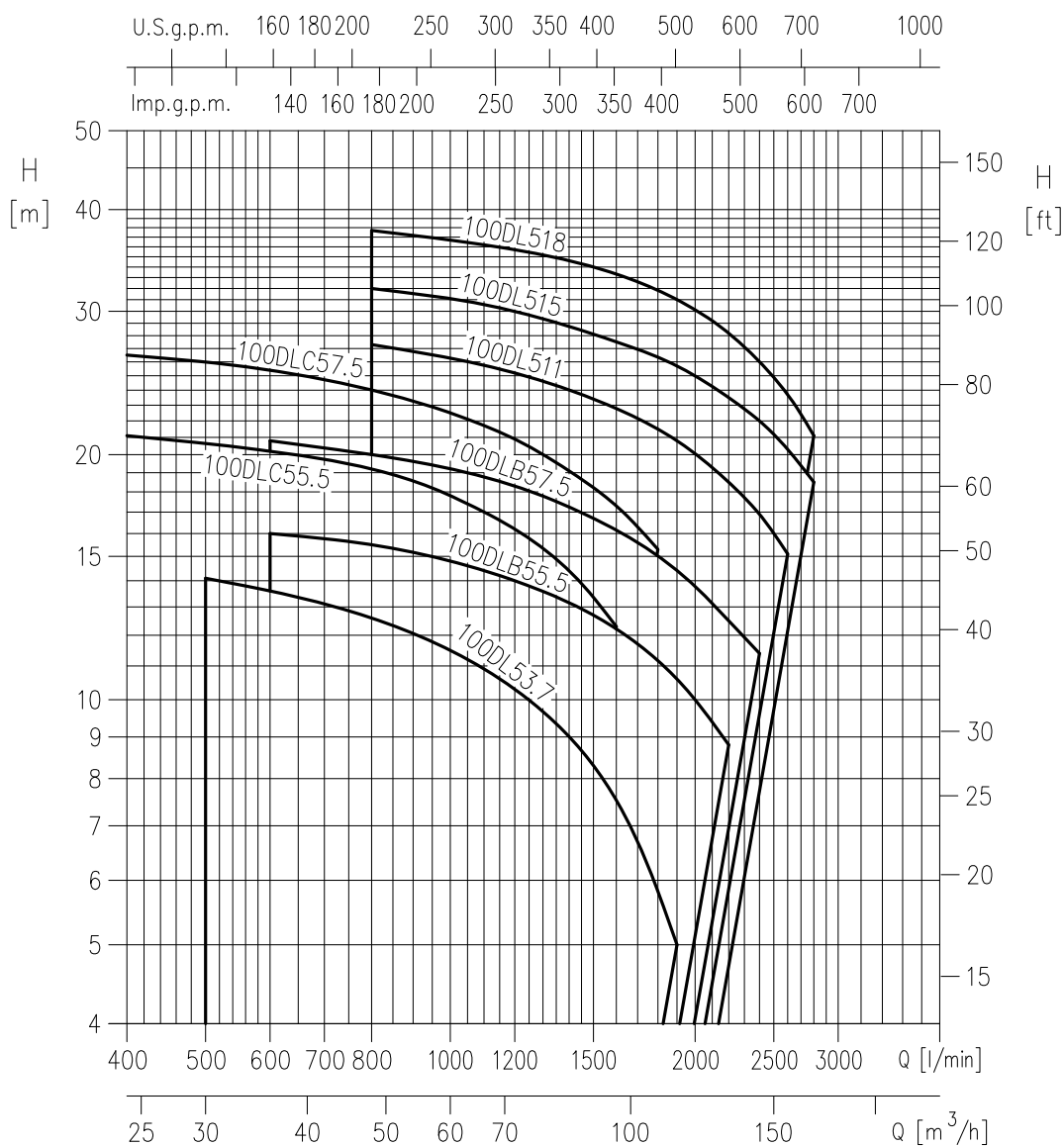
Pump Type	Power		Q=Capacity													
			l/min	0	100	150	200	300	400	500	550	600	700	750	900	1000
	[kW]	[HP]	m³/h	0	6	9	12	18	24	30	33	36	42	45	54	60
	H=Total manometric head in meters															
50DVS51.5	1.5	2	22.0	18.8	16.6	14.3	10.7	-	-	-	-	-	-	-	-	-
(80)65DVS51.5	1.5	2	18.6	-	15.8	14.9	13.2	10.9	7.6	5.3	-	-	-	-	-	-
(80)65DVS52.2	2.2	3	20.3	-	-	17.5	15.9	14.2	12.3	11.5	10.5	8.1	6.6	-	-	-
(80)65DVS53.7	3.7	5	25.7	-	-	23.0	21.6	20.1	18.4	17.6	16.7	15.0	14.0	10.4	6.9	-

65DL, 80DL

Pump Type	Power		Q=Capacity														
			l/min	0	70	150	200	400	450	600	800	950	1000	1200	1400	1600	1800
	[kW]	[HP]	m³/h	0	4	9	12	24	27	36	48	57	60	72	84	96	108
	H=Total manometric head in meters																
65DL51.5	1.5	2	16.4	15.5	14.3	13.6	10.7	9.9	-	-	-	-	-	-	-	-	
80DL51.5	1.5	2	14.0	-	-	12.2	10.0	9.4	7.6	5.3	3.3	-	-	-	-	-	
80DL52.2	2.2	3	17.1	-	-	14.7	12.4	11.8	10.2	8.2	6.7	6.2	4.0	-	-	-	
80DL53.7	3.7	5	19.4	-	-	18.7	17.6	17.3	16.2	14.5	13.1	12.6	10.4	-	-	-	
80DLC55.5	5.5	7.5	22.2	-	-	-	21.1	20.9	20.2	19.2	18.2	17.8	16.2	14.4	12.3	-	
80DLC57.5	7.5	10	28.0	-	-	-	26.5	26.3	25.4	24.0	22.9	22.5	20.9	19.1	17.3	15.3	

SELECTION CHART**50 Hz**

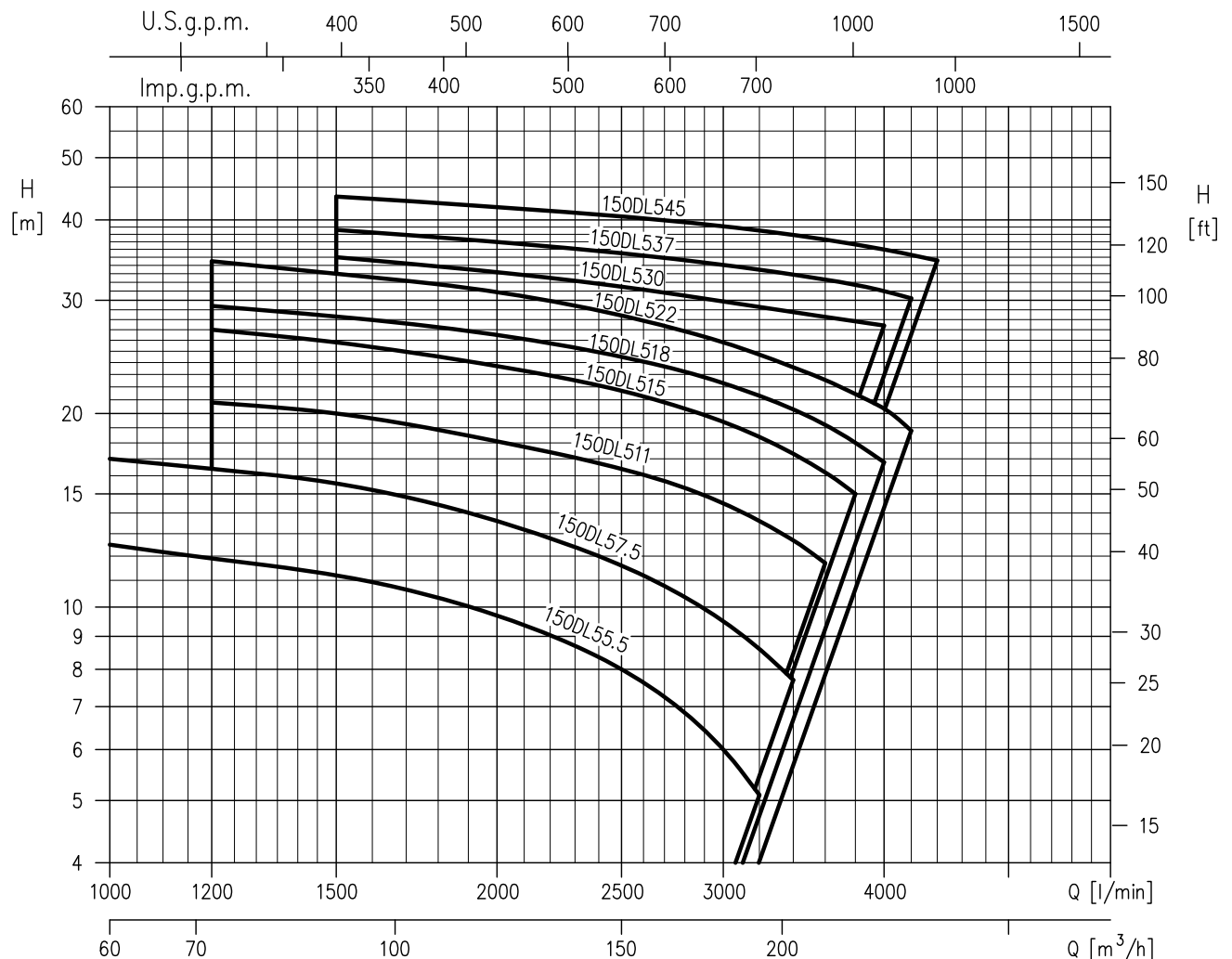
Rev. E

100DL

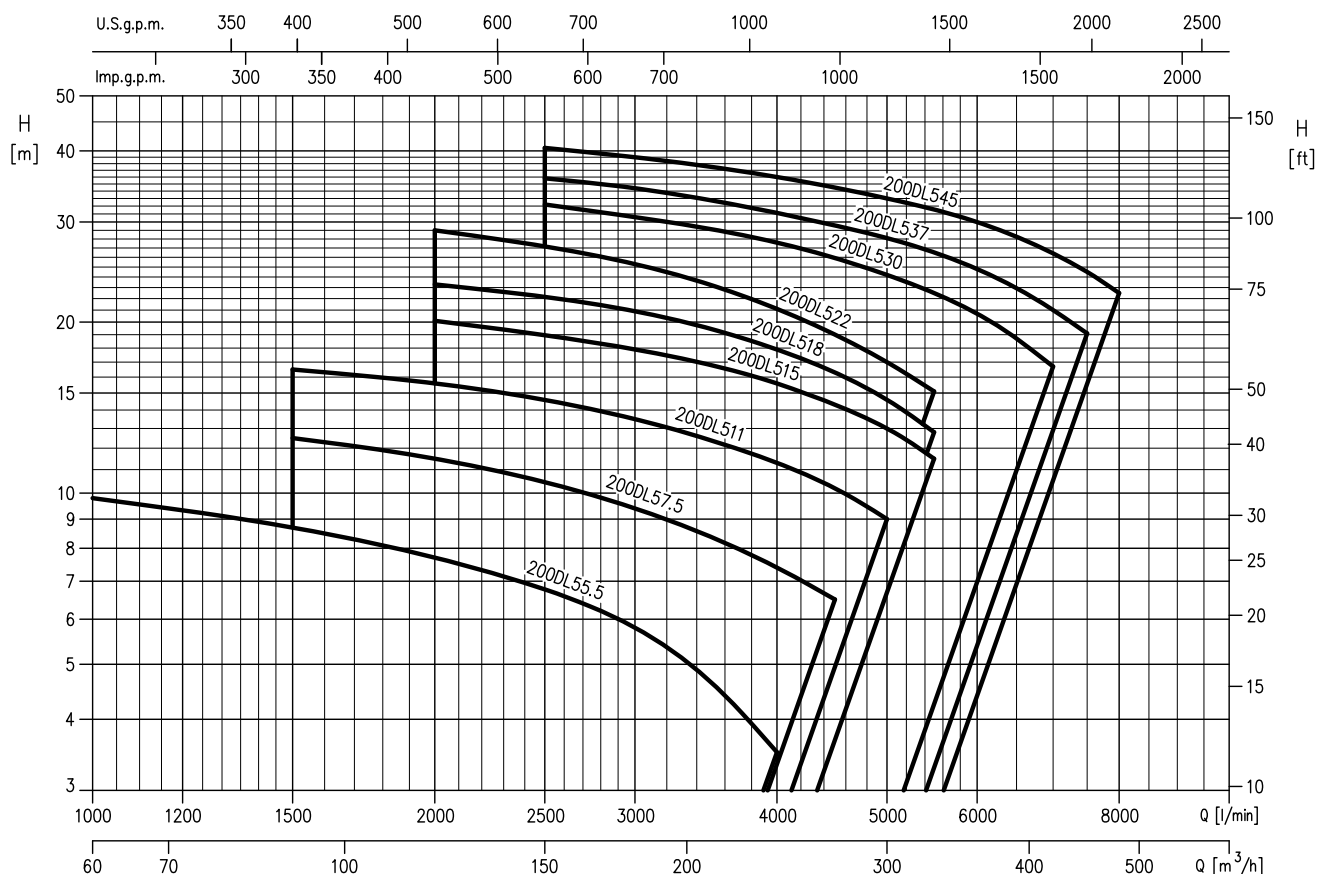
Pump Type	Power		Q=Capacity														
			l/min	0	400	500	600	800	1200	1500	1600	1800	1900	2200	2400	2600	2800
	[kW]	[HP]	m³/h	0	24	30	36	48	72	90	96	108	114	132	144	156	168
	H=Total manometric head in meters																
100DLC55.5	5.5	7.5	22.2	21.1	20.7	20.2	19.2	16.2	13.3	12.3	-	-	-	-	-	-	-
100DLC57.5	7.5	10	28.0	26.5	25.9	25.4	24.0	20.9	18.3	17.3	15.3	-	-	-	-	-	-
100DL53.7	3.7	5	16.0	-	14.1	13.6	12.6	10.3	8.3	7.5	5.9	5.0	-	-	-	-	-
100DLB55.5	5.5	7.5	17.0	-	-	16.0	15.5	14.0	12.7	12.2	11.1	10.6	8.8	-	-	-	-
100DLB57.5	7.5	10	22.5	-	-	20.8	20.0	18.3	16.7	16.1	15.1	15.0	12.5	11.4	-	-	-
100DL511	11	15	30.4	-	-	-	27.3	25.2	23.4	22.8	21.5	20.8	18.5	16.9	15.1	-	-
100DL515	15	20	33.9	-	-	-	32.0	30.0	28.1	27.6	26.4	25.7	23.5	22.0	20.3	18.5	-
100DL518.5	18.5	25	41.0	-	-	-	37.7	35.7	34.0	33.4	31.9	31.0	28.2	26.0	23.7	21.1	-

SELECTION CHART**50 Hz**

Rev. E

150DL

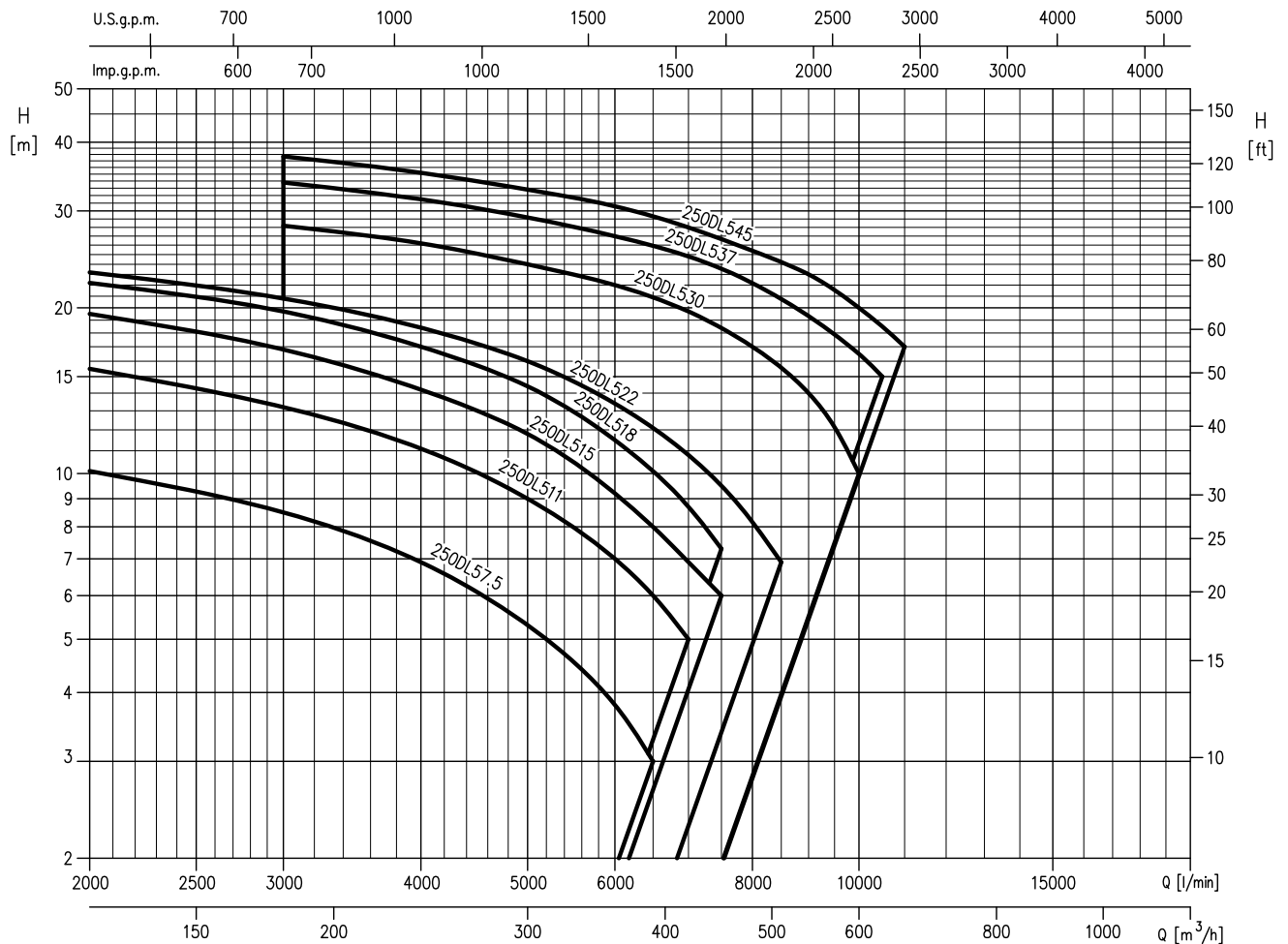
Pump Type	Power		Q=Capacity															
			l/min	0	1000	1200	1500	2000	2500	3000	3200	3400	3500	3600	3800	4000	4200	4400
	[kW]	[HP]	m³/h	0	60	72	90	120	150	180	192	204	210	216	228	240	252	264
	H=Total manometric head in meters																	
150DL55.5	5.5	7.5	15.8	12.5	11.9	11.2	9.7	8.0	6.0	5.1	-	-	-	-	-	-	-	
150DL57.5	7.5	10	19.6	17.0	16.4	15.2	13.6	11.6	9.5	8.6	7.7	-	-	-	-	-	-	
150DL511	11	15	24.7	-	20.8	20.0	18.1	16.4	14.5	13.6	12.7	12.2	11.7	-	-	-	-	
150DL515	15	20	31.4	-	27.0	25.8	23.7	21.7	19.4	18.4	17.3	16.8	16.2	15.0	-	-	-	
150DL518.5	18.5	25	32.5	-	29.4	28.3	26.5	24.5	22.3	21.3	20.3	19.8	19.2	18.0	16.8	-	-	
150DL522	22	30	38.7	-	34.5	33.0	30.9	28.4	25.8	24.7	23.6	23.0	22.4	21.2	20.5	18.8	-	
150DL530	30	40	39.0	-	-	35.0	33.2	31.5	29.9	29.3	28.8	28.5	28.3	27.8	27.4	-	-	
150DL537	37	50	43.0	-	-	38.6	37.0	35.5	34.1	33.5	32.9	32.6	32.3	31.7	31.0	30.2	-	
150DL545	45	60	48.0	-	-	43.5	42.0	40.5	39.1	38.5	37.9	37.6	37.3	36.7	36.0	35.3	34.6	

200DL

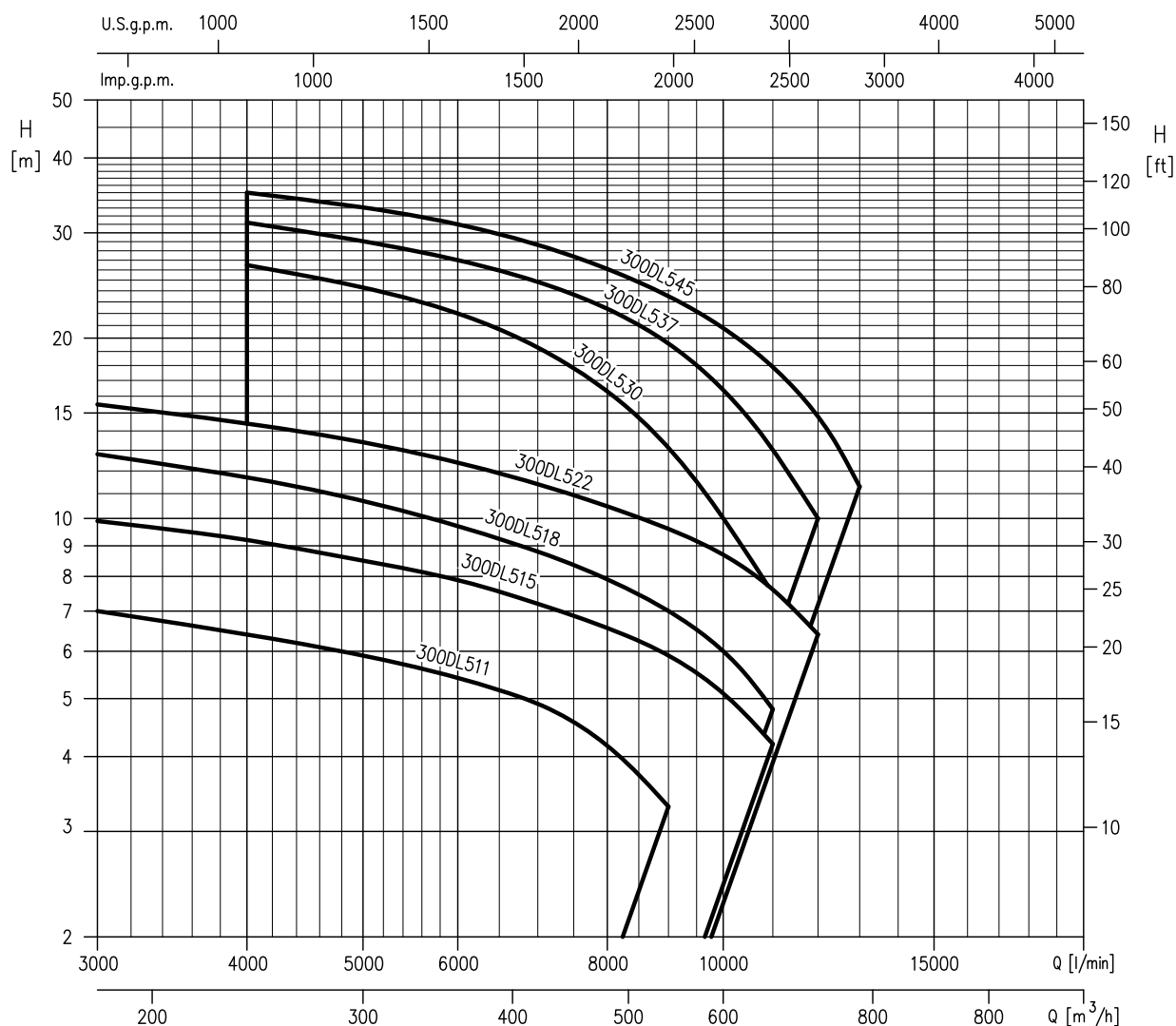
Pump Type	Power		Q=Capacity														
	[kW]	[HP]	l/min	0	1000	1500	2000	2500	3000	4000	4500	5000	5500	6000	7000	7500	8000
			m³/h	0	60	90	120	150	180	240	270	300	330	360	420	450	480
			H=Total manometric head in meters														
200DL55.5	5.5	7.5	12.0	9.8	8.7	7.7	6.8	5.8	3.5	-	-	-	-	-	-	-	
200DL57.5	7.5	10	15.5	-	12.5	11.5	10.5	9.4	7.4	6.5	-	-	-	-	-	-	
200DL511	11	15	19.7	-	16.5	15.6	14.6	13.5	11.3	10.2	9.0	-	-	-	-	-	
200DL515	15	20	23.9	-	-	20.1	19.0	17.9	15.6	14.3	13.0	11.5	-	-	-	-	
200DL518.5	18.5	25	26.5	-	-	23.3	22.2	20.9	17.9	16.3	14.6	12.8	-	-	-	-	
200DL522	22	30	34.9	-	-	29.0	27.2	25.3	21.1	19.0	17.0	15.1	-	-	-	-	
200DL530	30	40	39.7	-	-	-	32.2	30.6	27.6	25.9	24.2	22.5	20.7	16.7	-	-	
200DL537	37	50	43.0	-	-	-	35.8	34.4	31.1	29.6	28.1	26.5	24.8	21.0	19.1	-	
200DL545	45	60	48.0	-	-	-	40.5	39.0	36.0	34.5	33.0	31.5	30.0	26.4	24.5	22.5	

SELECTION CHART**50 Hz**

Rev. E

250DL

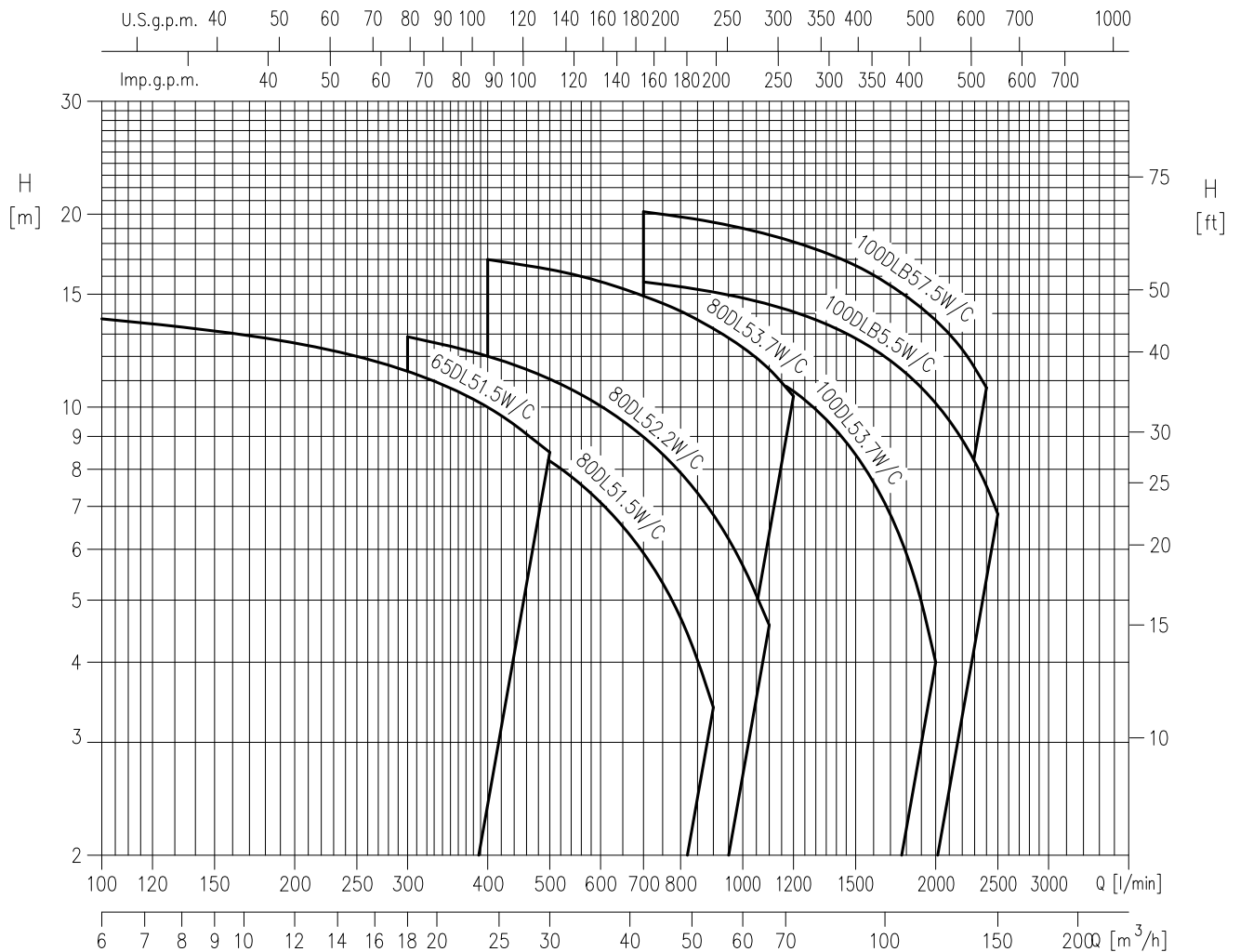
Pump Type	Power		Q=Capacity															
	[kW]	[HP]	l/min	0	2000	3000	4000	5000	6000	6500	7000	7500	8000	8500	9000	10000	10500	11000
			m³/h	0	120	180	240	300	360	390	420	450	480	510	540	600	630	660
			H=Total manometric head in meters															
250DL57.5	7.5	10	13.6	10.1	8.5	6.9	5.3	3.8	3.0	-	-	-	-	-	-	-	-	
250DL511	11	15	20.2	15.5	13.2	11.1	9.0	7.0	6.0	5.0	-	-	-	-	-	-	-	
250DL515	15	20	25.2	19.5	16.8	14.2	11.8	9.2	8.0	6.9	6.0	-	-	-	-	-	-	
250DL518.5	18.5	25	27.0	22.2	19.7	17.0	14.4	11.5	10.1	8.7	7.3	-	-	-	-	-	-	
250DL522	22	30	27.8	23.2	20.8	18.4	16.0	13.4	12.1	10.8	9.5	8.2	6.9	-	-	-	-	
250DL530	30	40	36.0	-	28.2	26.2	24.0	22.0	20.9	19.7	18.4	17.0	15.6	14.0	10.0	-	-	
250DL537	37	50	40.0	-	33.8	31.5	29.2	27.0	25.9	24.8	23.5	22.2	20.8	19.3	16.5	15.0	-	
250DL545	45	60	45.0	-	37.7	35.2	32.8	30.6	29.3	28.0	26.7	25.4	24.2	23.0	20.0	18.5	17.0	

300DL

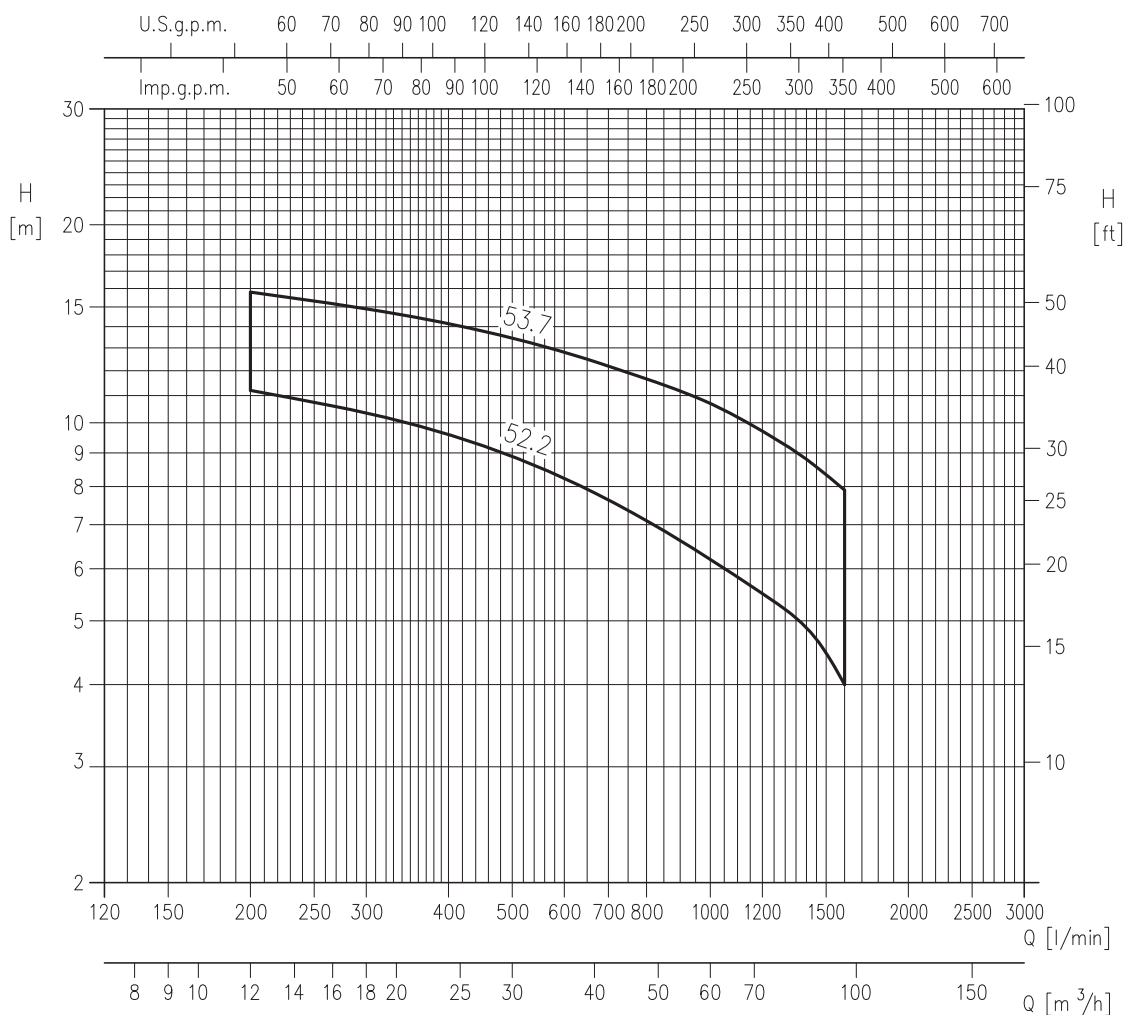
Pump Type	Power		Q=Capacity											
	[kW]	[HP]	l/min 0	3000	4000	5000	6000	7000	8000	9000	10000	11000	12000	13000
			m³/h 0	180	240	300	360	420	480	540	600	660	720	780
			H=Total manometric head in meters											
300DL511	11	15	9.2	7.0	6.4	5.9	5.5	4.9	4.2	3.3	-	-	-	-
300DL515	15	20	12.2	9.9	9.2	8.5	8.0	7.2	6.6	5.9	5.1	4.2	-	-
300DL518.5	18.5	25	16.6	12.8	11.7	10.7	9.7	8.8	7.9	7.0	6.0	4.8	-	-
300DL522	22	30	19.0	15.5	14.4	13.4	12.4	11.4	10.5	9.6	8.7	7.6	6.4	-
300DL530	30	40	36.0	-	26.5	24.4	22.0	19.3	16.3	13.1	10.0	7.5	-	-
300DL537	37	50	40.0	-	31.2	29.2	27.0	24.8	22.4	19.6	16.4	13.0	10.0	-
300DL545	45	60	45.0	-	35.0	33.1	31.0	28.6	26.1	23.5	20.8	17.9	14.8	11.3

SELECTION CHART**50 Hz**

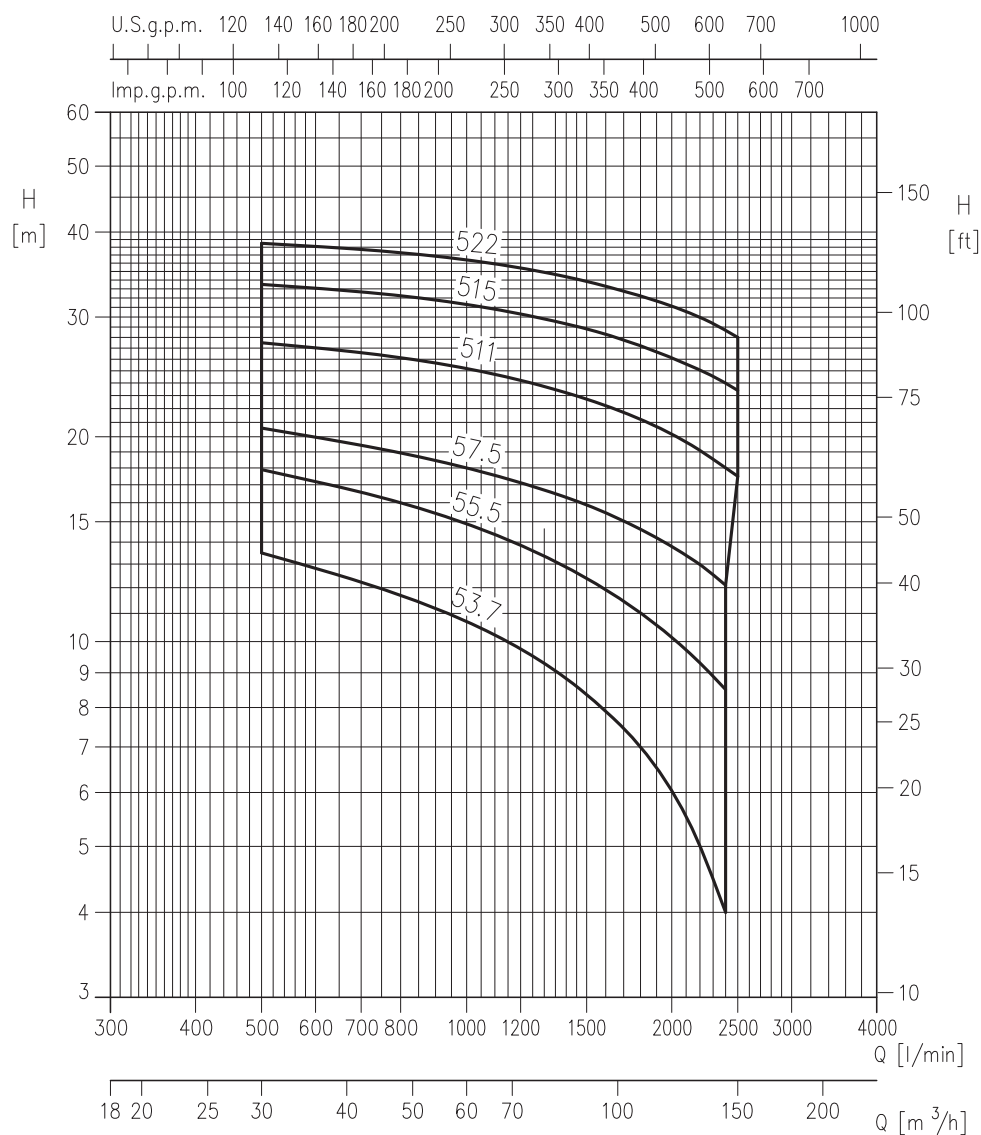
Rev. E

DL W/C

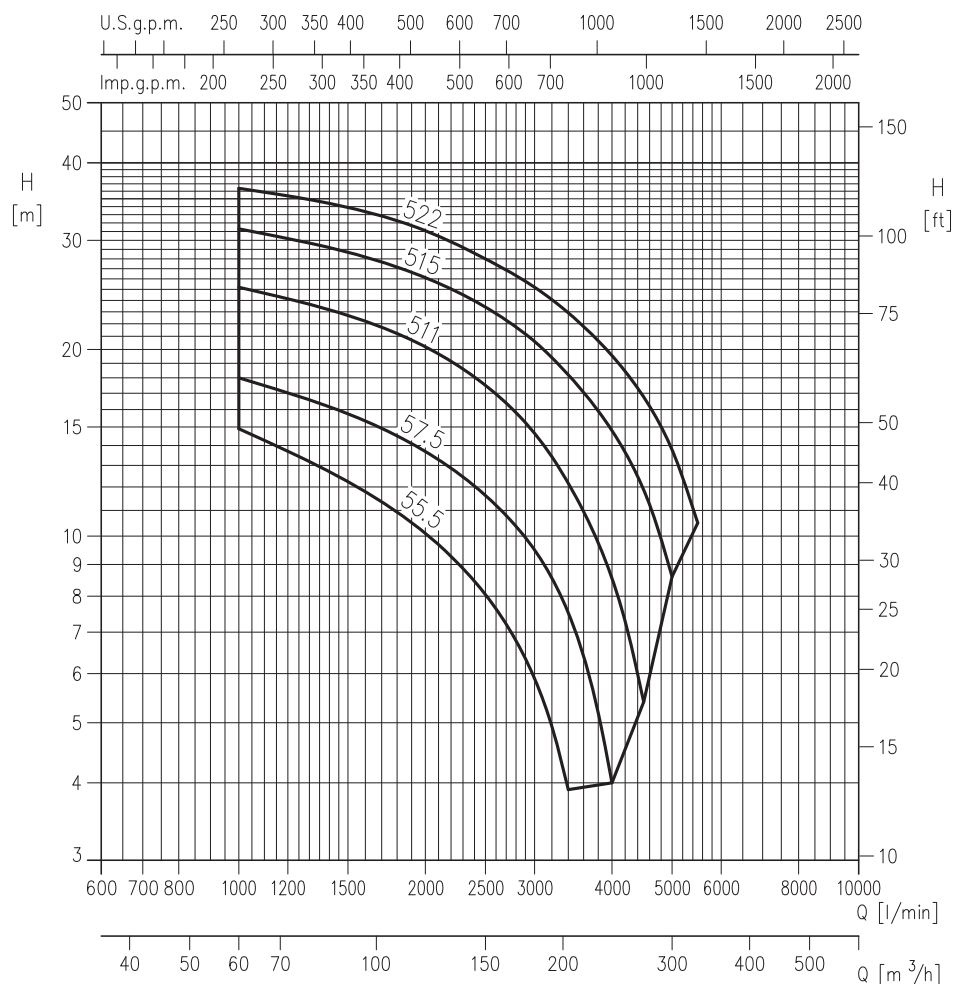
Pump Type	Power		Q=Capacity															
			l/min	100	250	300	400	500	700	900	1000	1100	1200	1400	1600	2000	2400	2500
	[kW]	[HP]	m³/h	6	15	18	24	30	42	54	60	66	72	84	96	120	144	150
H=Total manometric head in meters																		
65DL51.5W/C	1.5	2	14.8	13.7	12.0	11.4	10.0	8.5	-	-	-	-	-	-	-	-	-	-
80DL51.5W/C	1.5	2	12.7	-	10.7	10.3	9.3	8.2	5.9	3.4	-	-	-	-	-	-	-	-
80DL52.2W/C	2.2	3	15.2	-	-	12.9	12.0	11.1	9.0	6.8	5.7	4.6	-	-	-	-	-	-
80DL53.7W/C	3.7	5	18.5	-	-	-	17.0	16.4	14.9	13.4	12.6	11.6	10.4	-	-	-	-	-
100DL53.7W/C	3.7	5	16.1	-	-	-	-	14.1	13.1	12.2	11.7	11.2	10.6	9.2	7.6	4.0	-	-
100DLB55.5W/C	5.5	7.5	16.9	-	-	-	-	-	15.7	15.1	14.8	14.5	14.1	13.3	12.3	10.1	7.5	6.8
100DLB57.5W/C	7.5	10	22.5	-	-	-	-	-	20.2	19.4	19.0	18.6	18.1	17.2	16.1	13.7	10.7	-

80DML

Pump Type	Power		Q= Capacity									
			[l/min]	0	200	400	600	800	1000	1200	1400	1600
	[kW]	[HP]	[m³/h]	0	12	24	36	48	60	72	84	96
	H=Total manometric head in meters											
80DML52.2	2.2	3	13.1	11.2	9.6	8.2	7.1	6.2	5.5	4.9	4	
80DML53.7	3.7	5	17.9	15.8	14.2	12.8	11.7	10.7	9.7	8.8	7.9	

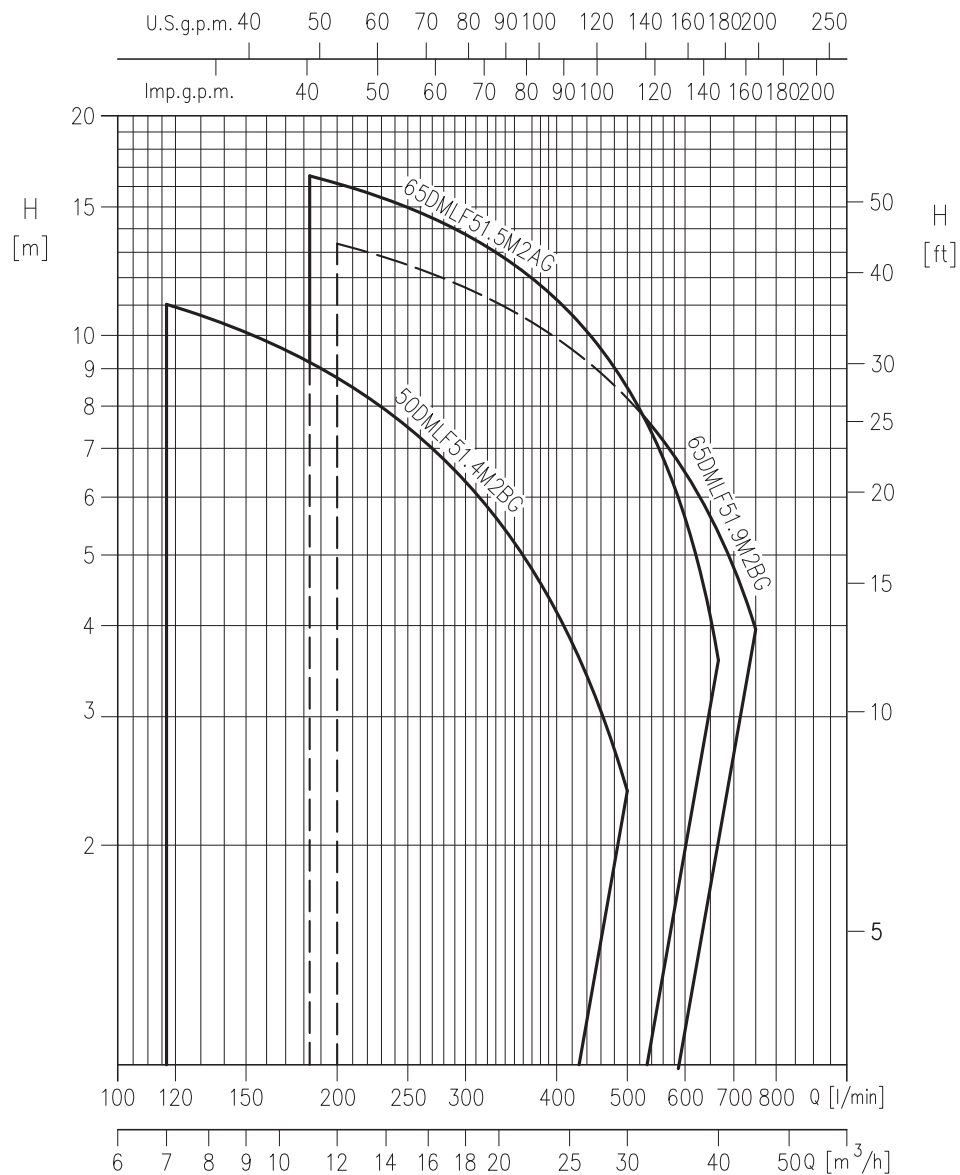
100DML

Pump Type	Power		Q= Capacity									
			[l/min]	0	500	1000	1300	1600	1900	2200	2400	2500
	[kW]	[HP]	[m³/h]	0	30	60	78	96	114	132	144	150
	H=Total manometric head in meters											
100DML53.7	3.7	5	17.9	13.5	10.7	9.3	7.9	6.5	5.0	4.0	-	
100DML55.5	5.5	7.5	22.0	17.9	14.9	13.4	11.9	10.6	9.3	8.5	-	
100DML57.5	7.5	10	25.3	20.6	18.0	16.7	15.5	14.2	13.0	12.1	-	
100DML511	11	15	30.3	27.5	25.2	23.7	22.2	20.7	19.1	18.0	17.5	
100DML515	15	20	35.0	33.5	31.3	29.8	28.3	26.7	25.1	24.0	23.4	
100DML522	22	30	40.0	38.5	36.4	34.9	33.3	31.7	30.0	28.7	28.0	

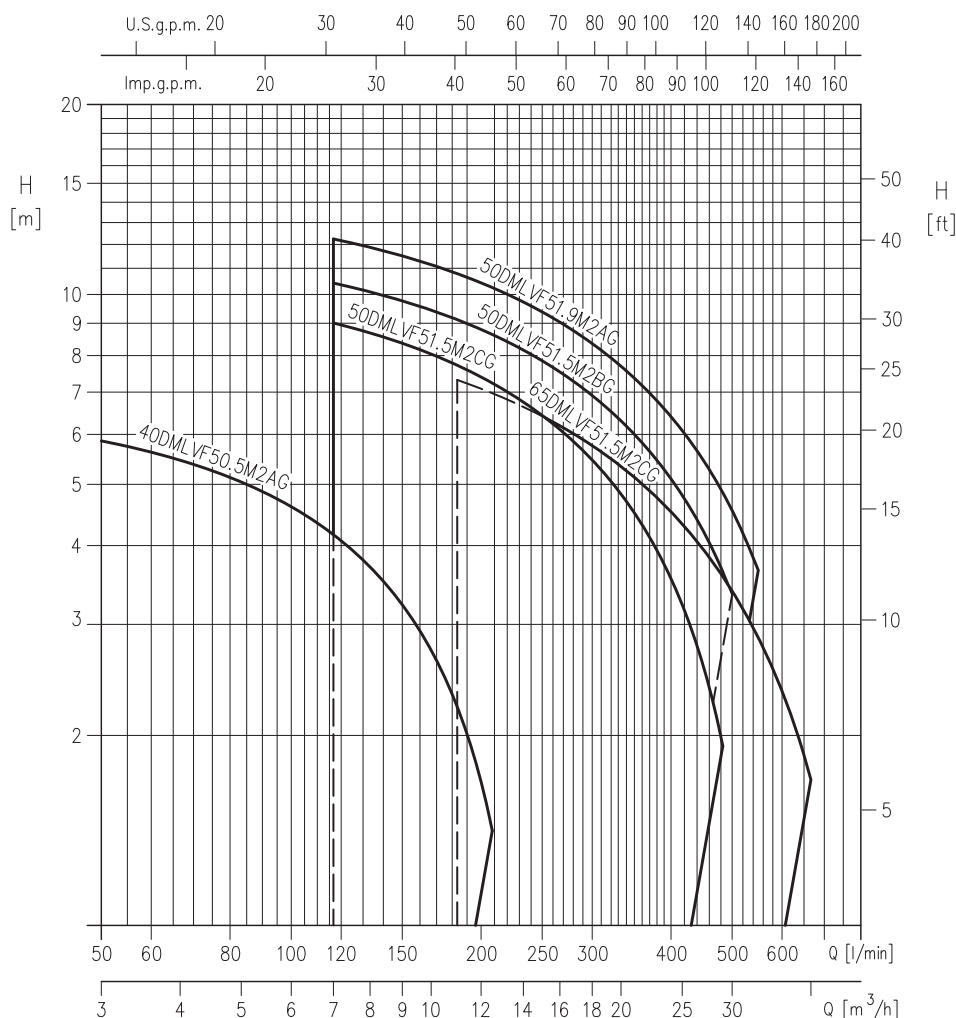
150DML

Pump Type	Power		Q= Capacity									
			[l/min] 0	1000	2000	2500	3000	3400	4000	4500	5000	5500
	[kW]	[HP]	[m³/h] 0	60	120	150	180	204	240	270	300	330
H=Total manometric head in meters												
150DML55.5	5.5	7.5	22.0	14.9	10.1	8.0	5.9	3.9	-	-	-	-
150DML57.5	7.5	10	25.3	18.0	13.7	11.6	9.5	7.5	4.0	-	-	-
150DML511	11	15	30.3	25.2	20.2	17.5	14.7	12.2	8.6	5.4	-	-
150DML515	15	20	35.0	31.3	26.1	23.4	20.6	18.2	14.8	11.9	8.6	-
150DML522	22	30	40.0	36.4	31.1	28.0	25.2	22.9	19.5	16.8	13.8	10.5

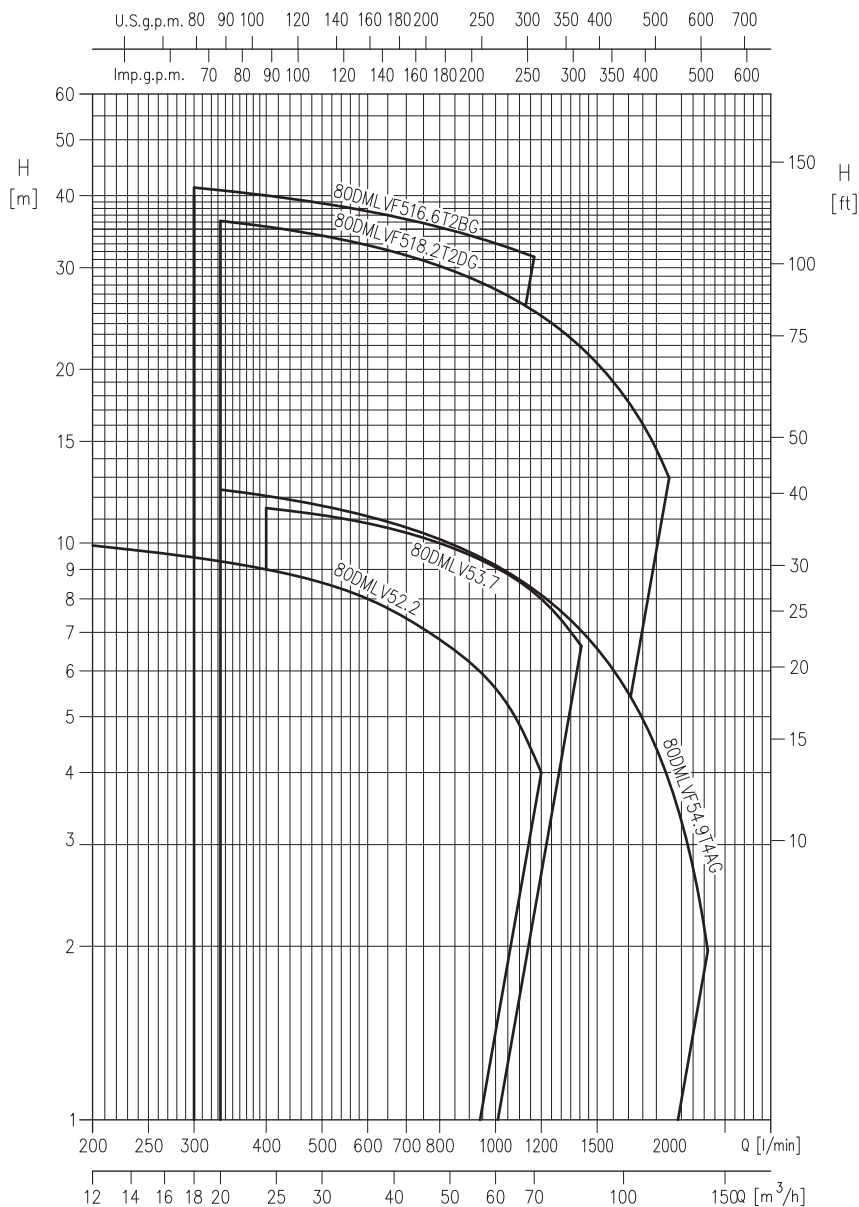
50-65DMLF



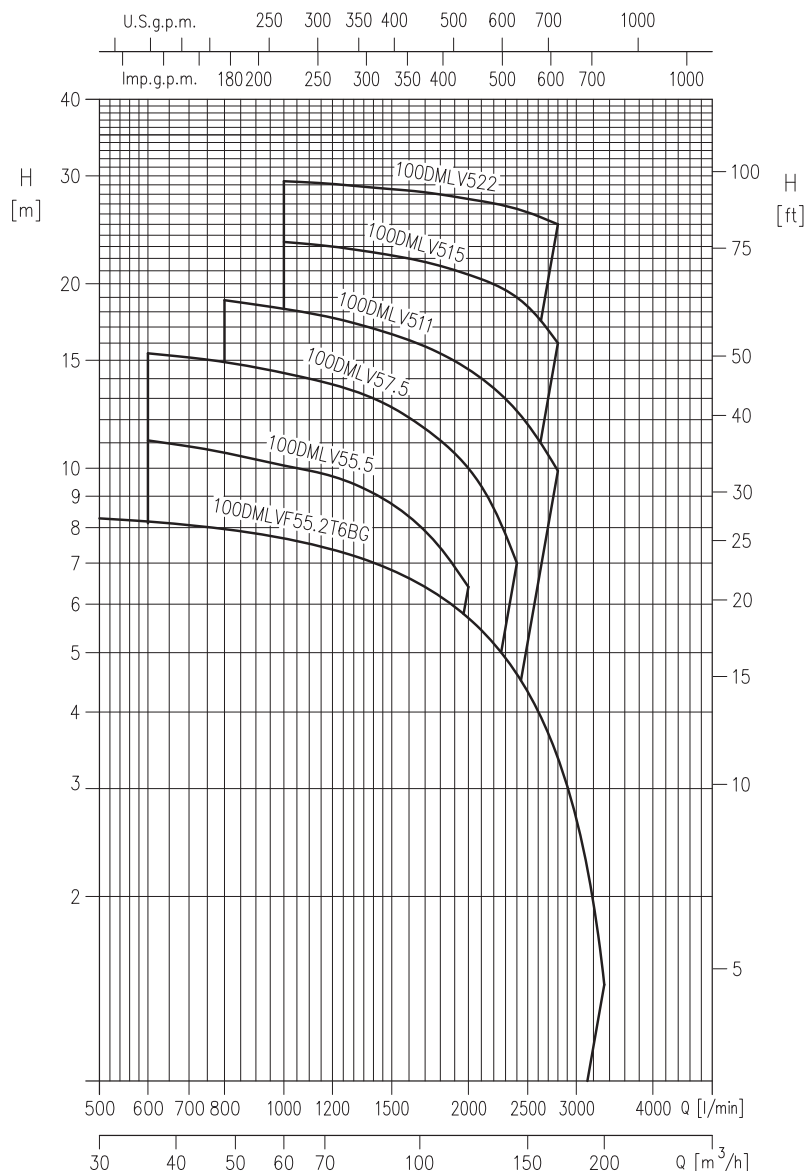
Pump Type	Pow er		Q=Capacity												
	[kW]	[HP]	l/min	0	117	183	200	300	350	400	500	600	667	750	
			m³/h	0	7	11	12	18	21	24	30	36	40	45	
			H=Total manometric head in meters												
50DMLF51.4M2BG	1.4	1.9	14.6	11.0	9.2	8.7	6.3	5.2	4.2	2.4	-		-		
65DMLF51.5M2AG	1.5	2	20.5	-	16.5	16.2	13.7	12.5	11.2	8.5	5.6	3.6	-		
65DMLF51.9M2BG	1.9	2.5	16.8	-	-	13.4	11.6	10.8	9.9	8.2	6.5	5.4	4		

40-50-65 DMLVF

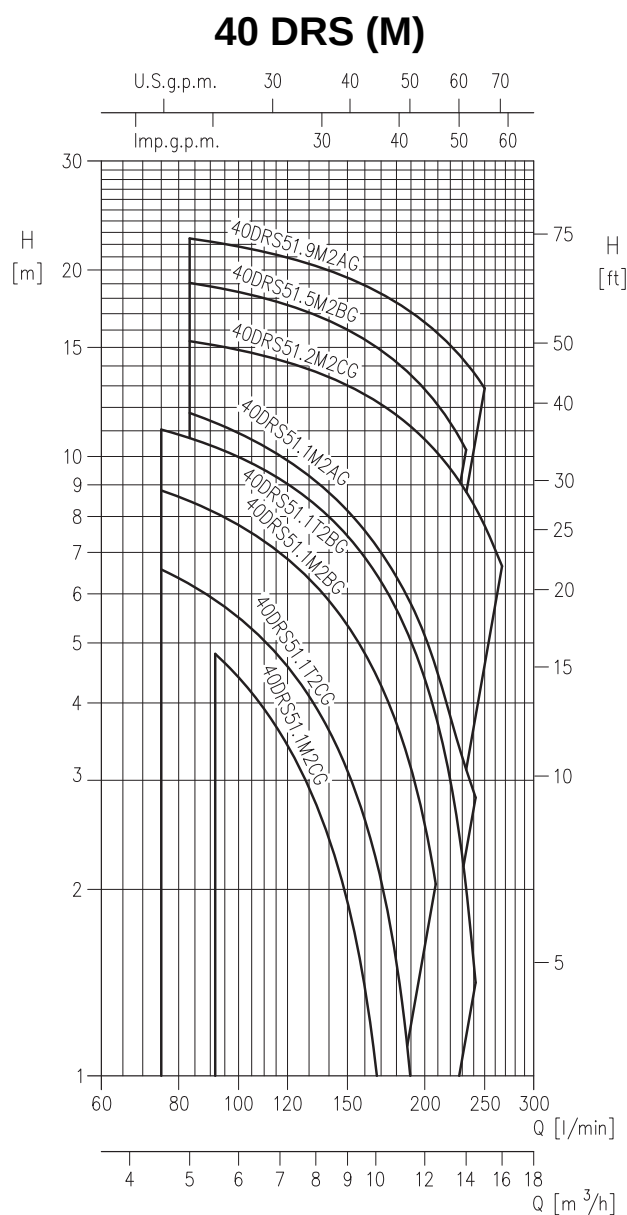
Pump Type	Power		Q=Capacity													
	[kW]	[HP]	l/min	0	50	117	183	208	250	300	350	400	483	500	550	667
			m³/h	0	3	7	11	12.5	15	18	21	24	29	30	33	40
H=Total manometric head in meters																
40DMLVF50.5M2AG	0.5	0.7	7.0	5.9	4.2	2.2	1.4	-	-	-	-	-	-	-	-	-
50DMLVF51.5M2CG	1.5	2	11.3	-	9	7.7	7.2	6.4	5.5	4.5	3.5	1.9	-	-	-	-
50DMLVF51.5M2BG	1.5	2	12.8	-	10.4	9.1	8.6	7.8	6.9	6.0	5.1	3.6	3.4	-	-	-
50DMLVF51.9M2AG	1.9	2.5	14.9	-	12.2	10.8	10.3	9.4	8.4	7.4	6.4	4.8	4.5	3.7	-	-
65DMLVF51.5M2CG	1.5	2	10.0	-	-	7.3	7.0	6.4	5.8	5.1	4.5	3.6	3.4	2.9	1.7	-

80DMLV- 80DMLVF

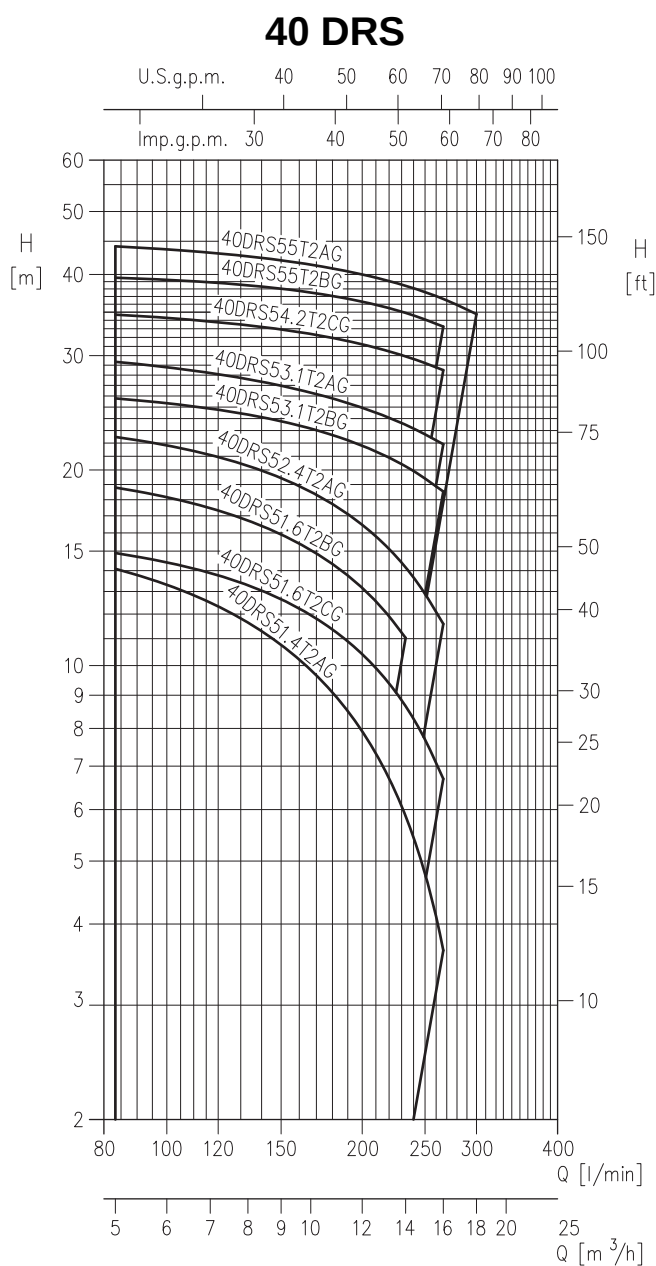
Pump Type	Pow er		Q=Capacity														
	[kW]	[HP]	l/min	0	200	300	333	400	600	900	1167	1200	1320	1400	2000	2100	2333
			m³/h	0	12	18	20	24	36	54	70	72	79	84	120	126	140
H=Total manometric head in meters																	
80DMLV52.2	2.2	3	10.7	9.9	9.5	9.3	9.0	8	6.4	4.1	4	-	-				
80DMLV53.7	3.7	5	12.8	-	-	-	11.5	10.7	9.4	9.1	7.9	7.2	6.4				
80DMLVF54.9T4AG	4.9	6.6	13.9	-	-	12.4	12.1	11.1	9.6	8.3	8.1	7.5	7.1	3.8	3	2	
80DMLVF516.6T2BG	16.6	22.3	45	-	41.3	40.9	40.0	37.6	34.2	31.3	-	-	-	-	-	-	-
80DMLVF518.2T2DG	18.2	24.4	40.2	-	-	36.2	35.4	32.8	28.9	25.2	24.8	23.1	21.9	13.0	-	-	-

100 DMLV - 100DMLVF

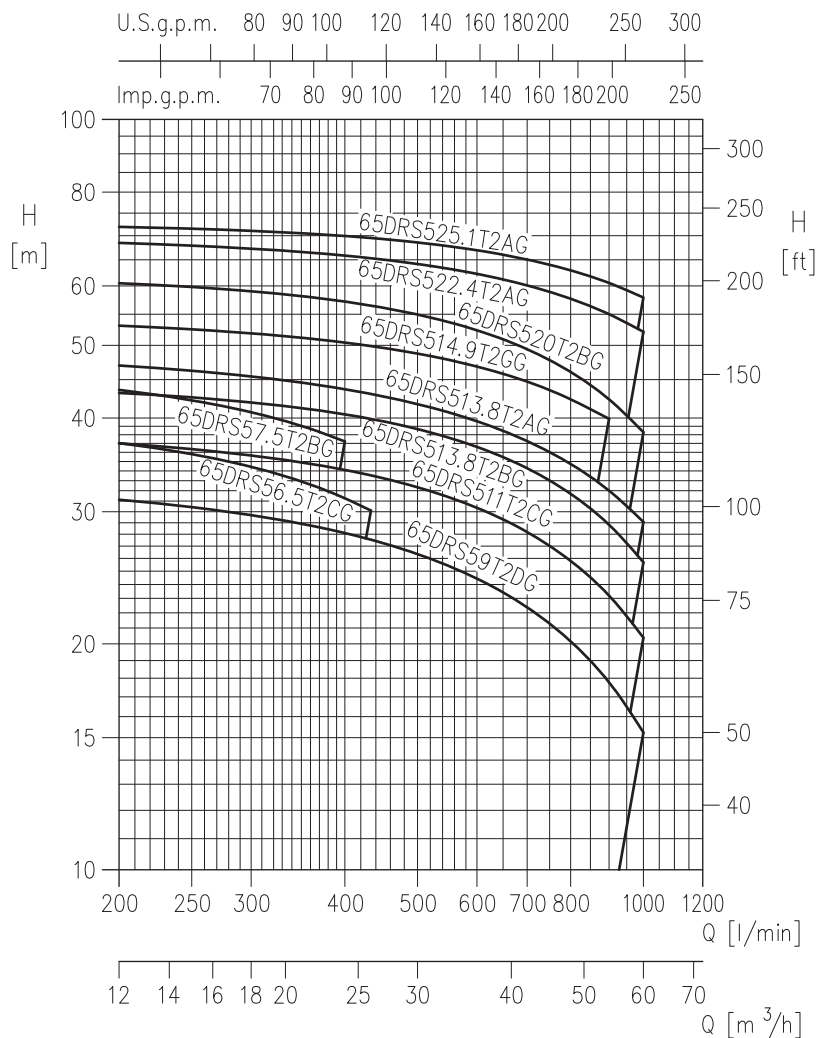
Pump Type	Pow er		Q=Capacity											
	[kW]	[HP]	l/min	0	500	600	800	1000	1200	1700	2000	2400	2800	3333
			m³/h	0	30	36	48	60	72	102	120	144	168	200
H=Total manometric head in meters														
100DMLVF55.2T6BG	5.2	7	8.6	8.3	8.2	8	7.7	7.4	6.4	5.7	4.6	3.4	1.4	
100DMLV5,5	5.5	7.5	13.2	-	11.1	10.6	10.1	9.7	7.9	6.4	-	-	-	
100DMLV57,5	7.5	10	16.8	-	15.4	14.9	14.3	13.7	11.6	10	7	-	-	
100DMLV511	11	15	20.6	-	-	18.8	18.2	17.6	15.8	14.5	12.4	9.9	-	
100DMLV515	15	20	24.9	-	-	-	23.4	23	21.7	20.7	19	16	-	
100DMLV522	22	30	32.1	-	-	-	29.4	29.1	28.2	27.5	26.5	25	-	



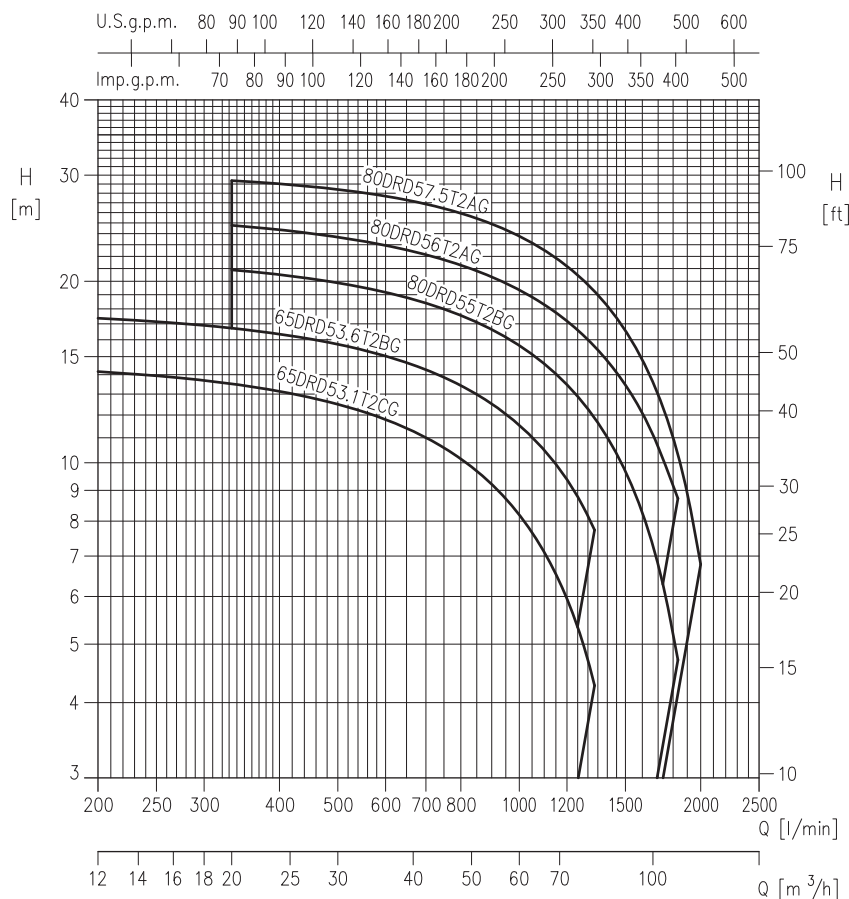
Pump Type DRS/A40	Pow er		Q=Capacity												
	[kW]	[HP]	l/min	0	75	83	92	150	175	200	208	233	242	250	267
			m³/h	0	4.5	5.0	5.5	9.0	10.5	12.0	12.5	14.0	14.5	15.0	16.0
			H=Total manometric head in meters												
40DRS51.1M2CG	1.1	1.5	9	-	-	4.8	1.9	0.6	-	-	-	-	-	-	-
40DRS51.1M2BG	1.1	1.5	11.4	8.8	8.5	8.1	5.3	4	2.5	2	-	-	-	-	-
40DRS51.1M2AG	1.1	1.5	15.5	-	11.8	11.3	8.2	6.7	5.1	4.6	3	2.4	-	-	-
40DRS51.2M2CG	1.2	1.6	16.9	-	15.3	15.1	13	11.9	10.6	10.2	8.8	8.3	7.7	6.6	-
40DRS51.5M2BG	1.5	2	20.9	-	19.1	18.7	16	14.5	12.8	12.2	10.3	-	-	-	-
40DRS51.9M2AG	1.9	2.5	24.8	-	22.5	21.2	19.4	18	16.5	15.9	14.2	13.5	12.9	-	-
40DRS51.1T2CG	1.1	1.5	9.3	6.6	6.2	5.9	3.1	1.8	0.4	-	-	-	-	-	-
40DRS51.1T2BG	1.1	1.5	13.5	11	10.7	10.3	7.4	6	4.4	3.8	2	1.4	-	-	-



Pump Type DRS/A40	Power		Q=Capacity							
			l/min	83	150	200	233	267	300	
	[kW]	[HP]	m³/h	0	5.0	9.0	12.0	14.0	16.0	18.0
H=Total manometric head in meters										
40DRS51.4T2AG	1.4	1.9	17.5	14.1	10.8	7.9	5.9	3.7	-	-
40DRS51.6T2CG	1.6	2.1	16.5	14.9	12.6	10.4	8.7	6.7	-	-
40DRS51.6T2BG	1.6	2.1	21.1	18.8	15.9	13.2	11	-	-	-
40DRS52.4T2AG	2.4	3.2	24.8	22.5	19.4	16.5	14.2	11.6	-	-
40DRS53.1T2BG	3.1	4.2	27.3	25.8	23.8	21.8	20.3	18.5	-	-
40DRS53.1T2AG	3.1	4.2	31.8	29.3	27	24.9	23.5	21.9	-	-
40DRS54.2T2CG	4.2	5.6	36.1	34.7	32.9	31.2	29.9	28.5	-	-
40DRS55T2BG	5	6.7	40	39.5	38	36.3	34.9	33.3	-	-
40DRS55T2AG	5	6.7	46	44	42	40	38.4	36.7	34.8	-

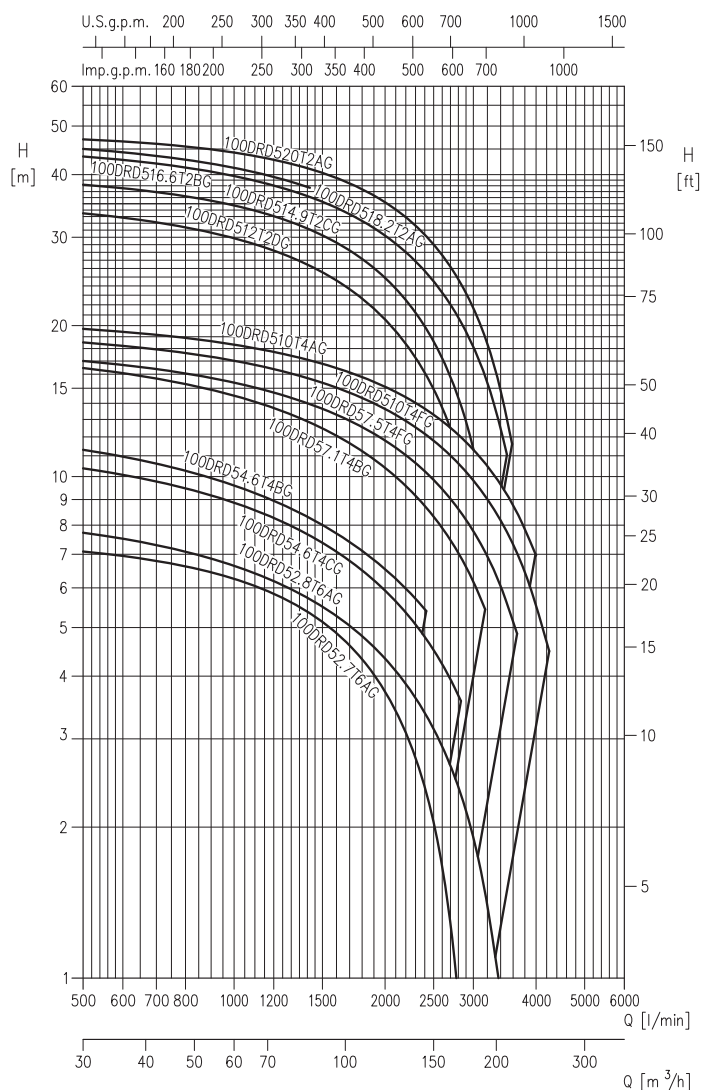
65 DRS

Pump Type DRS/A65	Power		Q=Capacity							
	[kW]	[HP]	l/min	200	400	433	667	900	1000	
			0							
			m³/h	0	12.0	24.0	26.0	40.0	54.0	60.0
H=Total manometric head in meters										
65DRS56.5T2CG	6.5	8.7	40.5	37	31.3	30.1	-	-	-	-
65DRS57.5T2BG	7.5	10.1	47.5	43.5	37.2	-	-	-	-	-
65DRS59T2DG	9	12.1	33.5	31.1	28.1	27.5	23.1	17.8	15.2	
65DRS511T2CG	11	14.8	39.1	37	34.1	33.5	28.9	23.2	20.4	
65DRS513.8T2BG	13.8	18.5	45	43	40.5	39.9	35.1	28.8	25.7	
65DRS513.8T2AG	13.8	18.5	49.5	47	43.5	43	38.1	32	29.1	
65DRS514.9T2GG	14.9	20.0	55	53	50.5	50	45.5	39.8	-	
65DRS520T2BG	20	26.8	62.5	60.5	57	56.5	50.5	42.5	38.3	
65DRS522.4T2AG	22.4	30.0	70	68.5	66	65.5	61	55	52	
65DRS525.1T2AG	25.1	33.7	73	72	70	69.5	65.5	60.5	58	

65-80 DRD

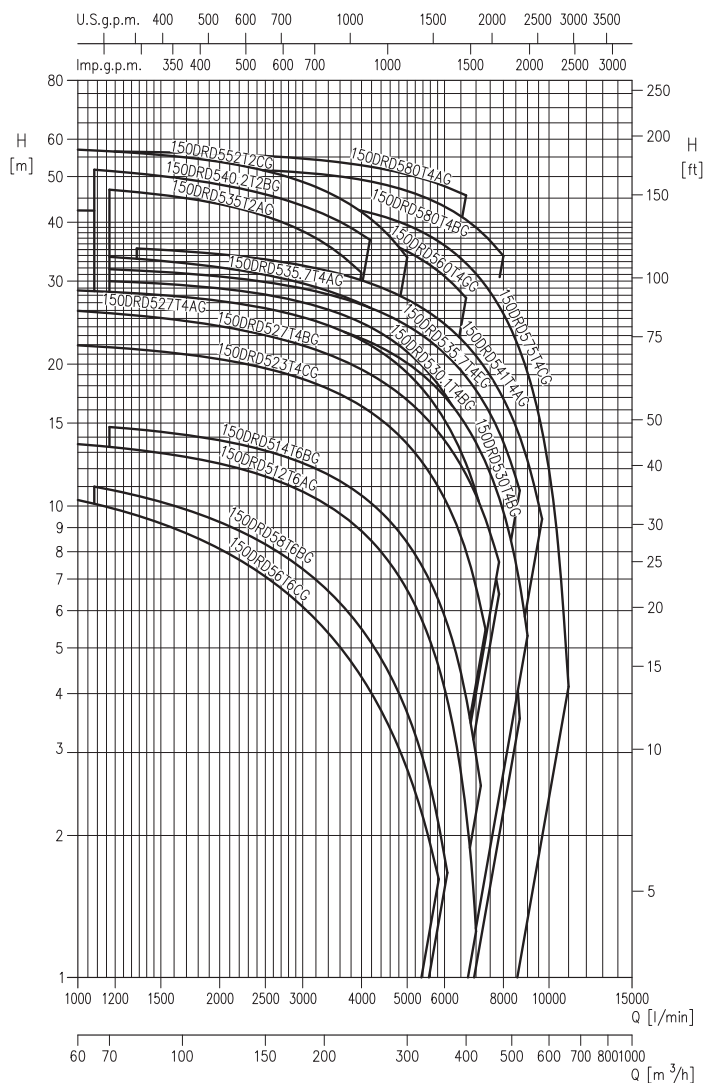
Pump Type DRD/65-80	Power		Q=Capacity							
	[kW]	[HP]	l/min 0	200	333	833	1333	1833	2000	
			m³/h 0	12	20	50	80	110	120	
H=Total manometric head in meters										
65DRD53.1T2CG	3.1	4.2	14.9	14.2	13.5	9.8	4.3	-	-	
65DRD53.6T2BG	3.6	4.8	18.1	17.4	16.7	13.1	7.8	-	-	
80DRD55T2BG	5	6.7	22.4	-	20.9	17.3	11.9	4.7	-	
80DRD56T2AG	6	8	26.4	-	24.8	21	15.6	8.7	-	
80DRD57.5T2AG	7.5	10.1	30.5	-	29.4	25.6	19.2	10.3	6.8	

100 DRD



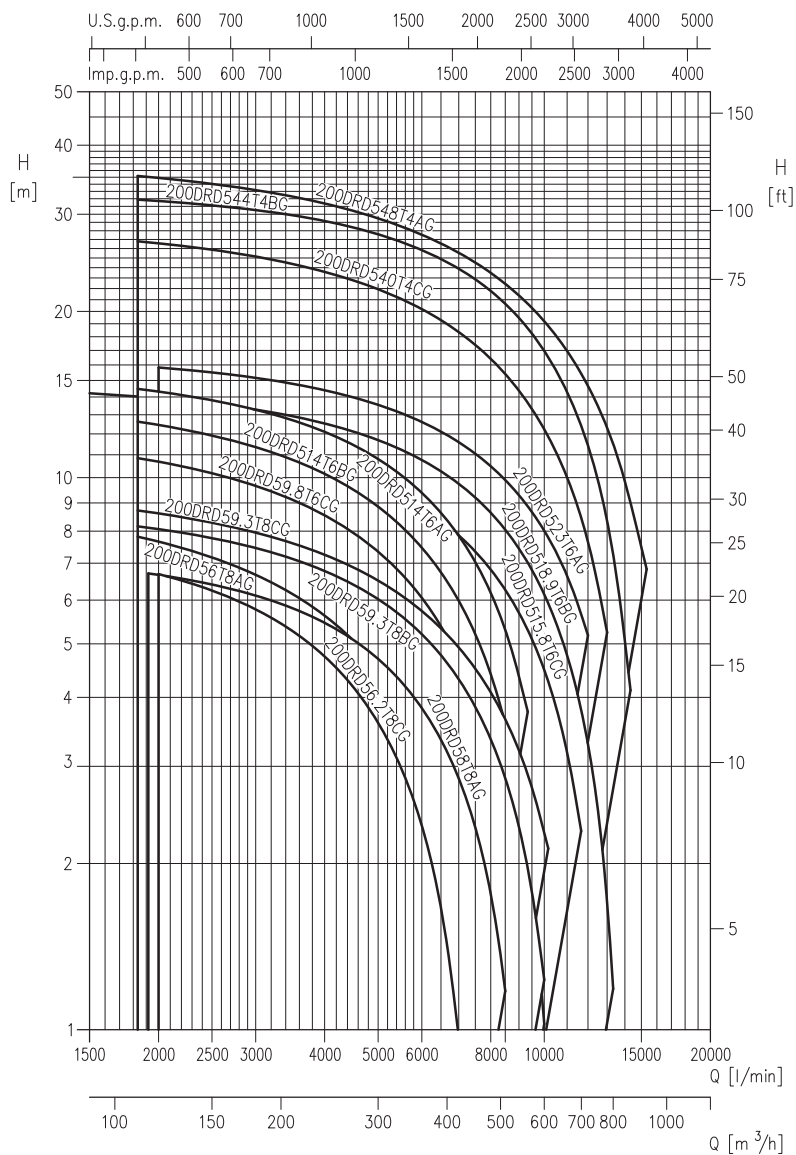
Pump Type DRD/100	Pow er		Q=Capacity															
	[kW]	[HP]	l/min	0	500	833	1417	2417	2833	3000	3167	3333	3500	3583	3667	4000	4250	
			m³/h	0	30	50	85	145	170	180	190	200	210	215	220	240	255	
			H=Total manometric head in meters															
100DRD52.7T6AG	2.7	3.6	7.6	7.1	6.6	5.3	2.3	0.8	-	-	-	-	-	-	-	-	-	
100DRD52.8T6AG	2.8	3.8	8.8	7.7	7	5.7	3.3	2.3	1.9	1.5	1.1	-	-	-	-	-	-	
100DRD54.6T4CG	4.6	6.2	12	10.4	9.4	7.6	4.7	3.6	-	-	-	-	-	-	-	-	-	
100DRD54.6T4BG	4.6	6.2	13.1	11.3	10.2	8.3	5.4	-	-	-	-	-	-	-	-	-	-	
100DRD57.1T4BG	7.1	9.5	18.4	16.5	15.2	12.5	8.3	6.9	6.2	5.5	4.7	-	-	-	-	-	-	
100DRD57.5T4FG	7.5	10.1	18.6	17	15.9	13.7	9.8	8.5	7.8	7.1	6.3	5.6	5.2	4.9	-	-	-	
100DRD510T4FG	10	13.4	20	18.5	15.4	11.8	10.5	9.8	9.1	8.5	7.7	7.4	7	5.6	4.4	-	-	
100DRD510T4AG	10	13.4	21	19.7	18.8	16.8	13.3	12	11.3	10.6	9.9	9.2	8.8	8.5	7	-	-	
100DRD512T2DG	12	16.1	36.5	33.5	31.2	26.3	15.9	10.8	8.6	-	-	-	-	-	-	-	-	
100DRD514.9T2CG	14.9	20.0	41	38.2	36	31.1	19.7	13.9	11.3	8.7	6	-	-	-	-	-	-	
100DRD516.6T2BG	16.6	22.3	46.5	43.5	41	36.1	25.5	20.3	18.1	15.8	13.5	11.1	-	-	-	-	-	
100DRD518.2T2AG	18.2	24.4	48	45	42.5	37.7	-	-	-	-	-	-	-	-	-	-	-	
100DRD520T2AG	20	26.8	48.5	47	45.5	41	30.1	24.2	21.7	18.9	16.1	13.1	11.6	-	-	-	-	

150 DRD

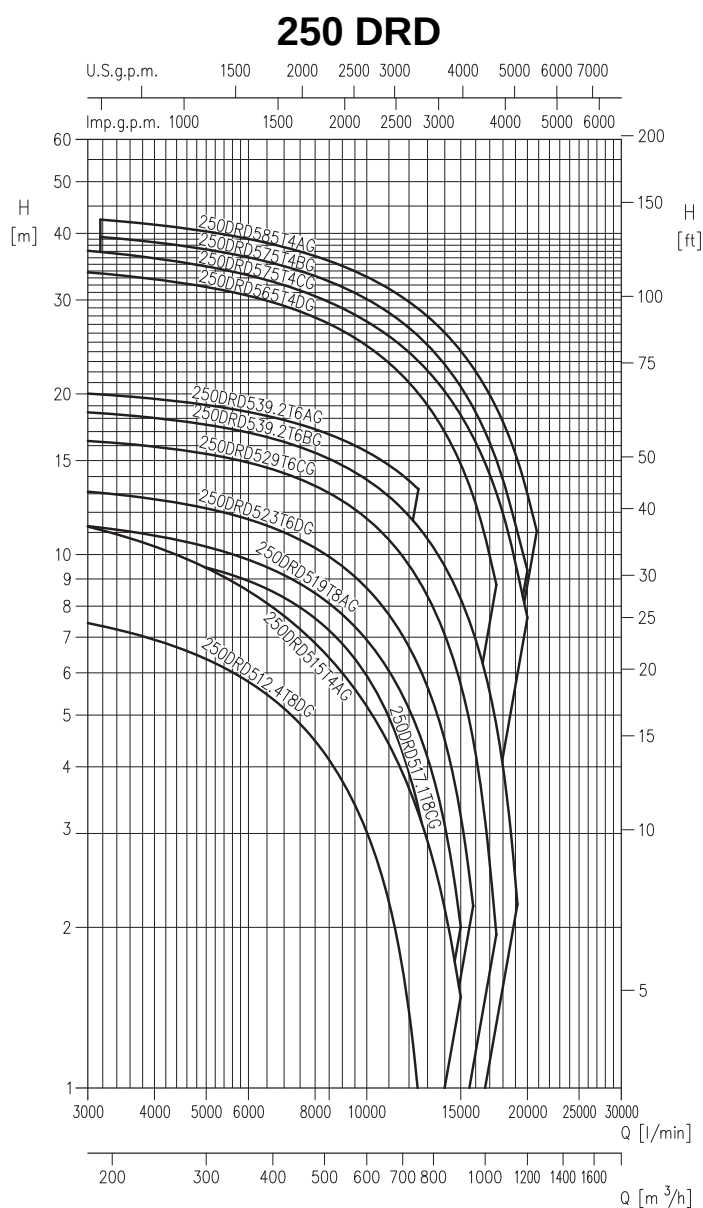


Pump Type DRD/150	Power		Q=Capacity																											
	[kW]	[HP]	l/min	0	1000	1083	1167	1333	2667	4000	4167	5000	5500	5833	6083	6667	7000	7167	7333	7833	8000	8667	9000	9667	11000					
			m³/h	0	60	65	70	80	160	240	250	300	330	350	365	400	420	430	440	470	480	520	540	580	660					
			H=Total manometric head in meters																											
150DRD56T6CG	6	8.0	12.7	10.3	10.1	9.9	9.6	6.8	4.3	4.1	2.8	2.1	1.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD58T6BG	8	10.7	13.1	-	11	10.8	10.5	8	5.5	5.2	3.6	2.7	2.1	1.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD512T6AG	12	16.1	14.5	13.5	13.5	13.4	13.2	11.3	8.8	8.5	6.6	5.4	4.5	3.9	2.2	1.2	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD514T6BG	14	18.8	15.6	-	-	14.7	14.5	12.9	10.5	10.2	8.4	7.1	6.3	5.6	3.9	3	2.5	-	-	-	-	-	-	-	-	-	-	-		
150DRD523T4CG	23	30.8	23	21.9	21.8	21.7	21.5	19.3	16.3	15.9	13.5	12	10.9	10.1	8	6.8	6.1	5.5	-	-	-	-	-	-	-	-	-	-		
150DRD527T4BG	27	36.2	27.6	26	25.8	25.7	25.4	22.7	19.5	19	16.8	15.3	14.3	13.5	11.7	10.5	10	9.4	7.6	-	-	-	-	-	-	-	-	-		
150DRD527T4AG	27	36.2	29.5	28.7	28.6	28.5	28.3	25.9	22.5	22	19.2	17.3	15.9	14.9	12.3	10.7	9.9	9	6.4	-	-	-	-	-	-	-	-	-		
150DRD530T4BG	30	40.2	28.5	-	-	27.5	27.4	25.4	22.7	22.3	20.1	18.6	17.6	16.8	14.8	13.6	13	12.4	10.4	9.7	6.9	5.4	-	-	-	-	-	-		
150DRD530.1T4BG	30	40.2	30.7	-	-	30	29.8	27.8	24.5	24	21.2	19.4	18	17	14.3	12.7	11.9	11.1	8.4	7.5	3.6	-	-	-	-	-	-	-		
150DRD535T2AG	35	46.9	49.5	-	-	47	46.5	40.5	31.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD535.7T4EG	35.7	47.9	32.9	-	-	31.8	31.7	29.6	26.8	26.3	24.1	22.7	21.6	20.8	18.8	17.6	17	16.3	14.4	13.7	10.8	-	-	-	-	-	-	-		
150DRD535.7T4AG	35.7	47.9	35.7	-	-	33.8	30.5	26.9	26.4	23.6	21.9	20.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD540.2T2BG	40.2	53.9	55	-	51.7	51.4	50.8	45	37.7	36.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD541T4AG	41	55.0	36.7	-	-	-	35.3	33	30.1	29.7	27.4	25.9	24.9	24.1	22	20.8	20.2	19.6	17.6	16.9	14	12.5	9.4	-	-	-	-	-		
150DRD552T2CG	52	69.7	58.6	57	56.8	56.6	56.1	50.6	42	40.8	33.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD560T4GG	60	80.5	42.5	42.5	42.5	42.5	42	41	37.8	37.3	34.7	32.8	31.4	30.4	27.6	-	-	-	-	-	-	-	-	-	-	-	-	-		
150DRD575T4CG	75	100.6	45	-	-	-	45.5	45	42.5	42	39.5	37.7	36.4	35.4	32.7	31.1	30.2	29.4	26.6	25.6	21.4	19.2	14.4	3.8	-	-	-	-		
150DRD580T4BG	80	107.3	51.5	52	52	52	52	51.5	49	49	48.5	45	44	43	40.5	39	38.2	37.4	34.8	33.9	-	-	-	-	-	-	-	-		
150DRD580T4AG	80	107.3	57	-	-	56.5	55	53	52.5	50.5	49	49	48	47.5	45.5	-	-	-	-	-	-	-	-	-	-	-	-	-		

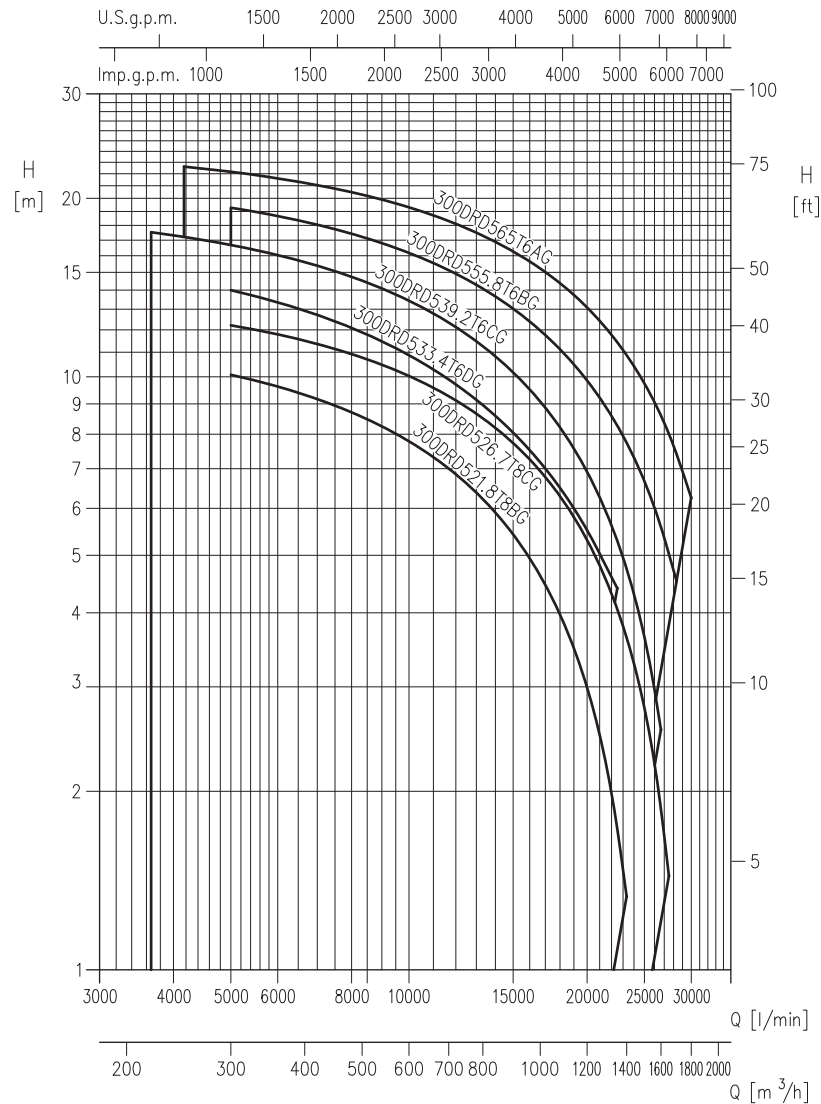
200 DRD



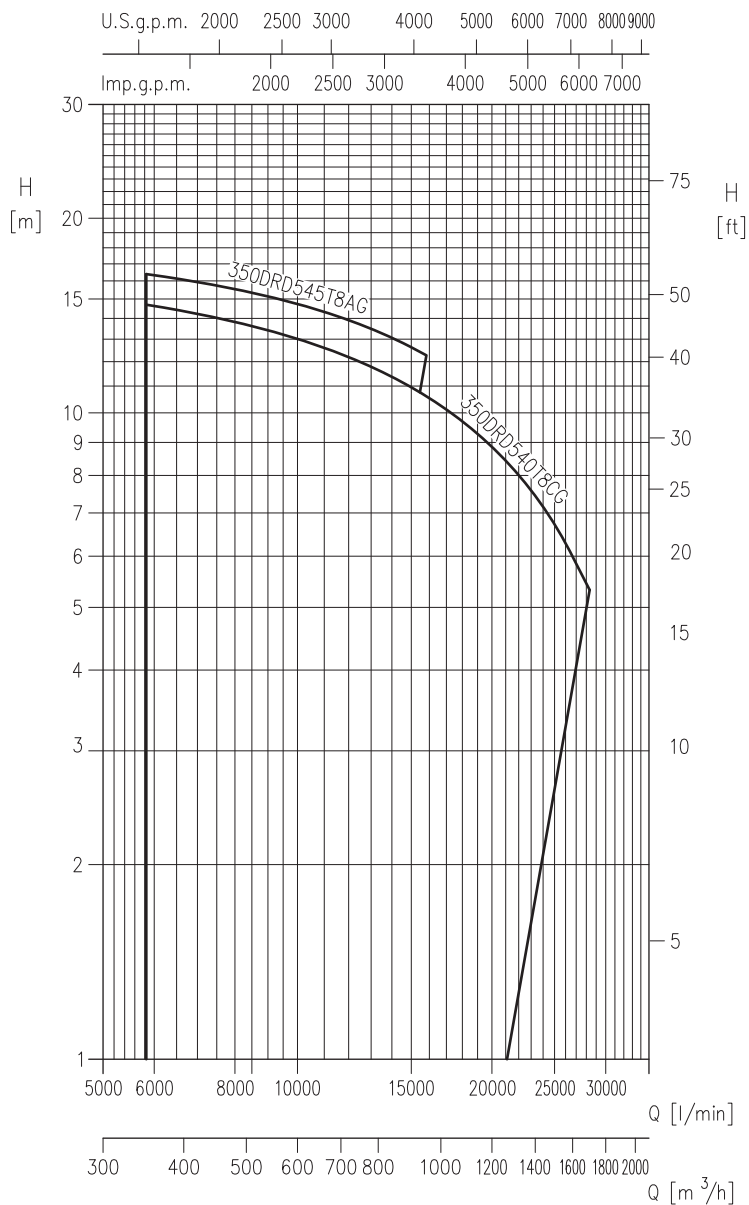
Pump Type DRD/200	Power		Q=Capacity																			
	[kW]	[HP]	l/min	0	1667	1833	1917	2000	4500	7000	7667	8500	9167	9333	10000	10167	11667	12000	13000	13333	14333	15333
			m³/h	0	100	110	115	120	270	420	460	510	550	560	600	610	700	720	780	800	860	920
200DRD56T8AG	6	8.0	9.5	-	-	7.7	7.7	5.1	2.2	1.3	-	-	-	-	-	-	-	-	-	-	-	-
200DRD56.2T8CG	6.2	8.3	8.2	-	-	-	6.7	4.2	1	-	-	-	-	-	-	-	-	-	-	-	-	-
200DRD58T8AG	8	10.7	7.4	-	6.7	6.7	6.7	5.1	2.9	2.1	1.2	-	-	-	-	-	-	-	-	-	-	-
200DRD59.3T8CG	9.3	12.5	9.1	-	8.2	8.1	8.1	6.4	4.3	3.7	2.9	2.2	1.8	1.2	1	-	-	-	-	-	-	-
200DRD59.3T8BG	9.3	12.5	9.8	-	8.7	8.7	8.6	6.9	4.9	4.4	3.6	3.1	2.7	2.3	-	-	-	-	-	-	-	-
200DRD59.8T6CG	9.8	13.1	12.5	-	10.9	10.8	10.7	8	4.7	3.7	2.5	1.4	-	-	-	-	-	-	-	-	-	-
200DRD514T6BG	14	18.8	14.4	-	12.6	12.5	12.5	9.5	6	4.9	3.6	2.4	1.8	1	-	-	-	-	-	-	-	-
200DRD514T6AG	14	18.8	16	-	14.5	14.4	14.3	11.5	7.8	6.7	5.3	4.1	3.5	-	-	-	-	-	-	-	-	-
200DRD515.8T6CG	15.8	21.2	12.9	-	12	11.9	11.9	10.1	7.9	7.2	6.3	5.5	5.3	4.5	4.3	2.3	-	-	-	-	-	-
200DRD518.9T6BG	18.9	25.3	15	14.1	14	14	13.9	12.1	9.7	9	8	7.2	7	6.1	5.9	3.8	3.3	1.7	1.2	-	-	-
200DRD523T6AG	23	30.8	16.9	-	-	-	15.8	14	11.6	10.9	9.9	9.1	8.9	8	7.8	5.7	5.2	-	-	-	-	-
200DRD540T4CG	40	53.6	29.2	-	26.8	26.7	26.6	22.8	18.4	17.1	15.4	14	13.7	12.2	11.9	8.5	7.7	5.2	-	-	-	-
200DRD544T4BG	44	59.0	33.6	-	31.9	31.8	31.7	28.4	23.9	22.5	20.6	19.1	18.7	17	16.5	12.4	11.4	8.4	7.3	4	-	-
200DRD548T4AG	48	64.4	38.3	-	35.2	35.1	34.9	30.4	25.5	24.2	22.4	21	20.7	19.2	18.8	15.4	14.7	12.3	11.5	9.1	6.6	-



Pump Type DRD/250	Power		Q=Capacity															
	[kW]	[HP]	l/min	0	3000	3167	5000	8333	12500	12667	14000	15000	15833	17500	19167	19833	20000	20833
			m³/h	0	180	190	300	500	750	760	840	900	950	1'050	1'150	1'190	1'200	1'250
			H=Total manometric head in meters															
250DRD515T4AG	15	20.1	14.2	11.3	11.1	9.4	6.3	3.3	3.1	2.2	1.5	-	-	-	-	-	-	
250DRD512.4T8BDG	12.4	16.6	8.7	7.4	7.4	6.4	4	1	0.8	-	-	-	-	-	-	-	-	
250DRD517.1T8CG	17.1	22.9	10.8	10.3	10.2	9.5	7.1	3.3	3.1	1.5	-	-	-	-	-	-	-	
250DRD519T8AG	19	25.5	12.3	11.3	11.2	10.3	8	4.7	4.5	3.1	2	-	-	-	-	-	-	
250DRD523T6DG	23	30.8	13.9	13.1	13.1	12.2	9.8	6.2	6	4.5	3.3	2.2	-	-	-	-	-	
250DRD529T6CG	29	38.9	17	16.3	16.3	15.4	12.9	9	8.8	7.1	5.7	4.5	1.9	-	-	-	-	
250DRD539.2T6BG	39.2	52.6	19.4	18.5	18.4	17.5	15	11.3	11.1	9.5	8.3	7.1	4.8	2.2	-	-	-	
250DRD539.2T6AG	39.2	52.6	21	20	20	19.1	16.7	13.3	-	-	-	-	-	-	-	-	-	
250DRD565T4DG	65	87.2	36.1	33.8	33.7	31.7	26.8	20	19.7	17	14.8	12.8	8.8	-	-	-	-	
250DRD575T4CG	75	100.6	40.5	37.1	36.9	34.7	29.5	23	22.7	20.2	18.3	16.6	13	9.3	7.8	7.4	-	
250DRD575T4BG	75	100.6	42.5	-	39.4	37.3	32.3	25.7	25.3	22.7	20.6	18.8	15	11	9.4	-	-	
250DRD585T4AG	85	114.0	45.5	-	42.5	40.5	35.3	28.9	28.6	26.1	24.1	22.4	18.8	15	13.5	13.1	11.1	

300 DRD

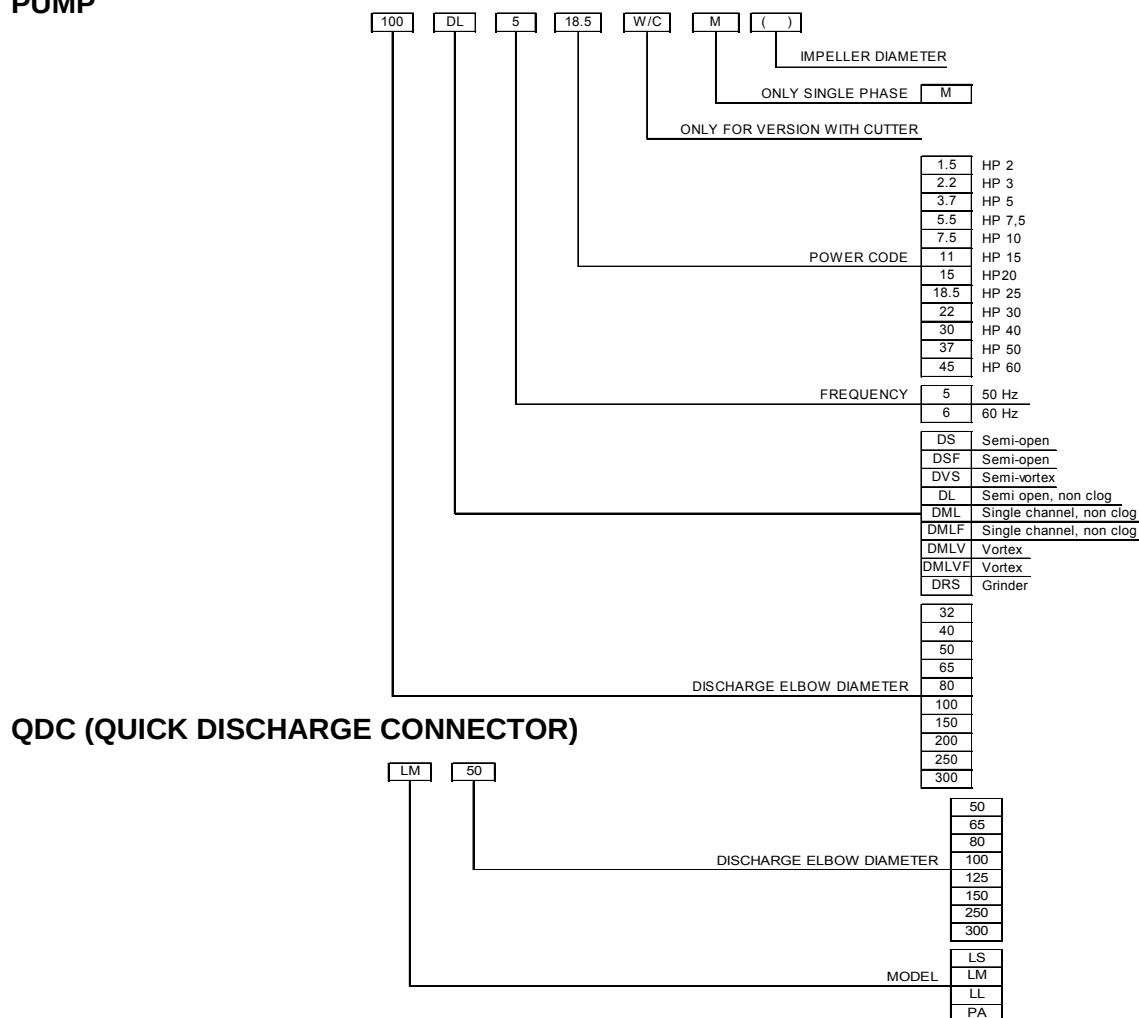
Pump Type DRD/350	Pow er		Q=Capacity														
	[kW]	[HP]	l/min	0	3667	4167	5000	8333	11667	15000	18333	22500	23333	26667	27500	28333	30000
			m³/h	0	220	250	300	500	700	900	1'100	1'350	1'400	1'600	1'650	1'700	1'800
			H=Total manometric head in meters														
300DRD521.8T8BG	21.8	29.2	12.3	-	-	10.1	8.6	7	5.4	3.8	1.7	1.3	-	-	-	-	
300DRD526.7T8CG	26.7	35.8	14.3	-	-	12.2	10.8	9.3	7.7	6.1	4.1	3.6	1.9	1.4	-	-	
300DRD533.4T6DG	33.4	44.8	17.4	-	-	14	11.9	9.9	8	6.3	4.3	-	-	-	-	-	
300DRD539.2T6CG	39.2	52.6	20	17.6	17.2	16.7	14.5	12.4	10.2	8	5.3	4.7	2.6	-	-	-	
300DRD555.8T6BG	55.8	74.8	22.4	-	-	19.3	17.2	15.1	13	10.9	8.3	7.7	5.6	5.1	4.5	-	
300DRD565T6AG	65	87.2	24.9	-	22.6	22.2	20.3	18.3	16.3	14.2	11.4	10.9	8.6	8	7.4	6.2	

350 DRD

Pump Type DRD/350	Pow er		Q=Capacity								
	[kW]	[HP]	l/min	0	5833	8333	11667	15833	20000	25000	28333
			m³/h	0	350	500	700	950	1'200	1'500	1'700
			H=Total manometric head in meters								
350DRD540T8CG	40	53.6	17	14.7	13.7	12.3	10.6	8.9	6.7	5.3	
350DRD545T8AG	45	60.3	18.6	16.4	15.4	14.1	12.3	-	-	-	

PERFORMANCE CURVE**50 Hz**

Rev. E

**TYPE KEY
PUMP****PERFORMANCE CURVE SPECIFICATIONS**

The specifications below qualify the curves shown on the following pages.

Tolerances according to ISO 9906 Annex A

The curves refer to effective speed of asynchronous motors at 50 Hz

Measurements were carried out with clean water at 20°C of temperature and with a kinematic viscosity of $\nu = 1 \text{ mm}^2/\text{s}$ (1 cSt)

The continuous curves indicate the recommended working range. The dotted curve is only a guide.

In order to avoid the risk of over-heating, the pumps should not be used at a flow rate below 10% of best efficiency point.

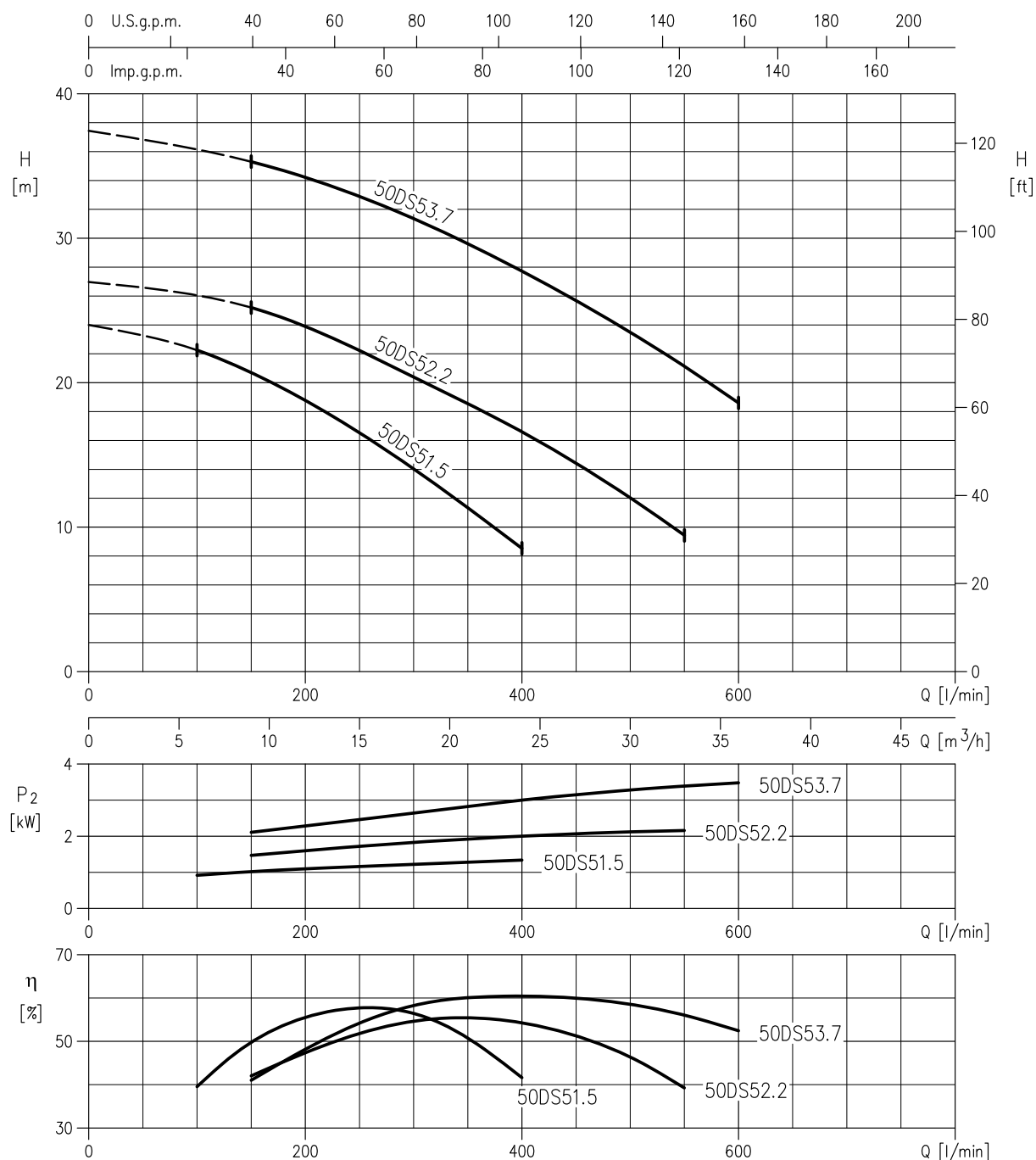
Symbols explanation:

- Q = volume flow rate
- H = total head
- P_2 = pump power input (shaft power)
- η = pump efficiency

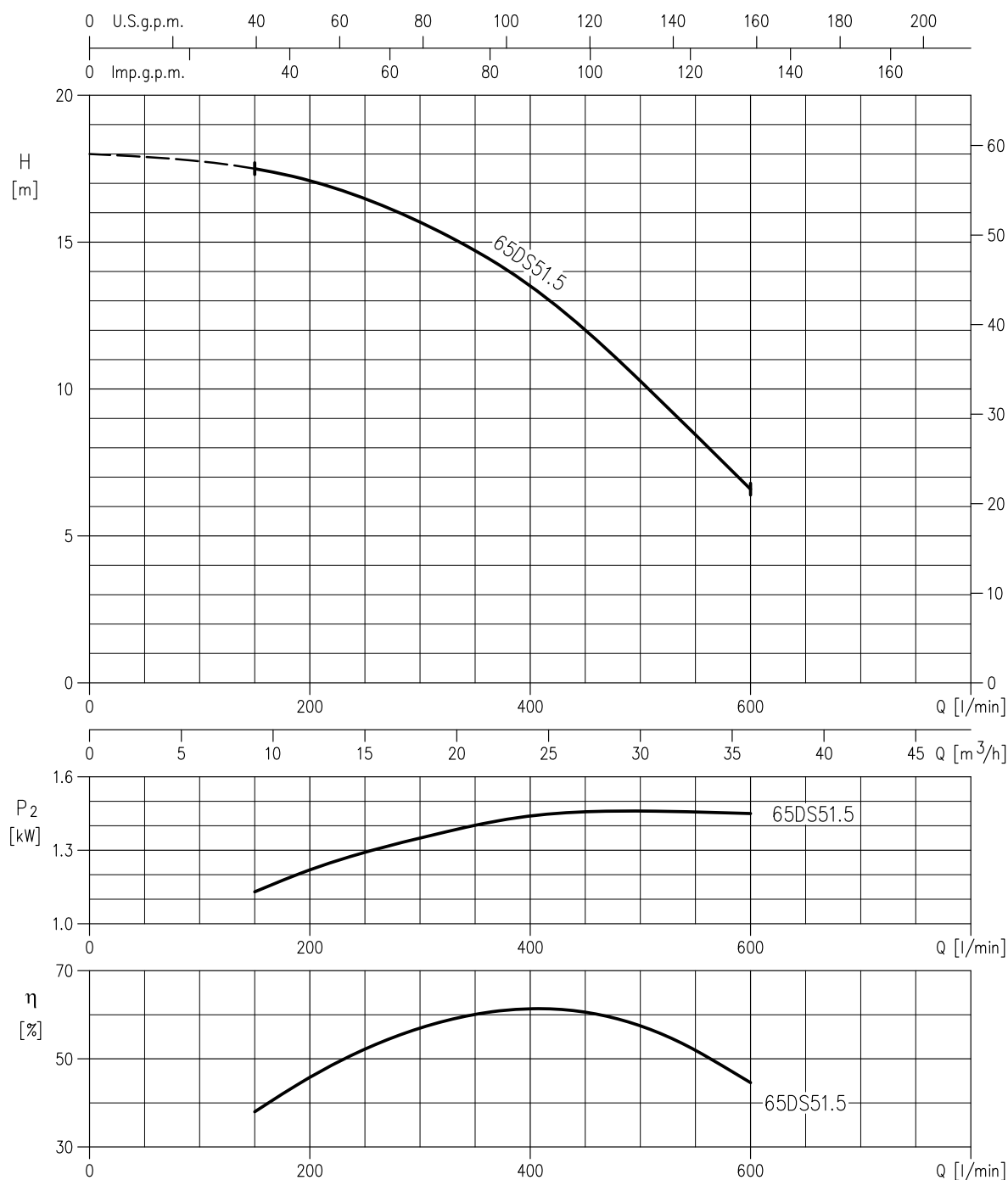
50DS51.5 (1.5 kW)

50DS52.2 (2.2 kW)

50DS53.7 (3.7 kW)



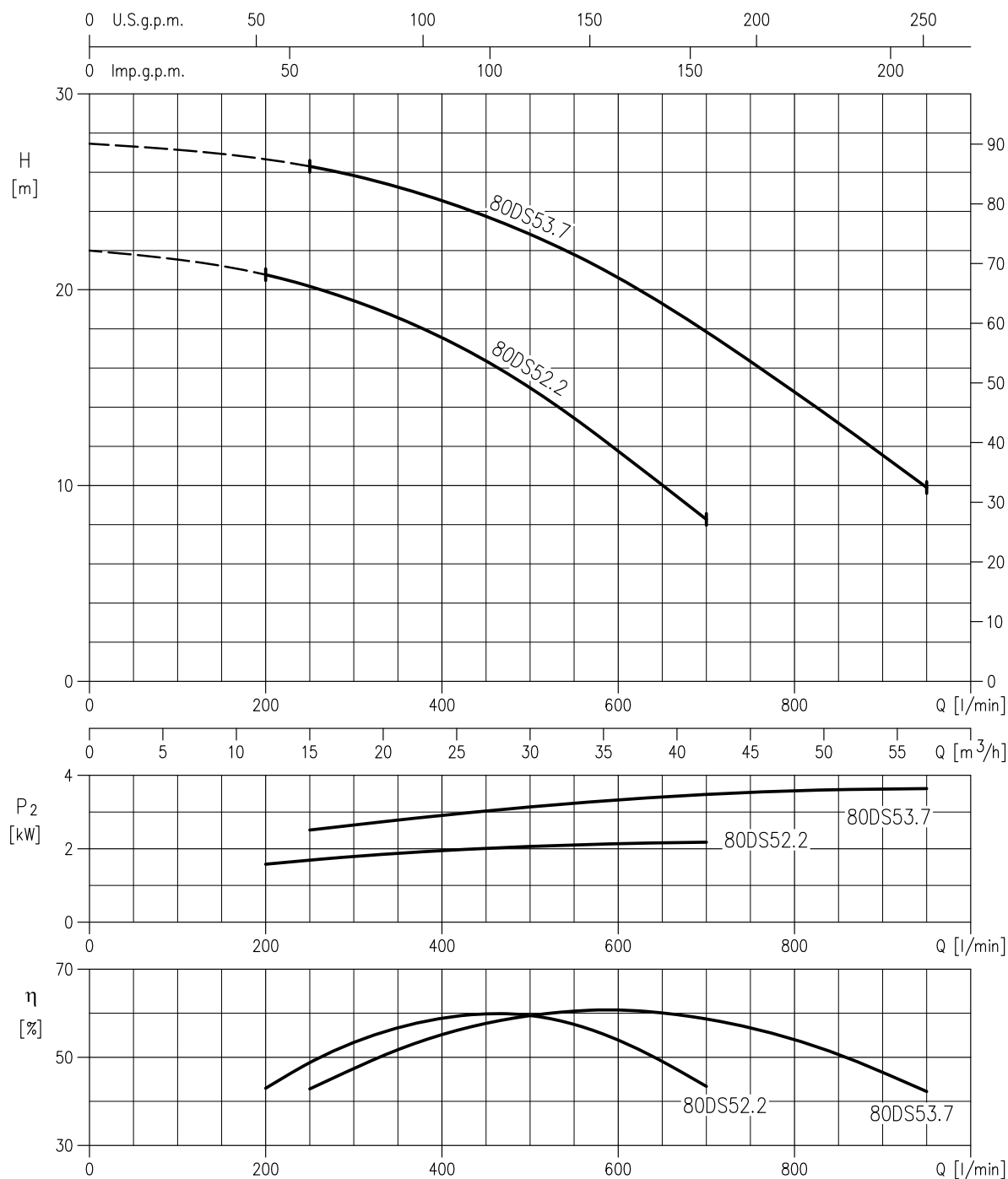
Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

65DS51.5 (1.5 kW)

Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

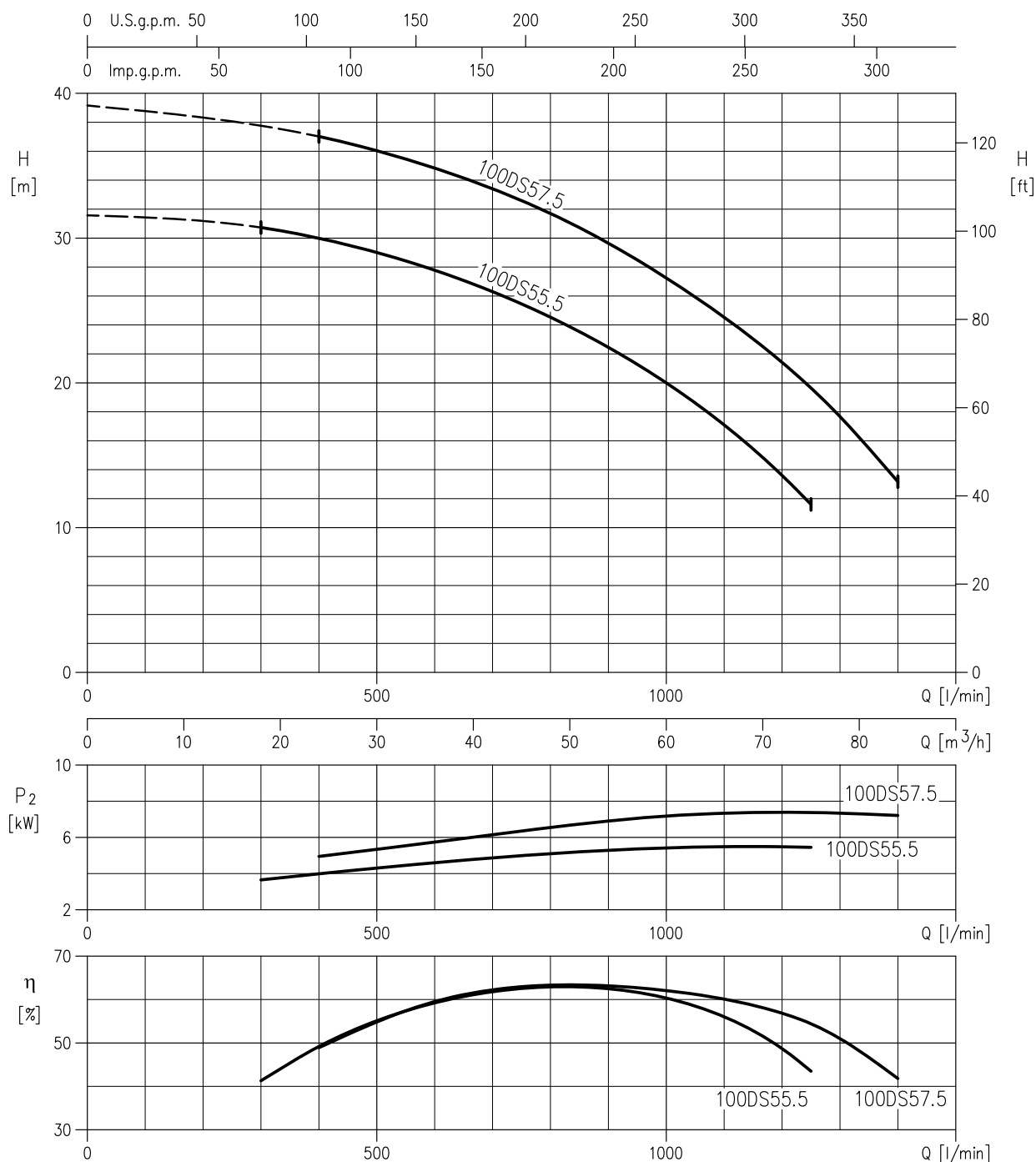
80DS52.2 (2.2 kW)

80DS53.7 (3.7 kW)



Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DS55.5 (5.5 kW)
100DS57.5 (7.5 kW)

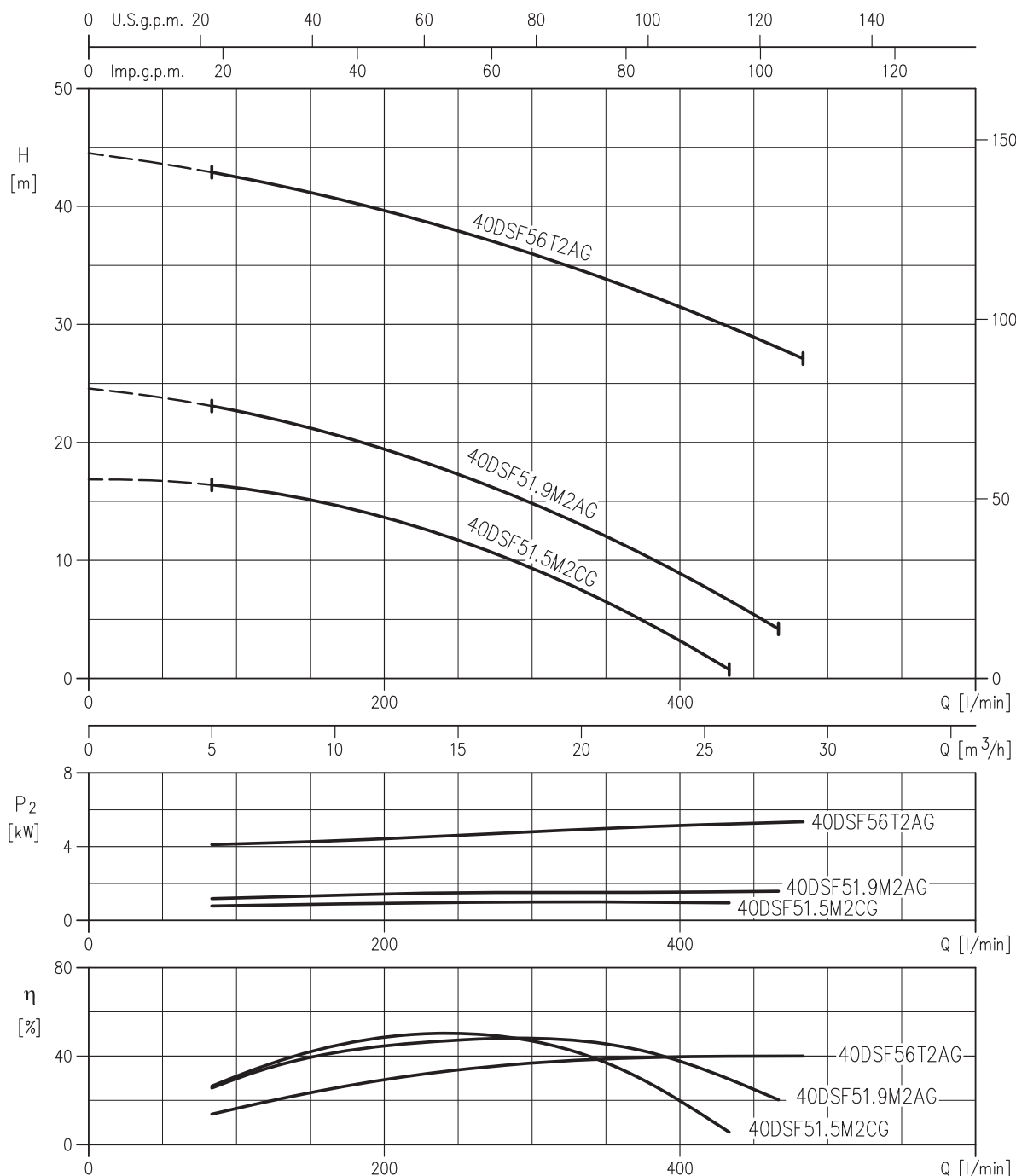


Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

40DSF51.5M2CG (1.5 kW)

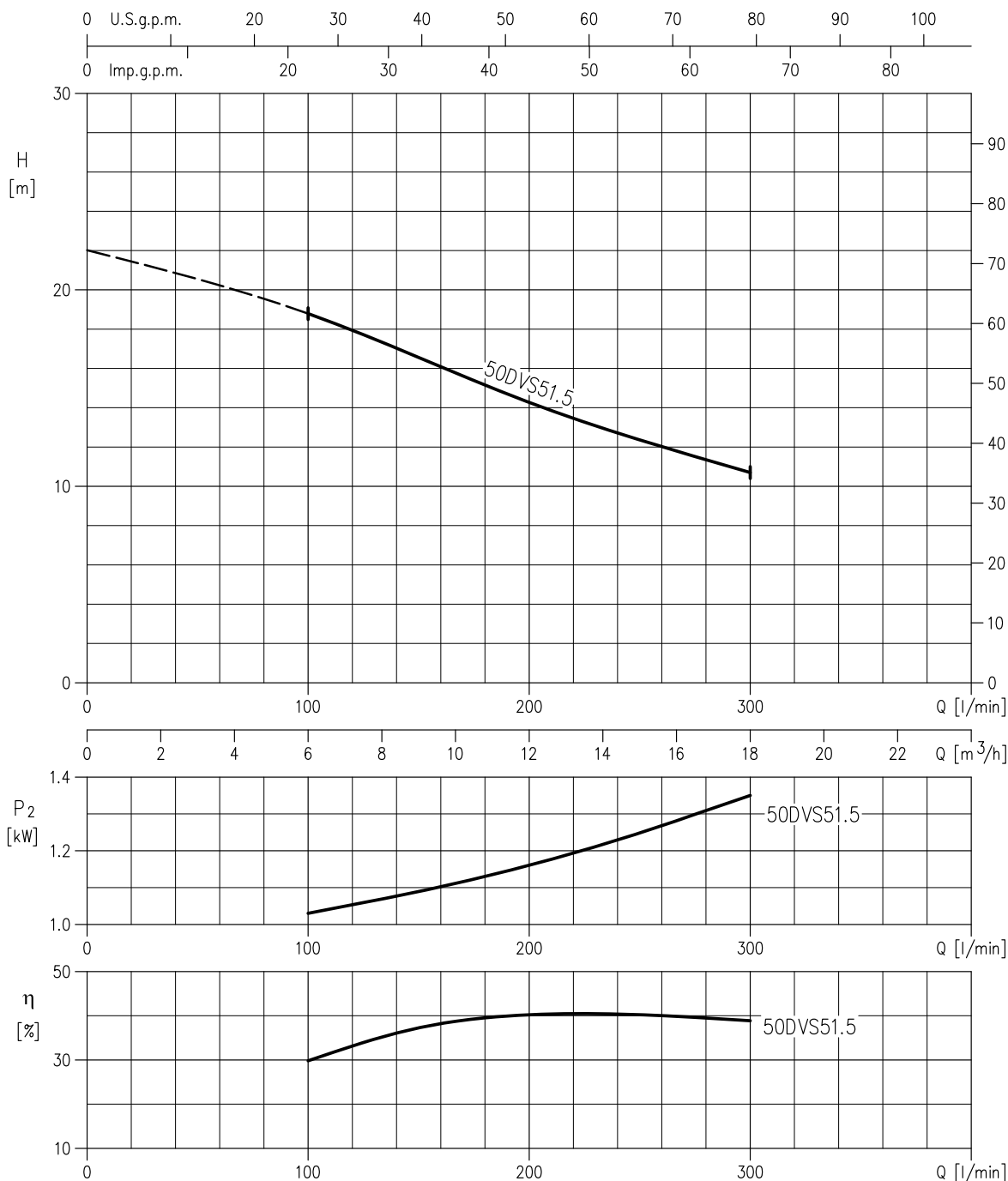
40DSF51.9M2AG (1.9 kW)

40DSF56T2AG (6.0 kW)



Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

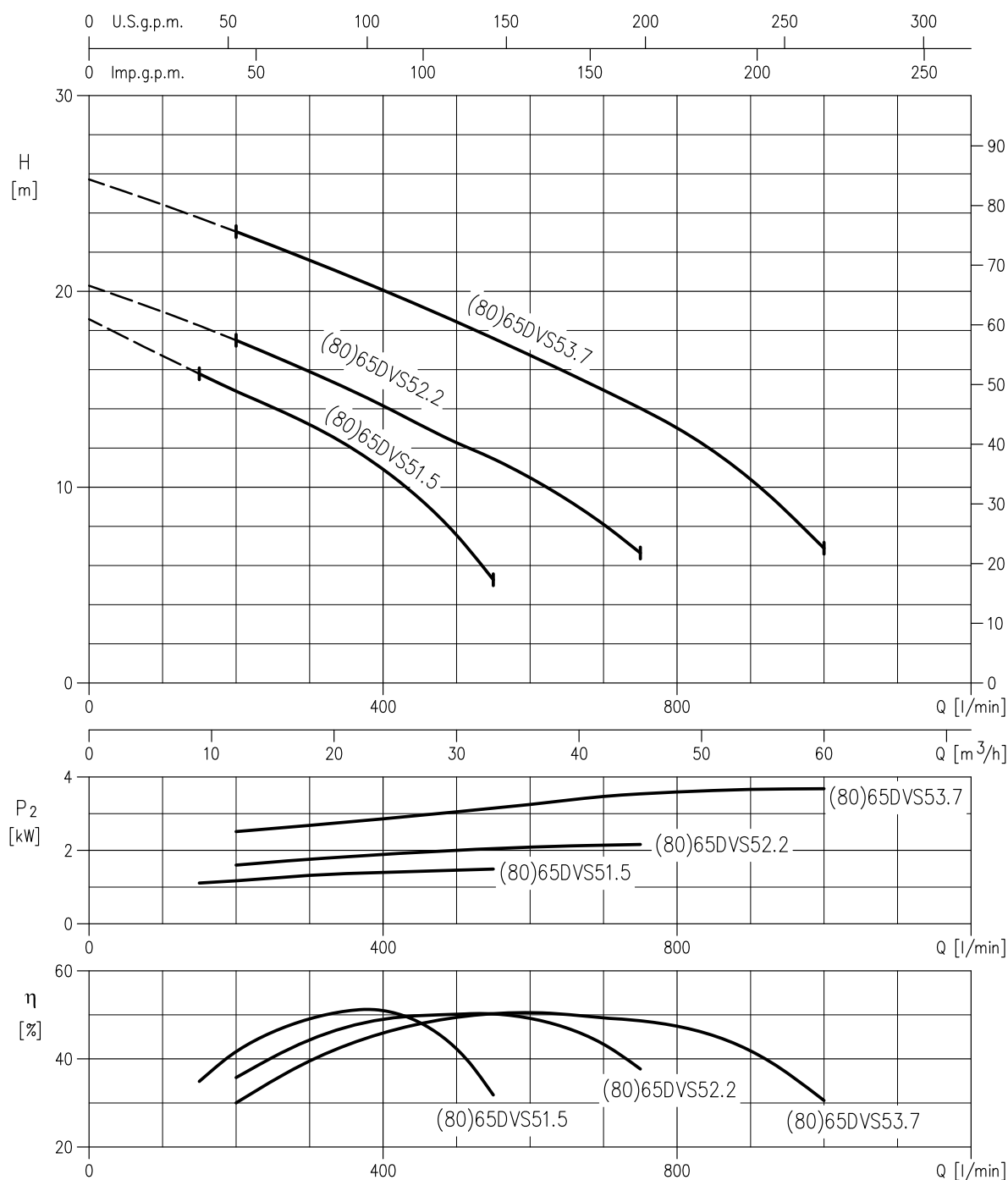
50DVS51.5 (1.5 kW)



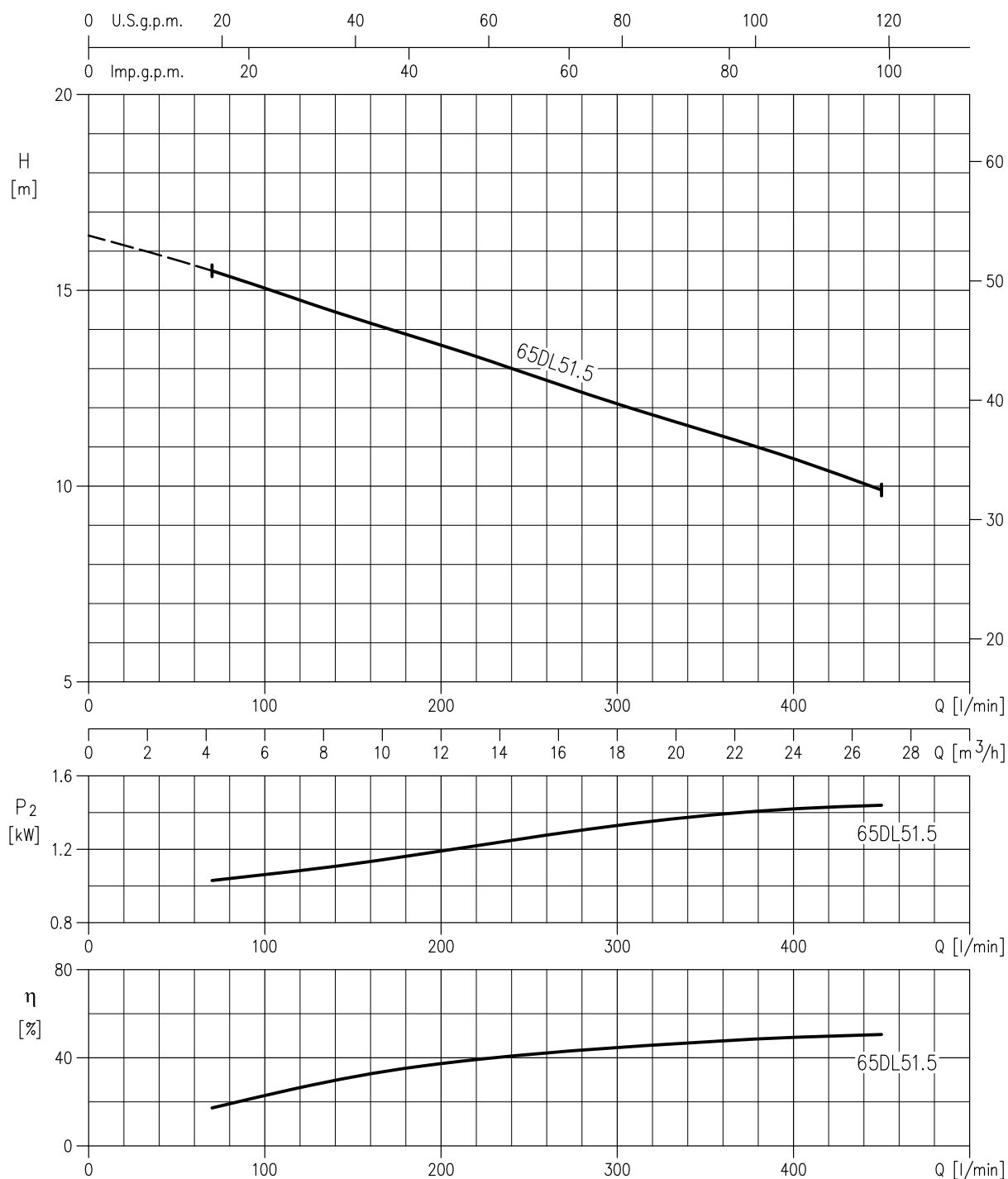
Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

Rev. E

(80)65DVS51.5 (1.5 kW)**(80)65DVS52.2 (2.2 kW)****(80)65DVS53.7 (3.7 kW)**

Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

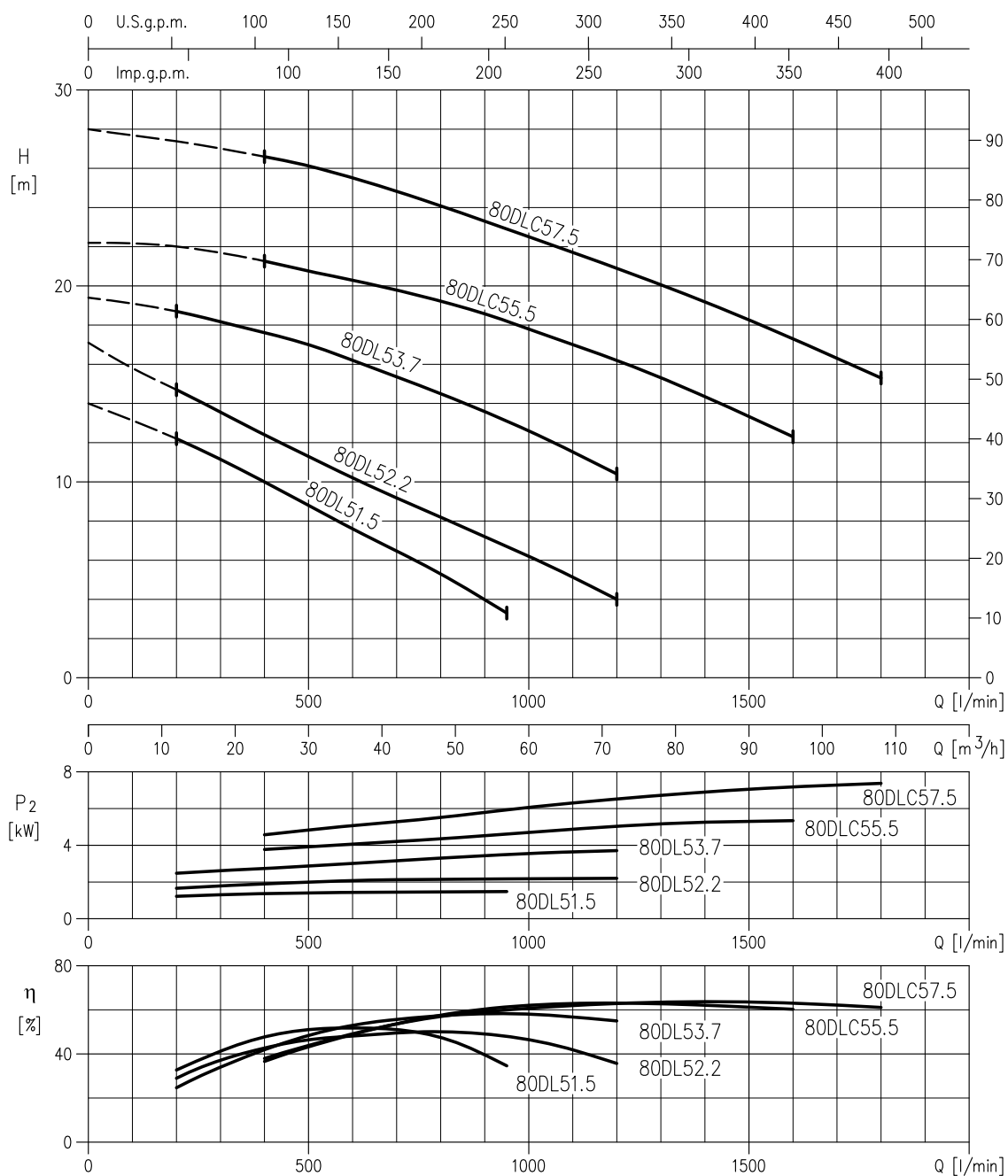
65DL51.5 (1.5 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

Rev. E

80DL51.5 (1.5 kW)
80DL52.2 (2.2 kW)
80DL53.7 (3.7 kW)
80DLC55.5 (5.5 kW)
80DLC57.5 (7.5 kW)

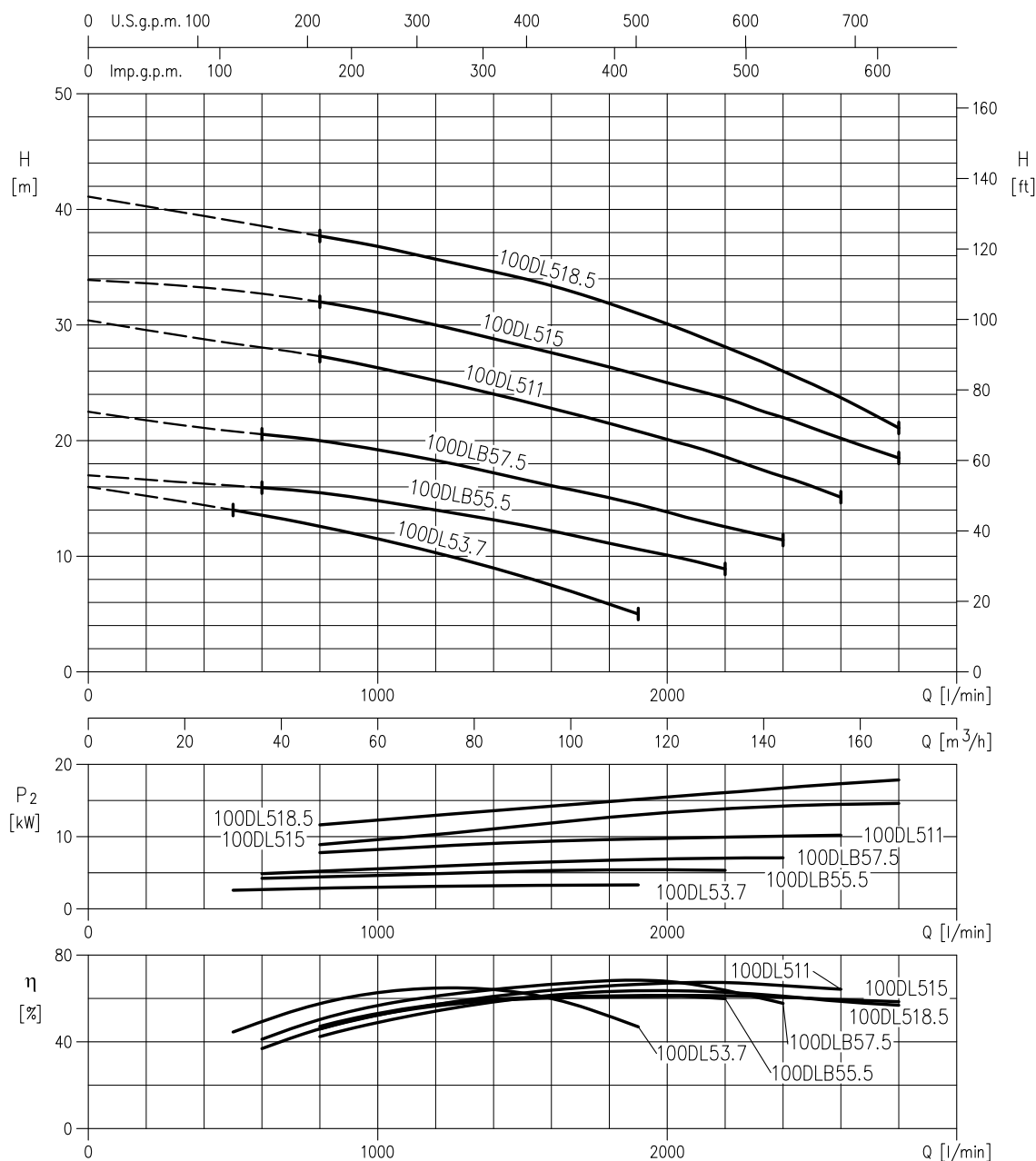


Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

Rev. E

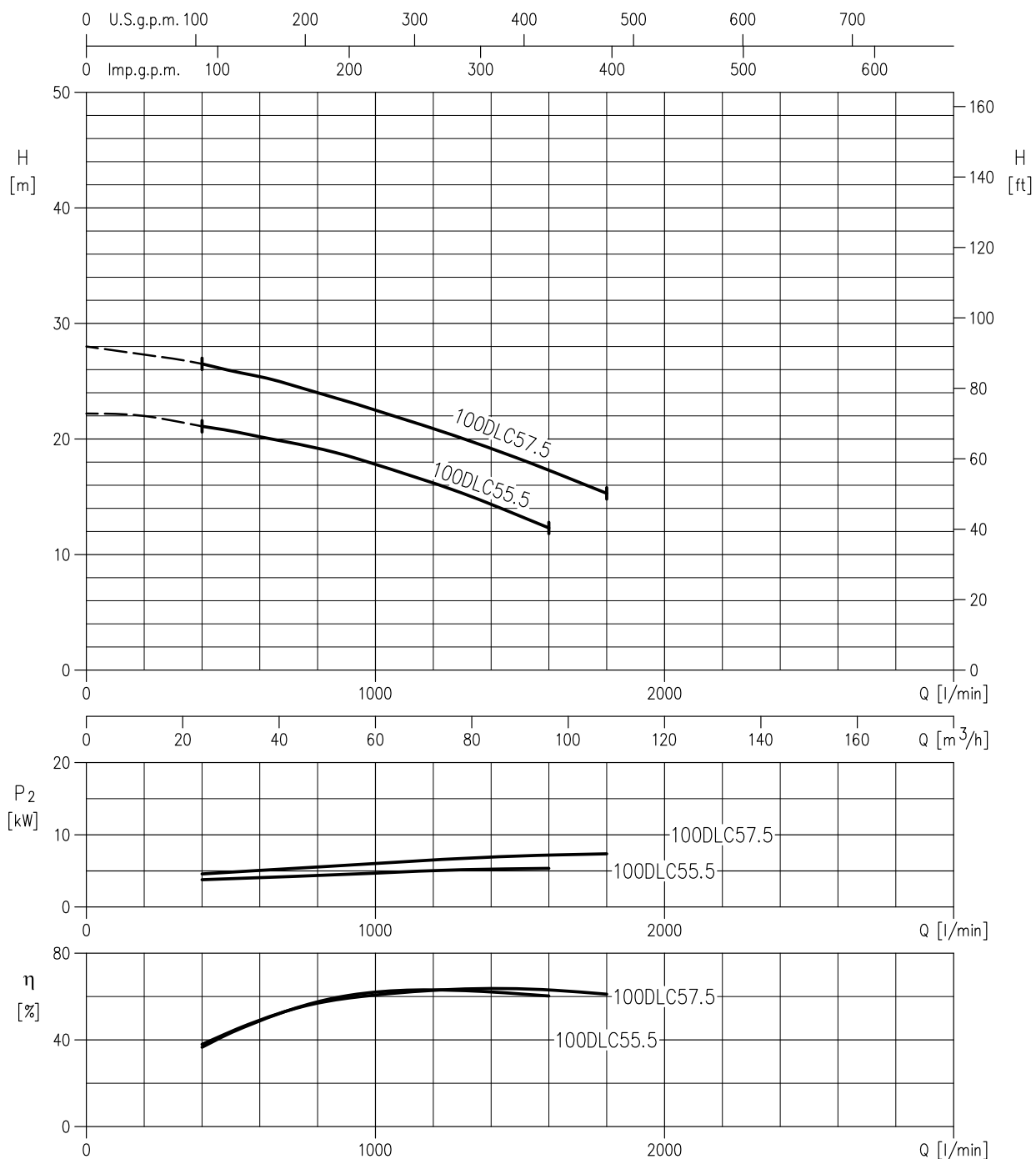
100DL53.7 (3.7 kW)
100DLB55.5 (5.5 kW)
100DLB57.5 (7.5 kW)
100DL511 (11 kW)
100DL515 (15 kW)
100DL518.5 (18.5 kW)



Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

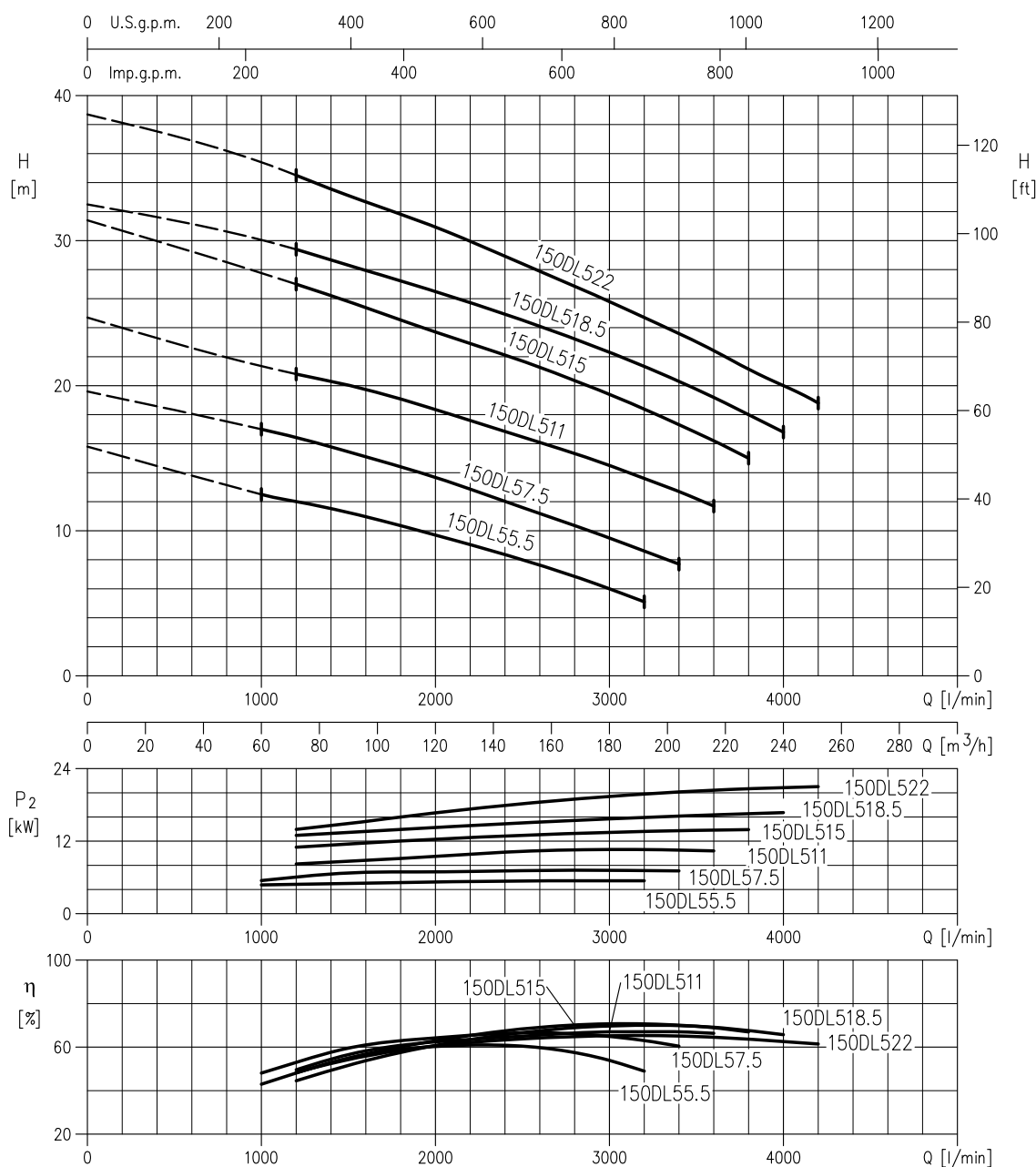
100DLC55.5 (5.5 kW)

100DLC57.5 (7.5 kW)

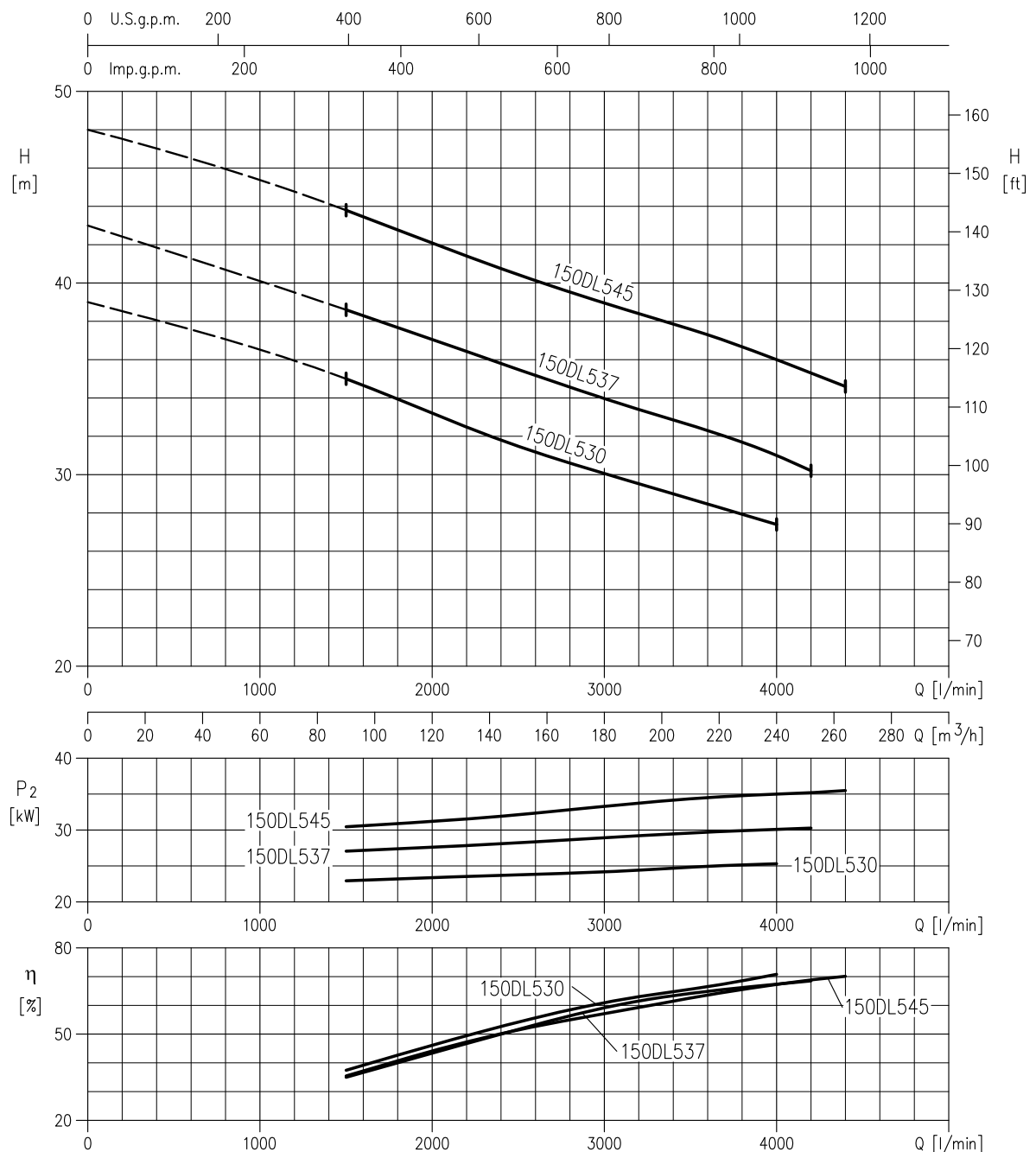


Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

150DL55.5 (5.5 kW)
150DL57.5 (7.5 kW)
150DL511 (11 kW)
150DL515 (15 kW)
150DL518.5 (18.5 kW)
150DL522 (22 kW)



150DL530 (30 kW)
150DL537 (37 kW)
150DL545 (45 kW)

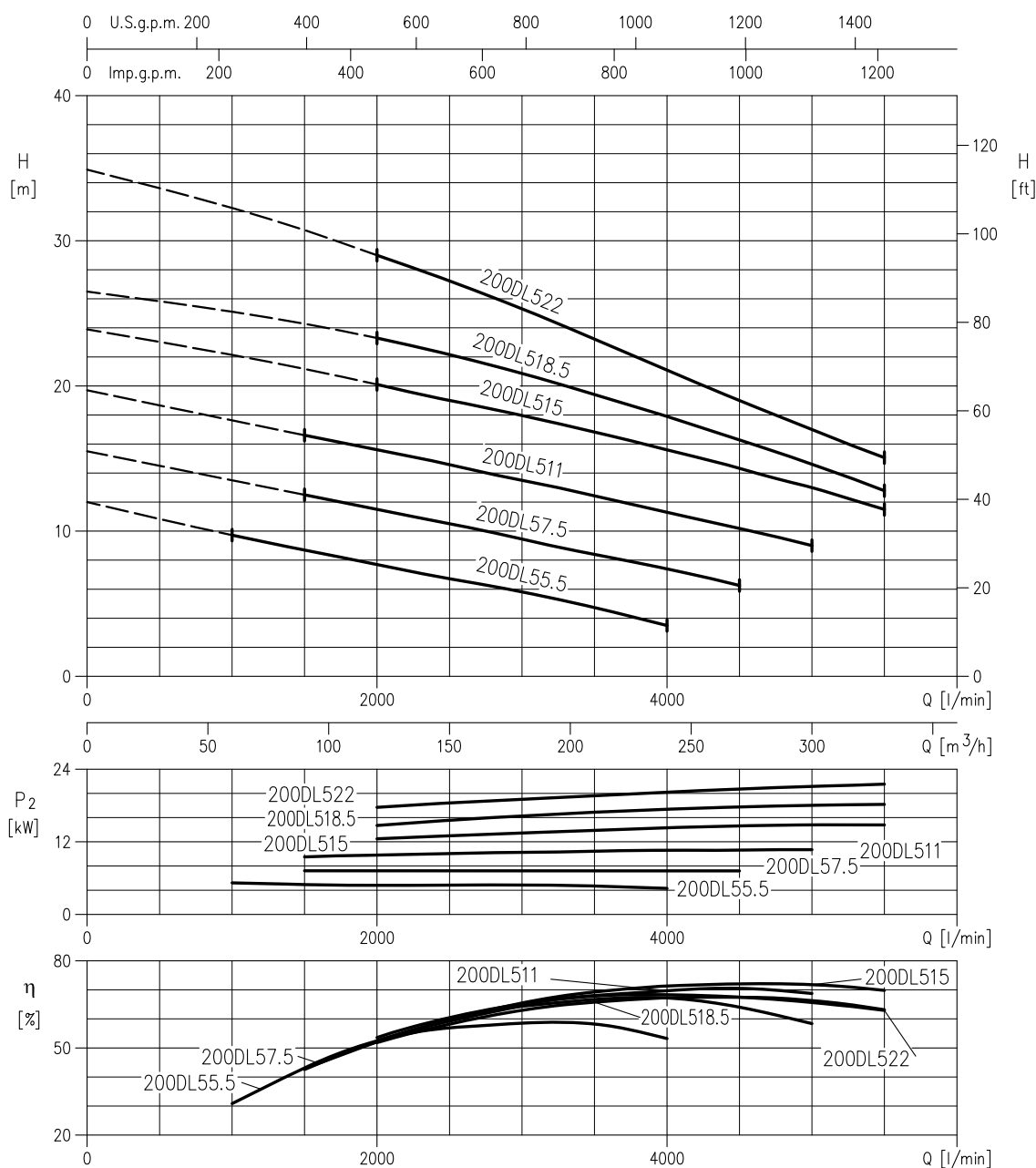


Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

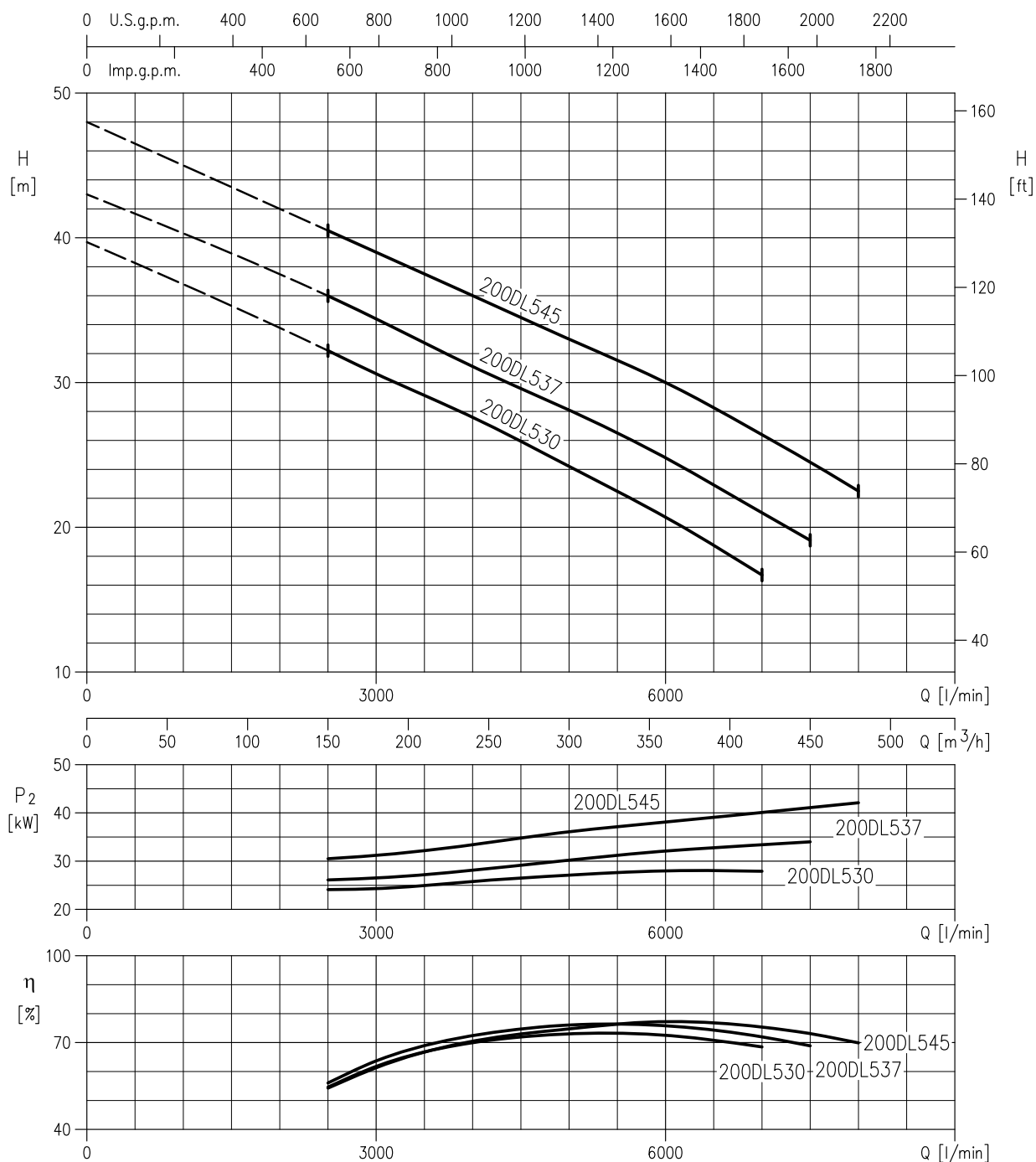
PERFORMANCE CURVE**50 Hz**

Rev. E

200DL55.5 (5.5 kW)
200DL57.5 (7.5 kW)
200DL511 (11 kW)
200DL515 (15 kW)
200DL518.5 (18.5 kW)
200DL522 (22 kW)

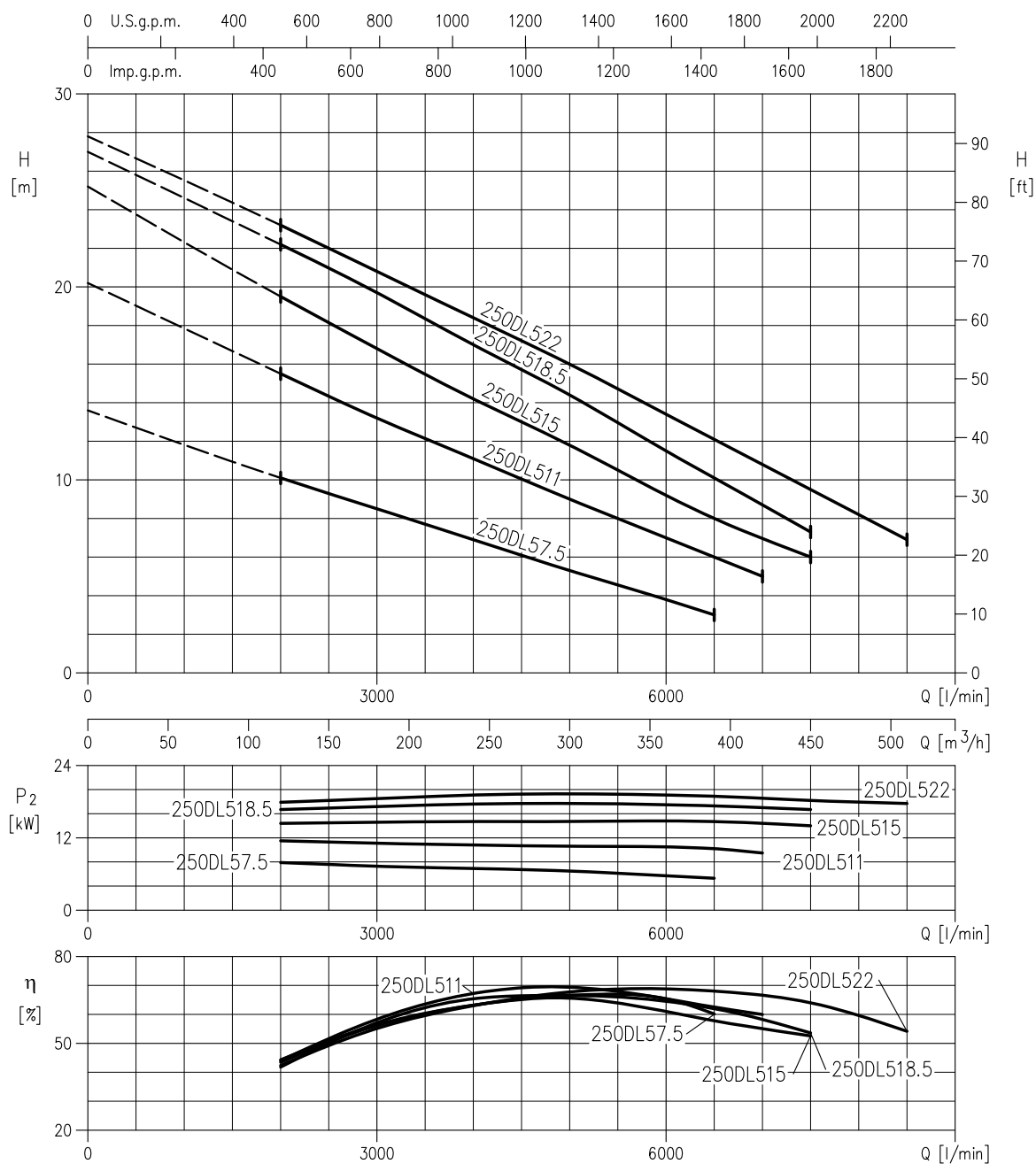


Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

200DL530 (30 kW)**200DL537 (37 kW)****200DL545 (45 kW)**

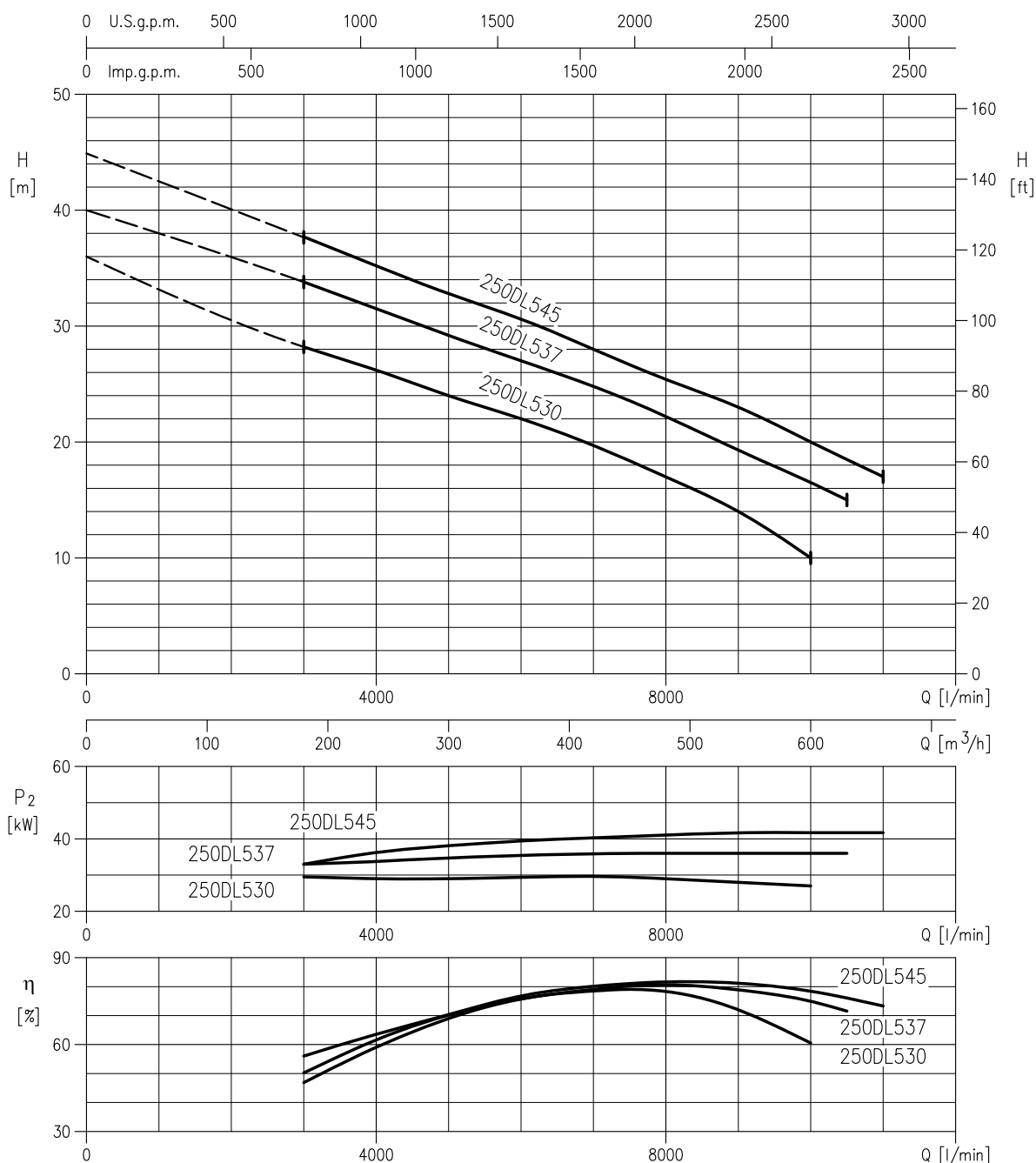
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

250DL57.5 (7.5 kW)
250DL511 (11 kW)
250DL515 (15 kW)
250DL518.5 (18.5 kW)
250DL522 (22 kW)



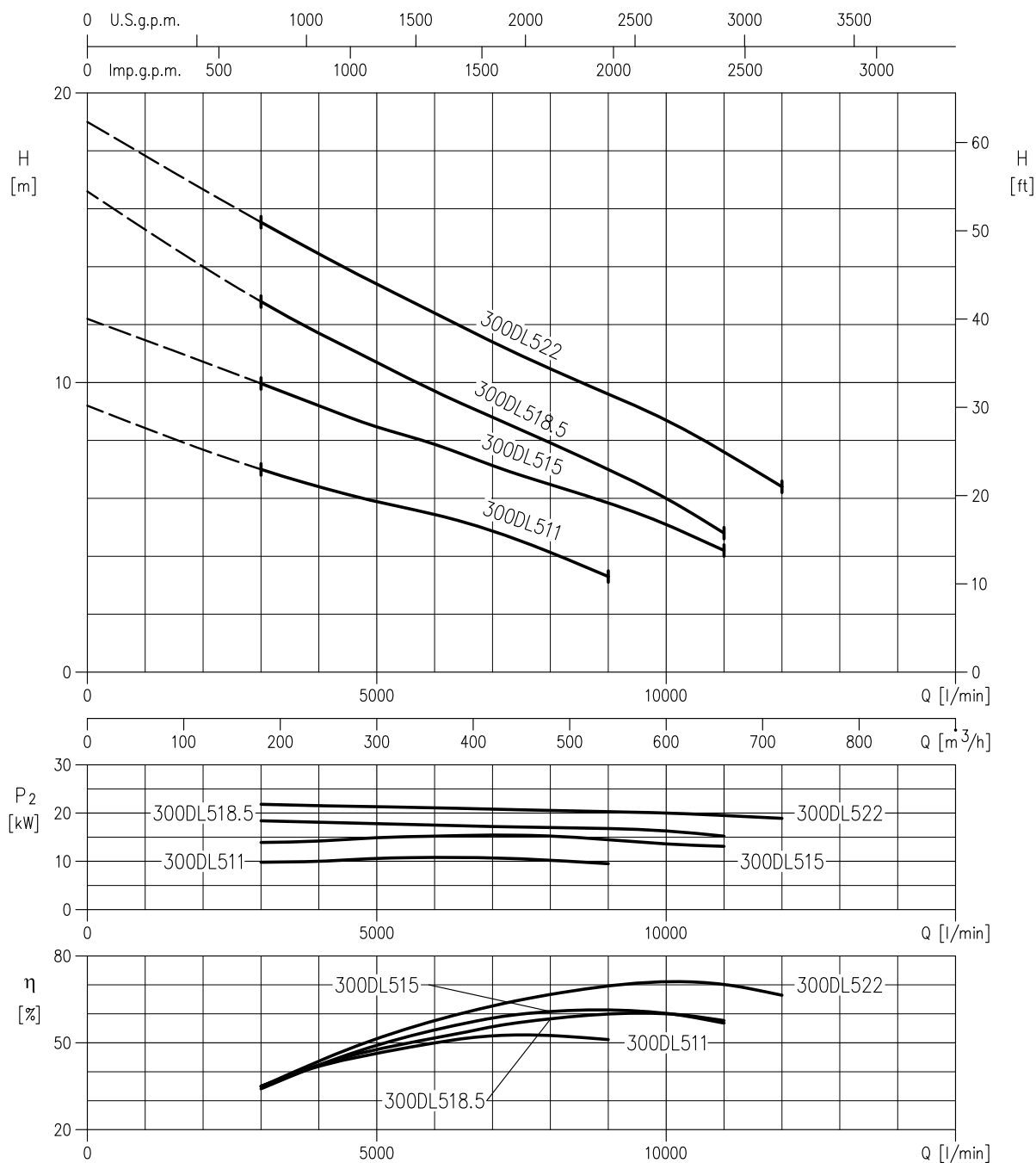
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

250DL530 (30 kW)
250DL537 (37 kW)
250DL545 (45 kW)

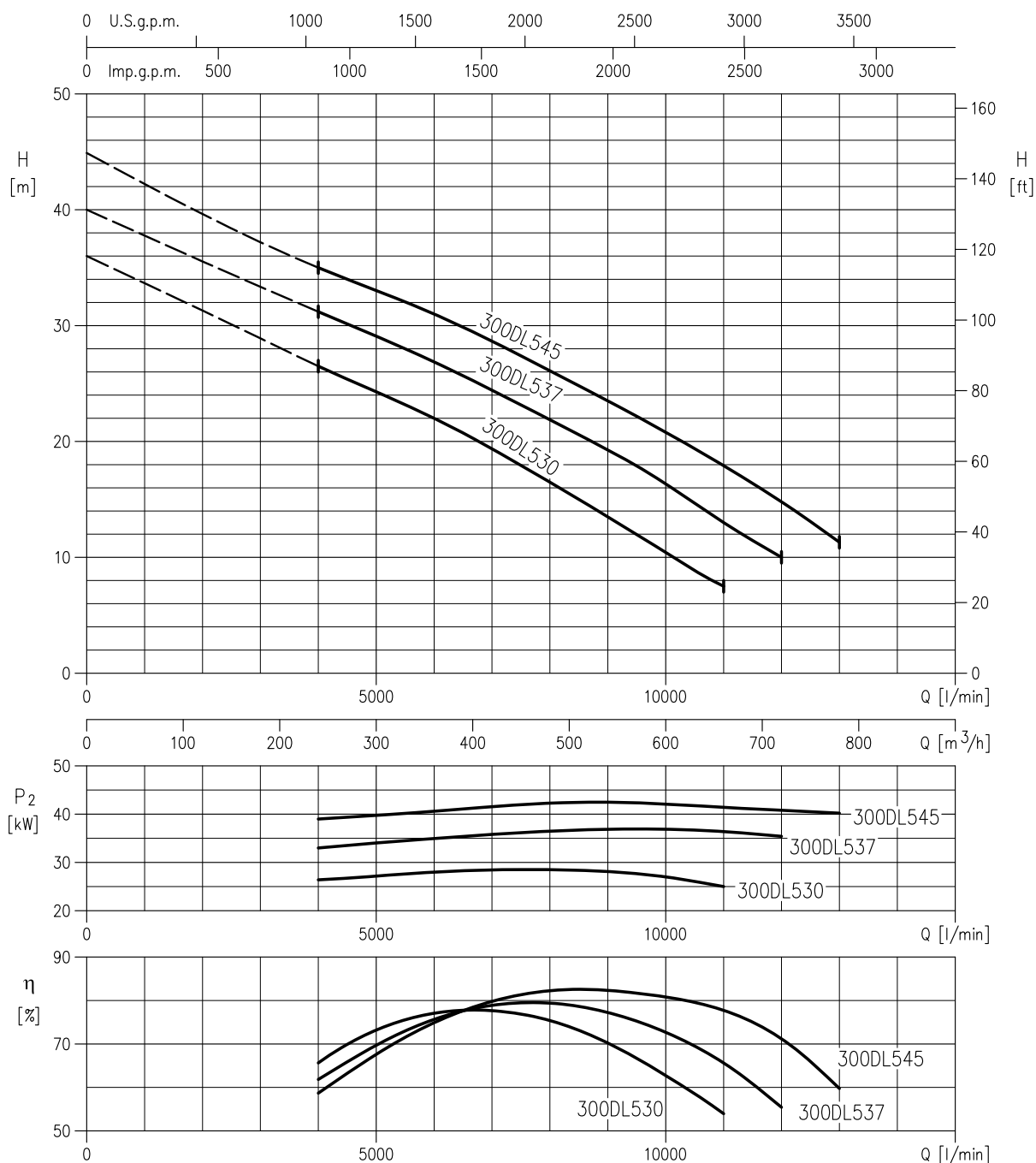


Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

300DL511 (11 kW)
300DL515 (15 kW)
300DL518.5 (18.5 kW)
300DL522 (22 kW)



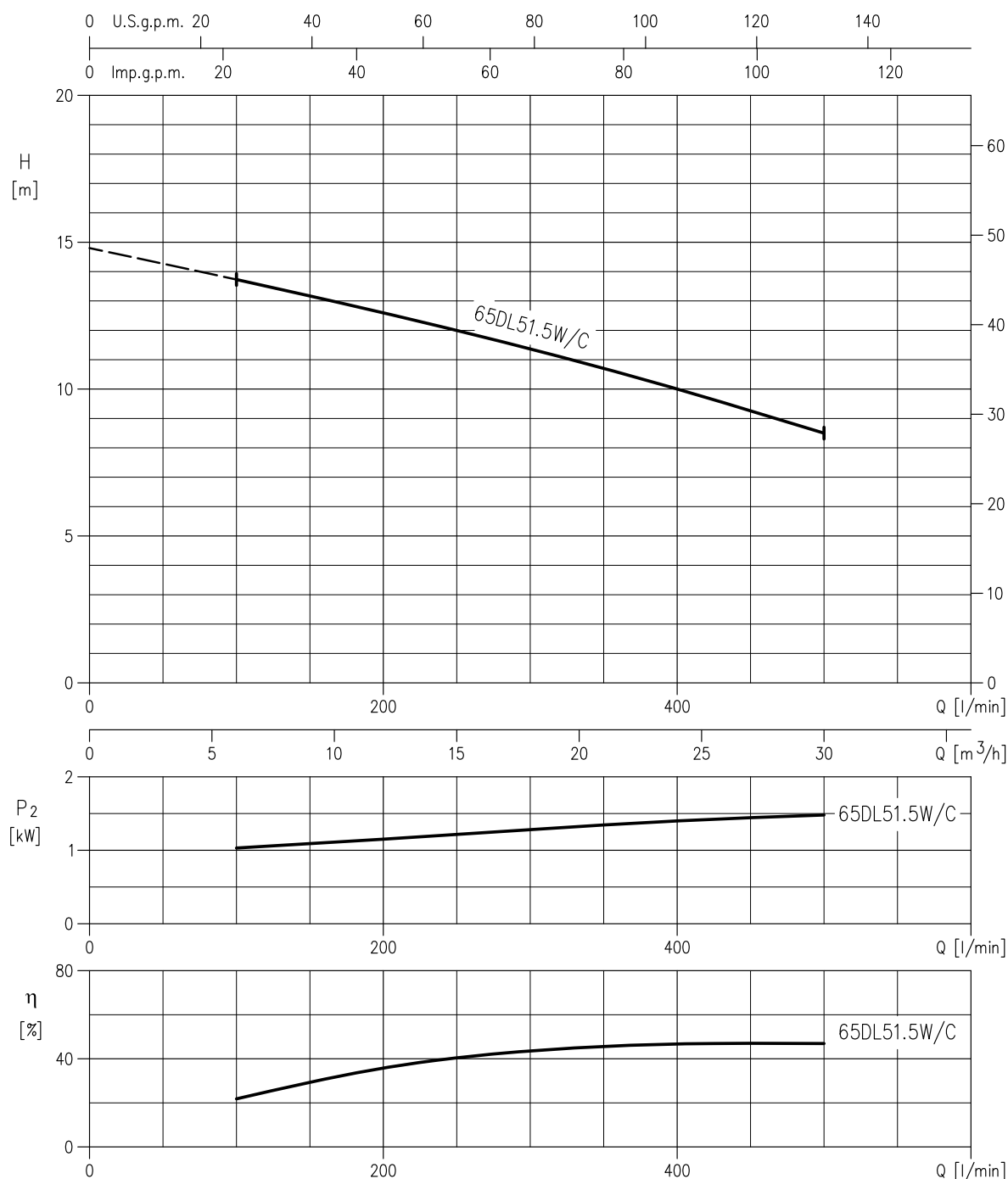
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

300DL530 (30 kW)**300DL537 (37 kW)****300DL545 (45 kW)**

Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

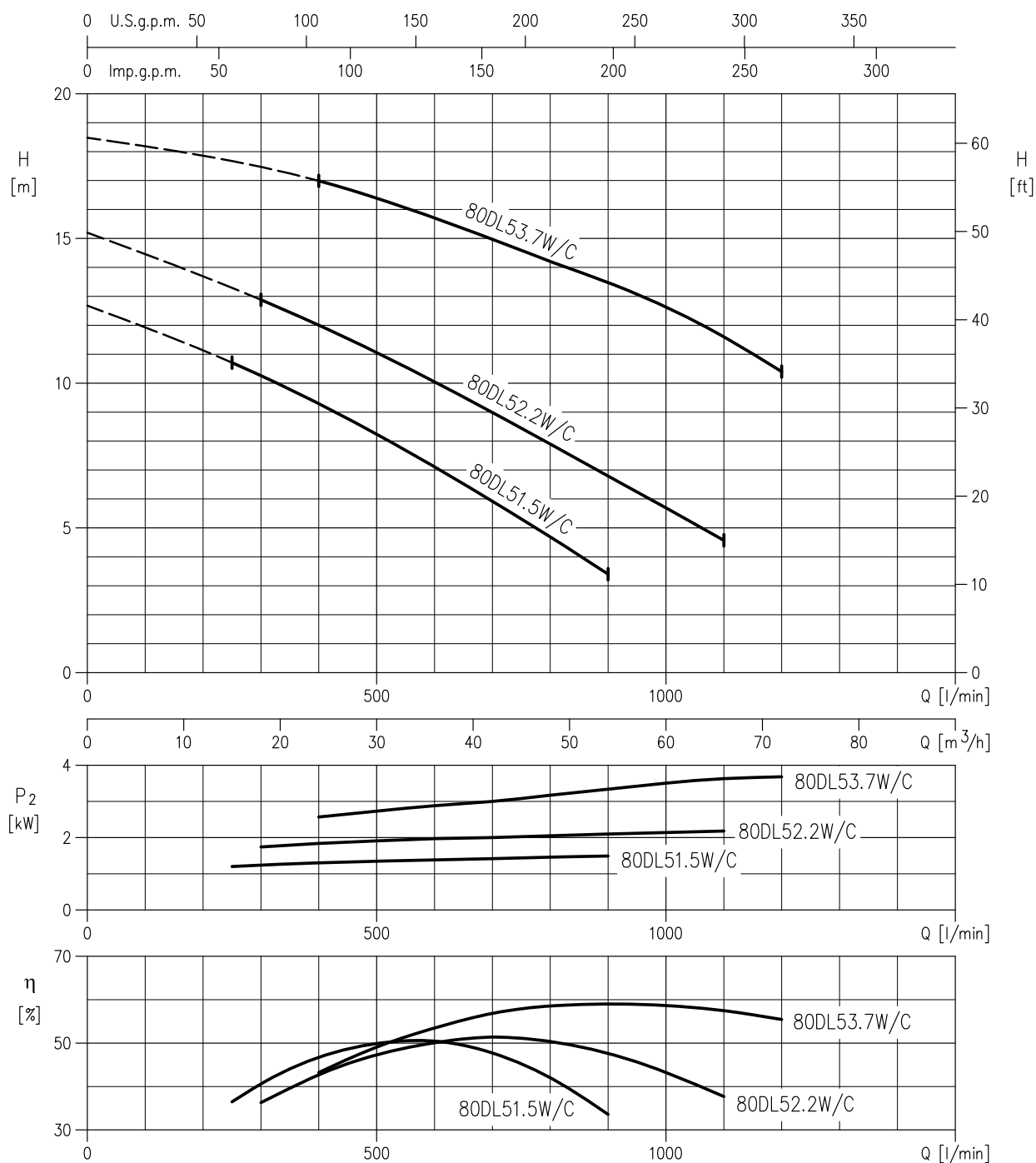
Rev. E

65DL51.5W/C (1.5 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

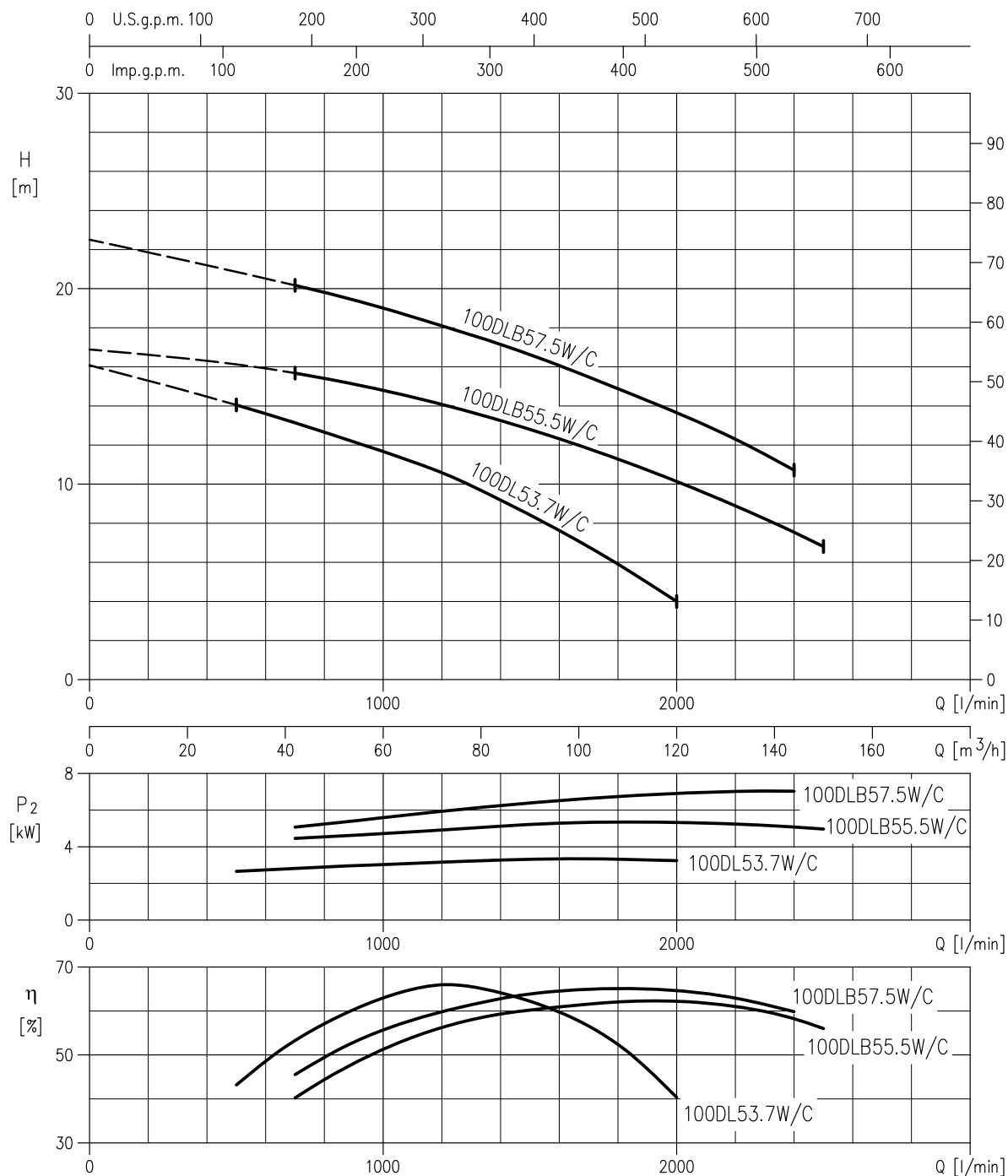
PERFORMANCE CURVE**50 Hz**

Rev. E

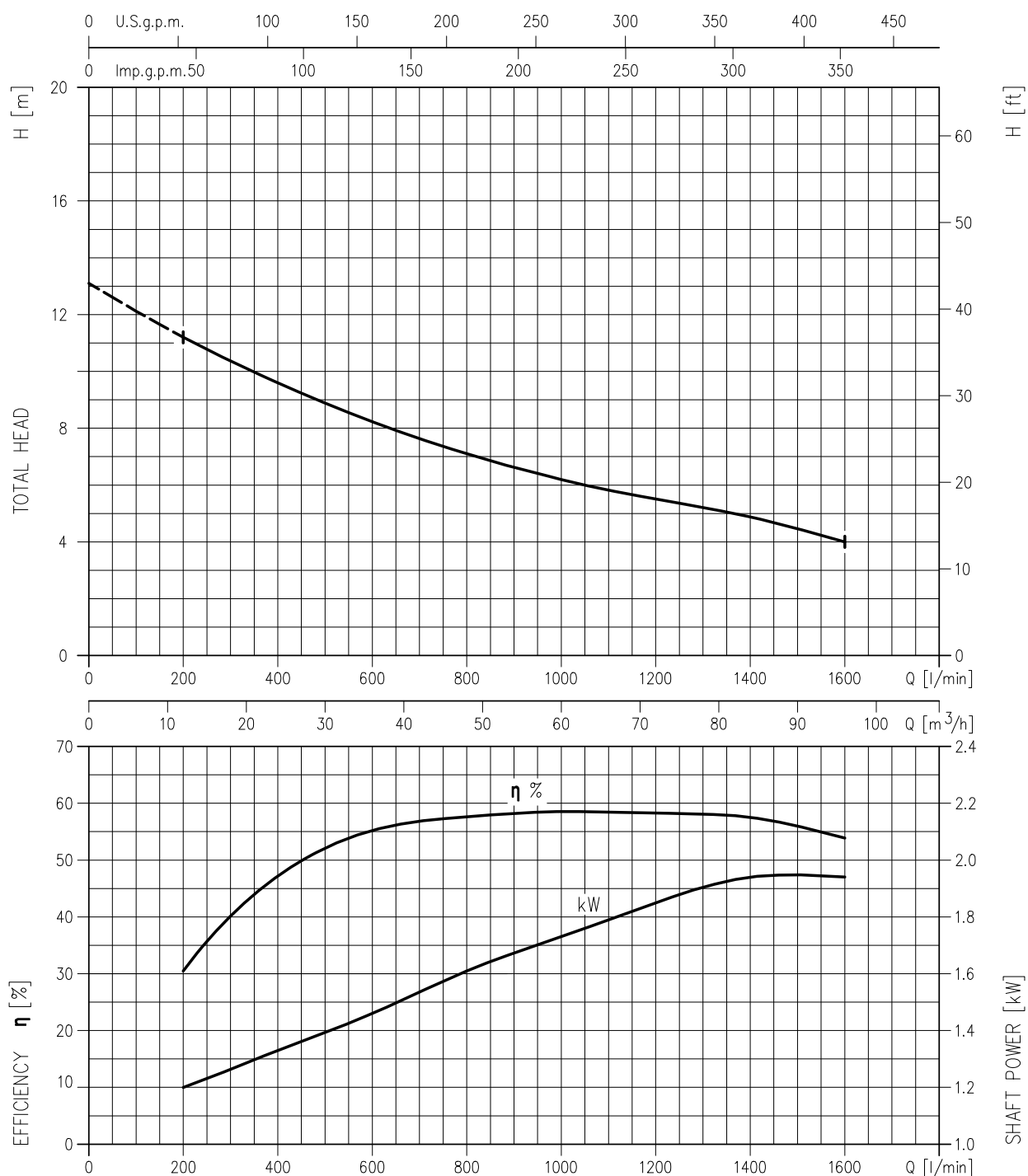
80DL51.5W/C (1.5 kW)**80DL52.2W/C (2.2 kW)****80DL53.7W/C (3.7 kW)**

Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

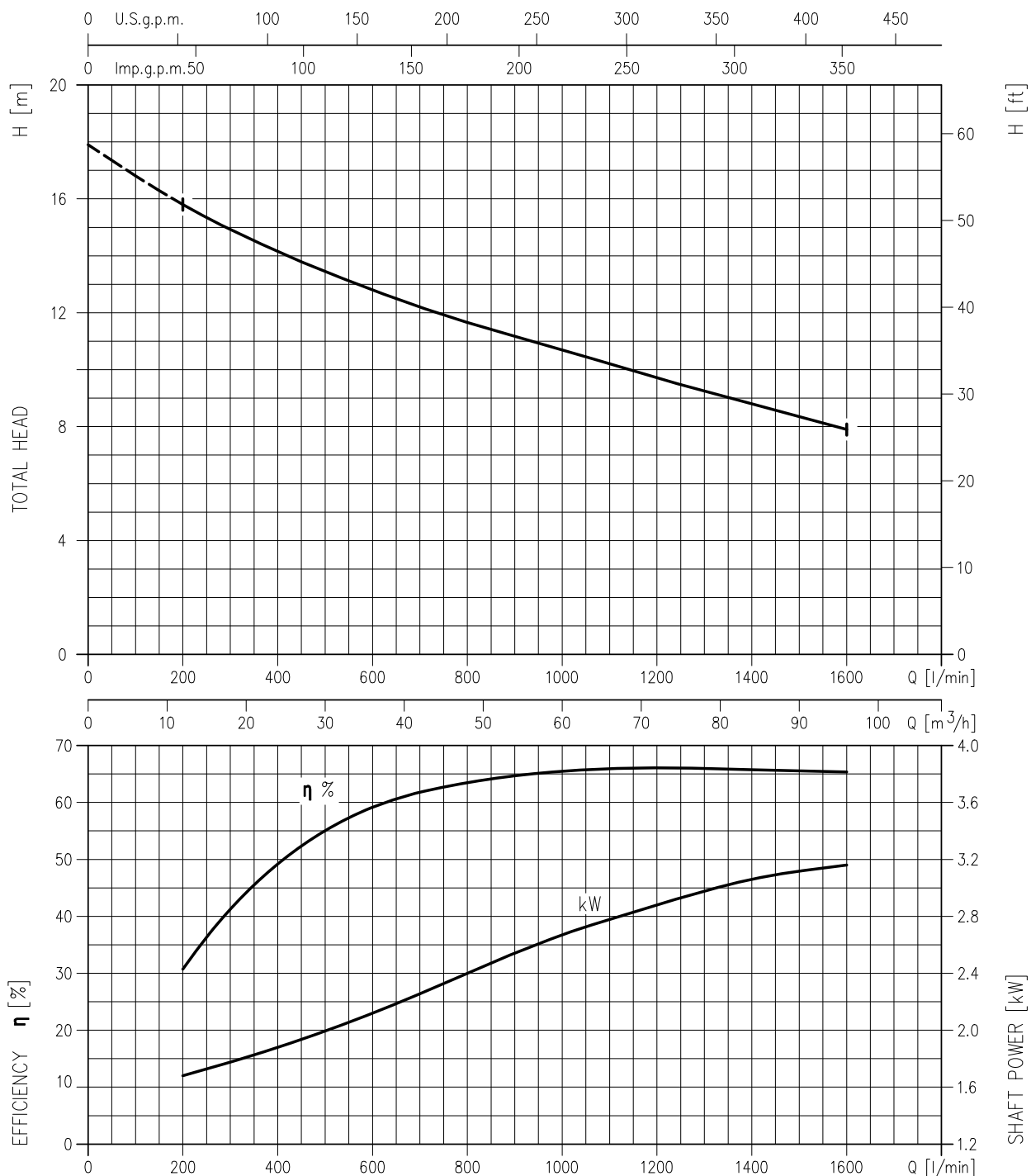
100DL53.7W/C (3.7 kW)
100DLB55.5W/C (5.5 kW)
100DLB57.5W/C (7.5 kW)



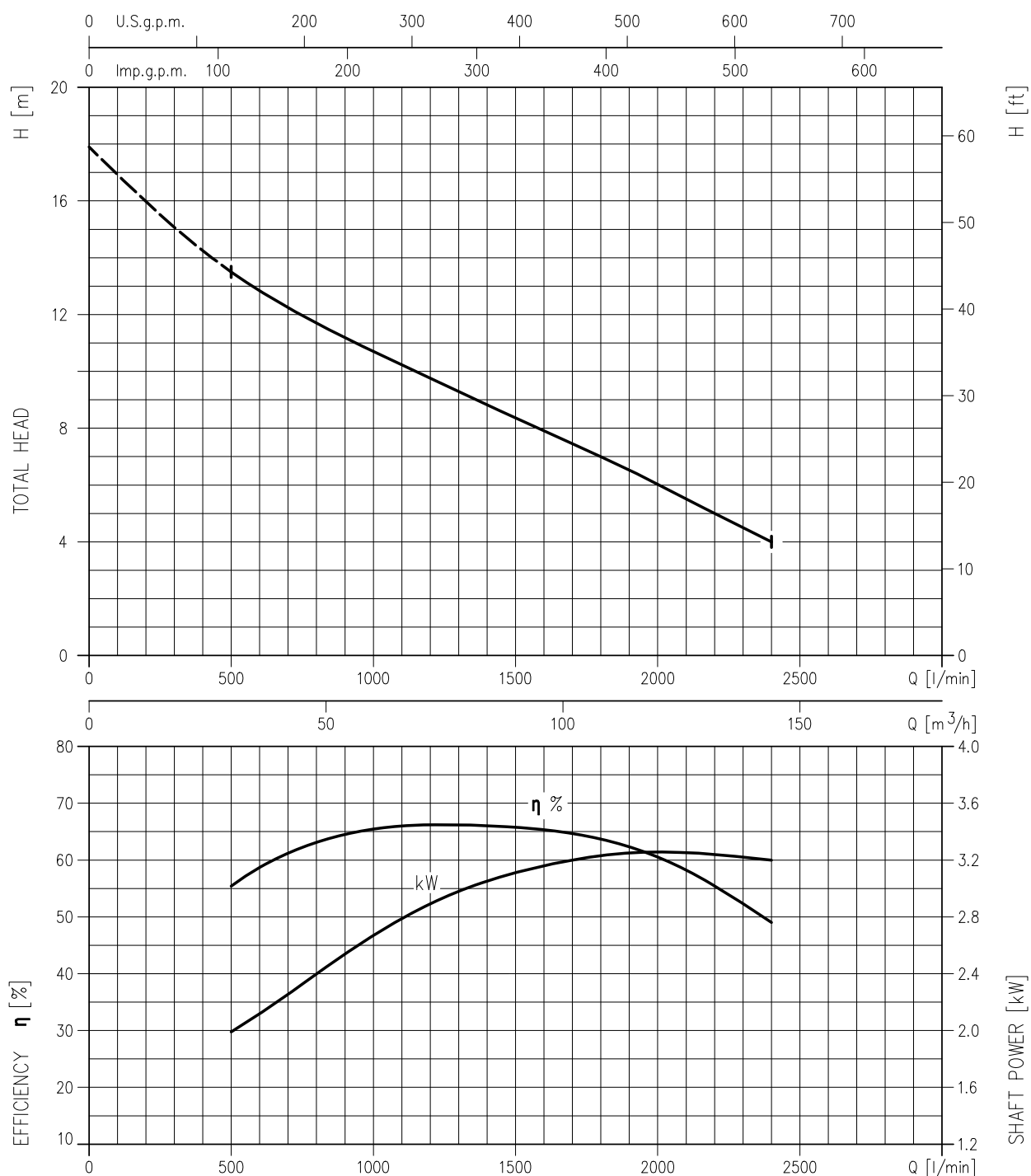
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

80DML52.2 (2.2 kW)

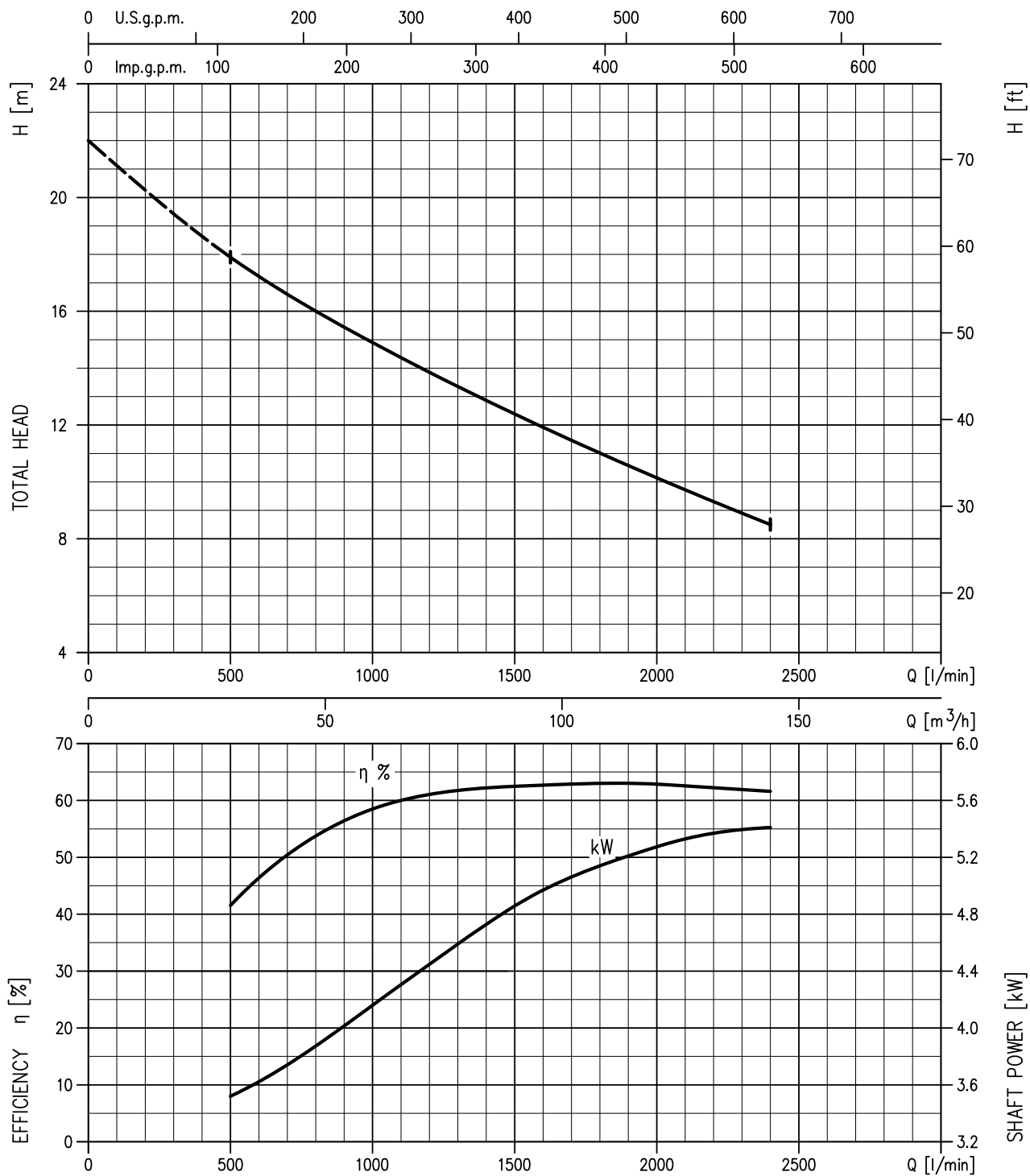
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

80DML53.7 (3.7 kW)

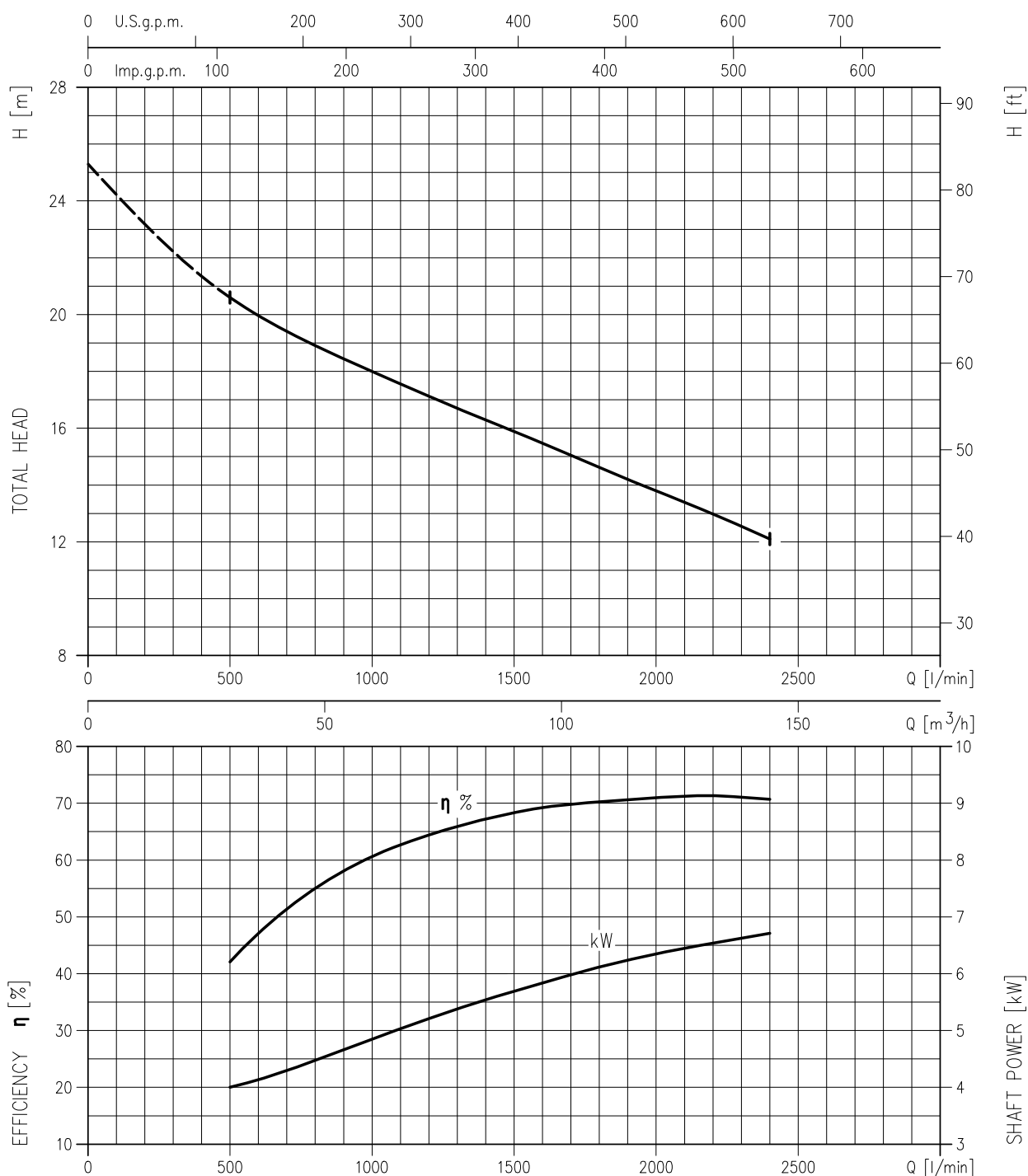
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DML53.7 (3.7 kW)

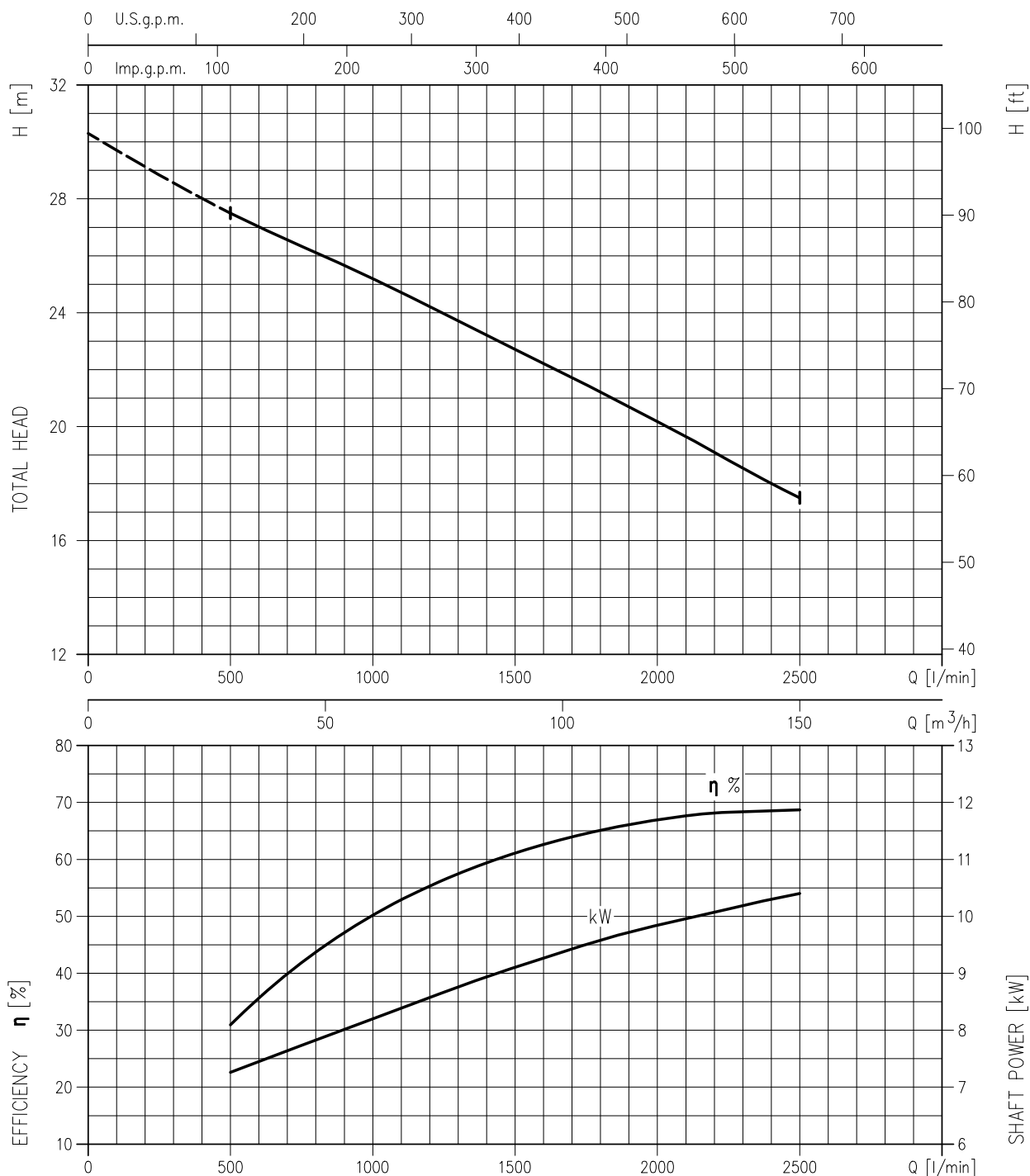
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

100DML55.5 (5.5 kW)

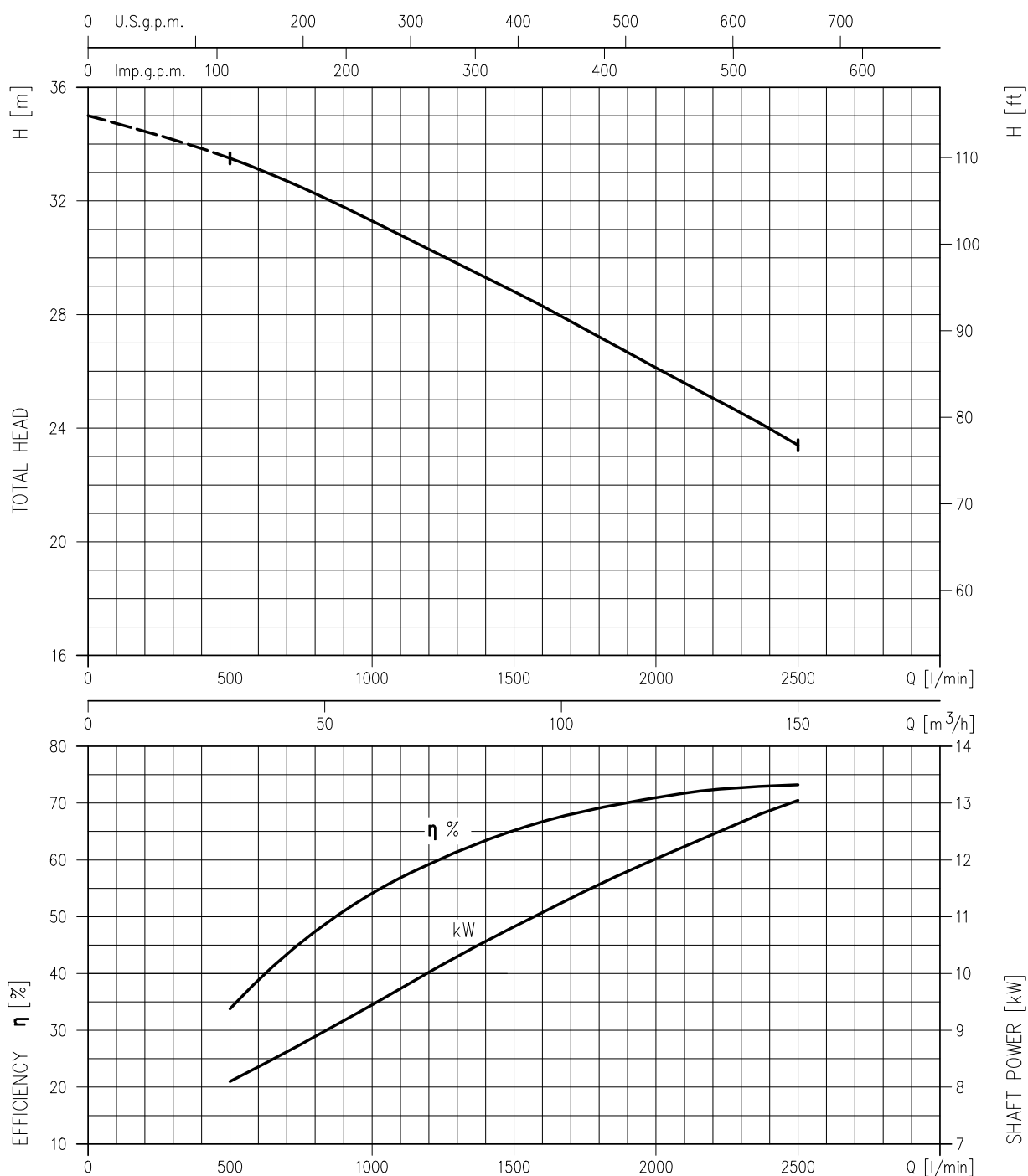
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

100DML57.5 (7.5 kW)

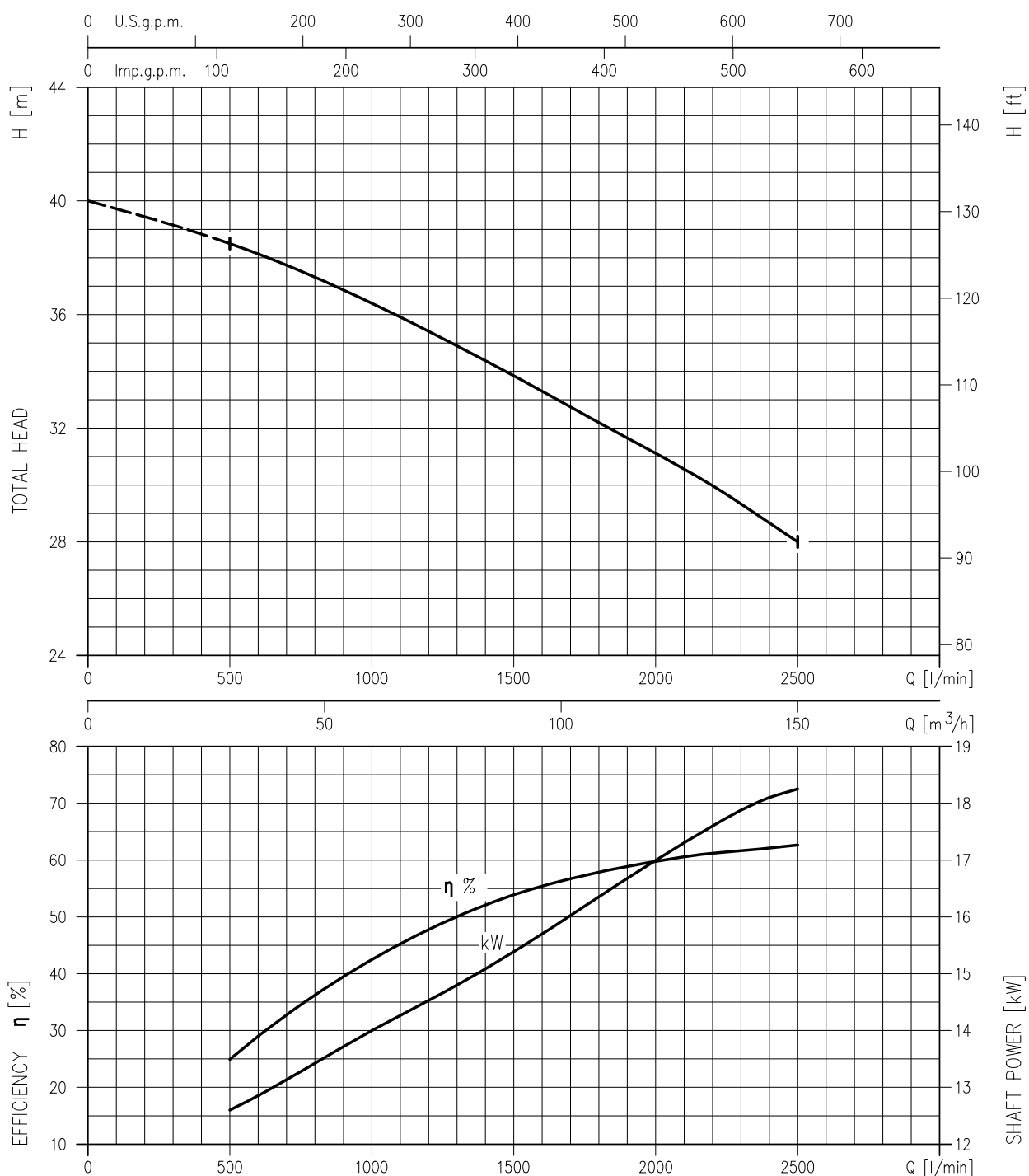
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DML511 (11 kW)

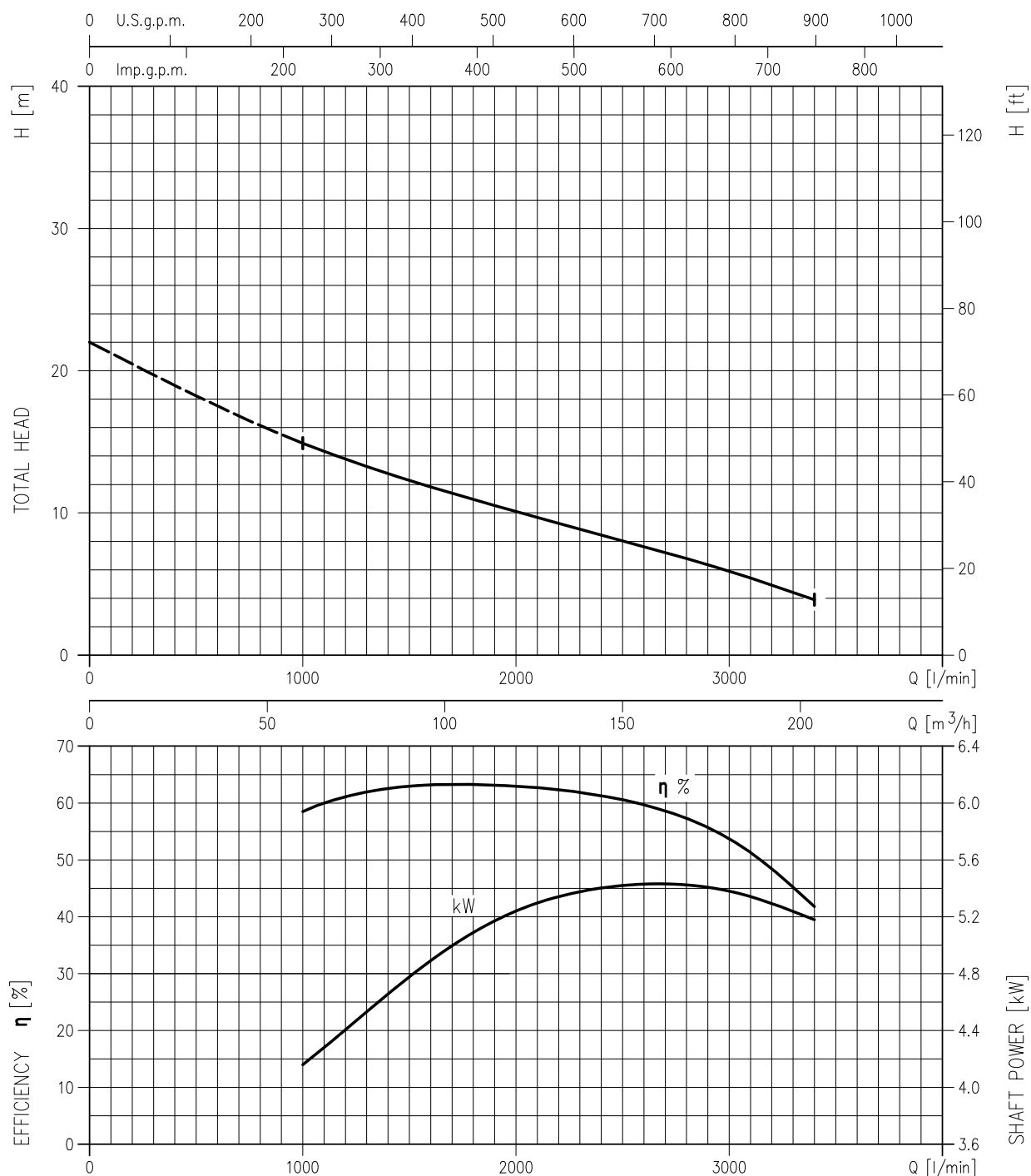
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DML515 (15 kW)

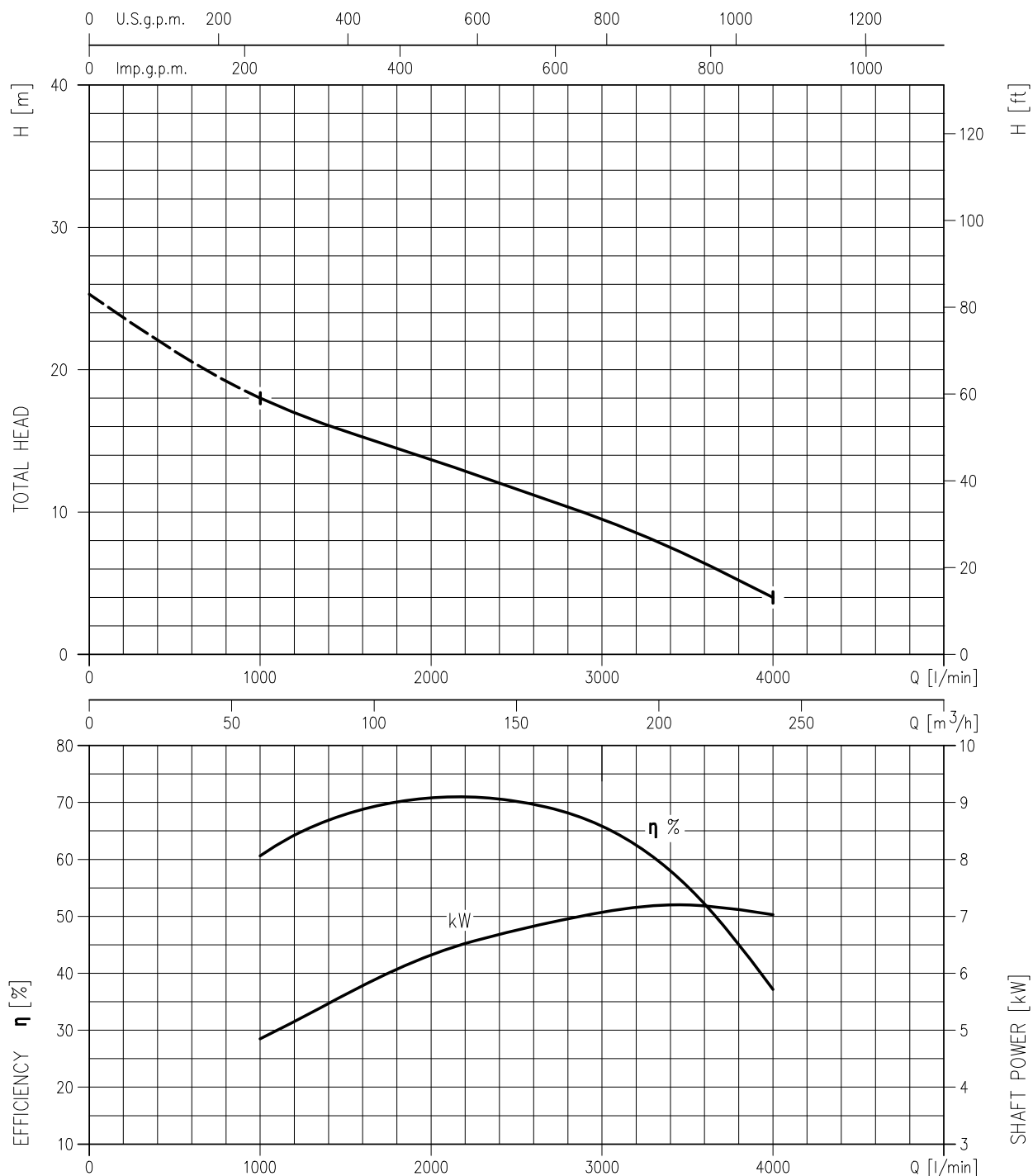
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DML522 (22 kW)

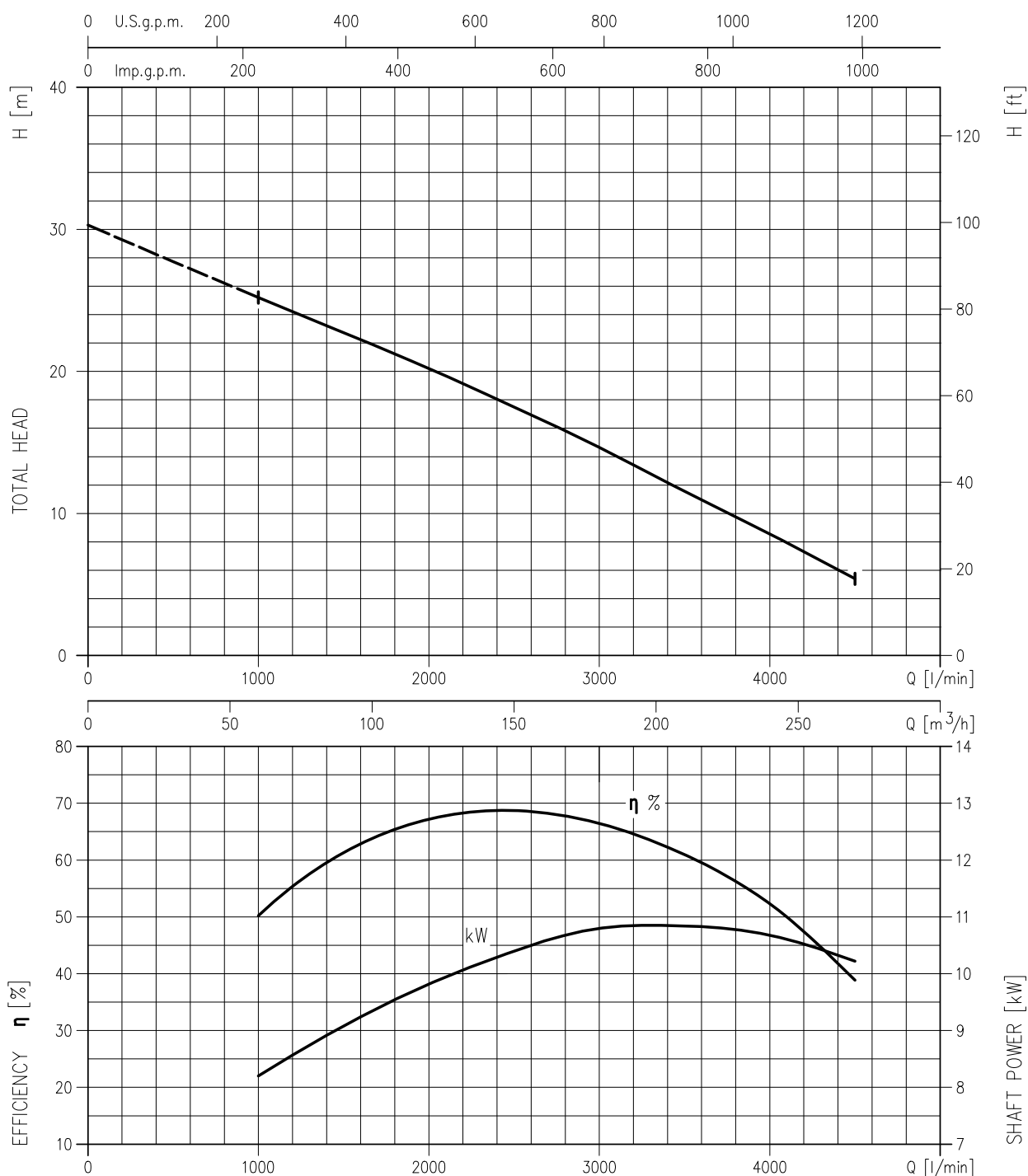
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

150DML55.5 (5.5 kW)

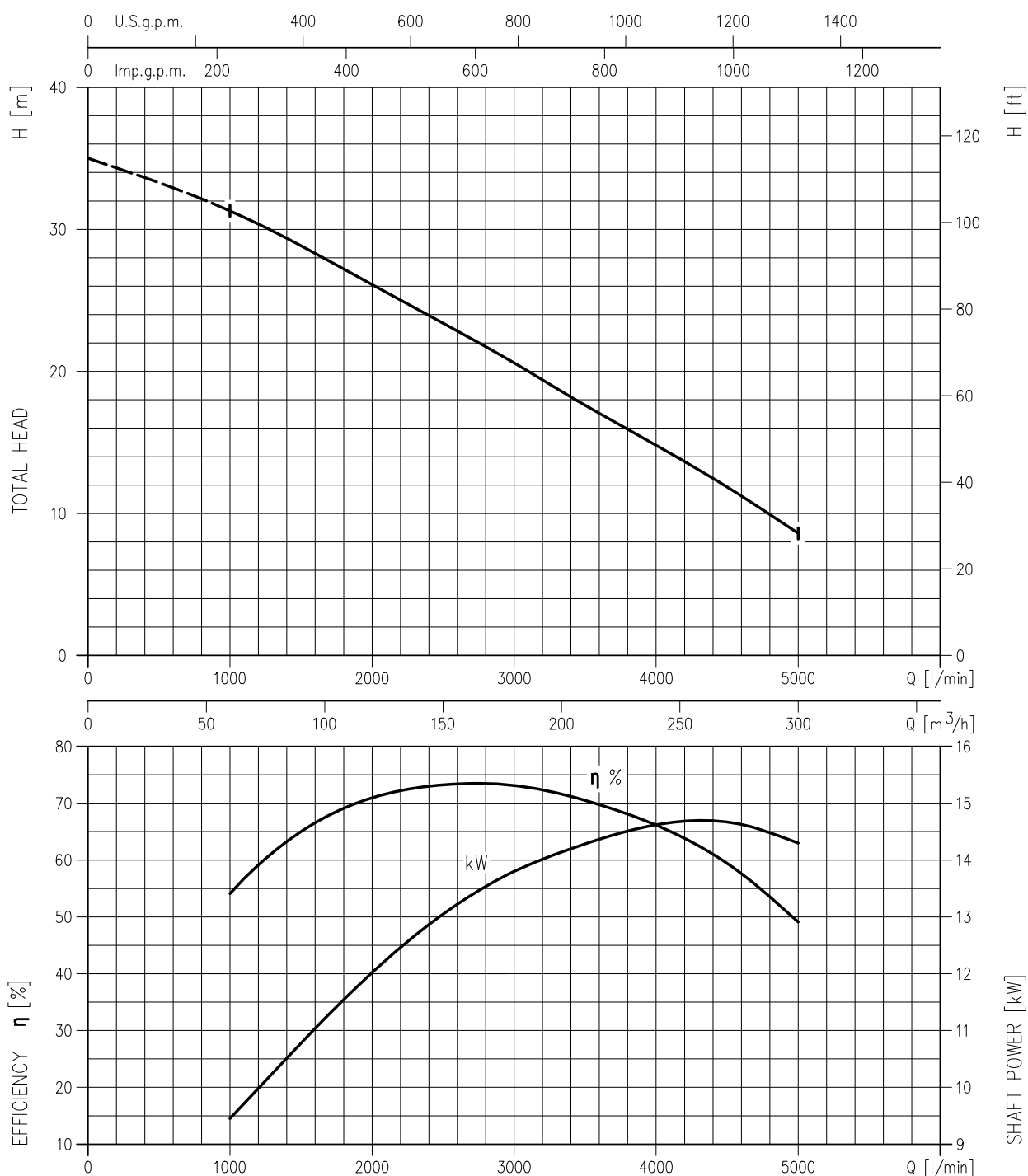
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

150DML57.5 (7.5 kW)

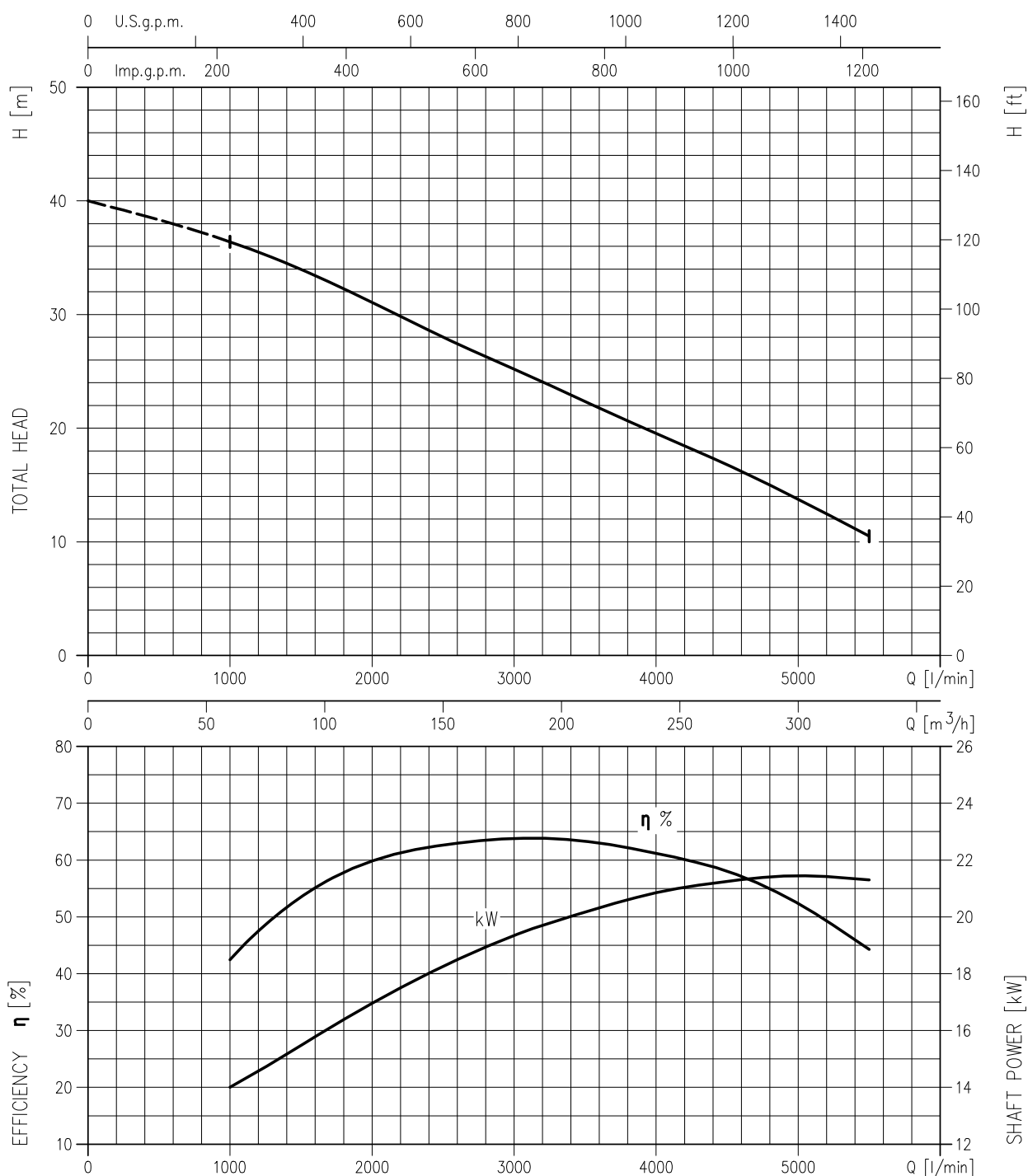
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

150DML511 (11 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

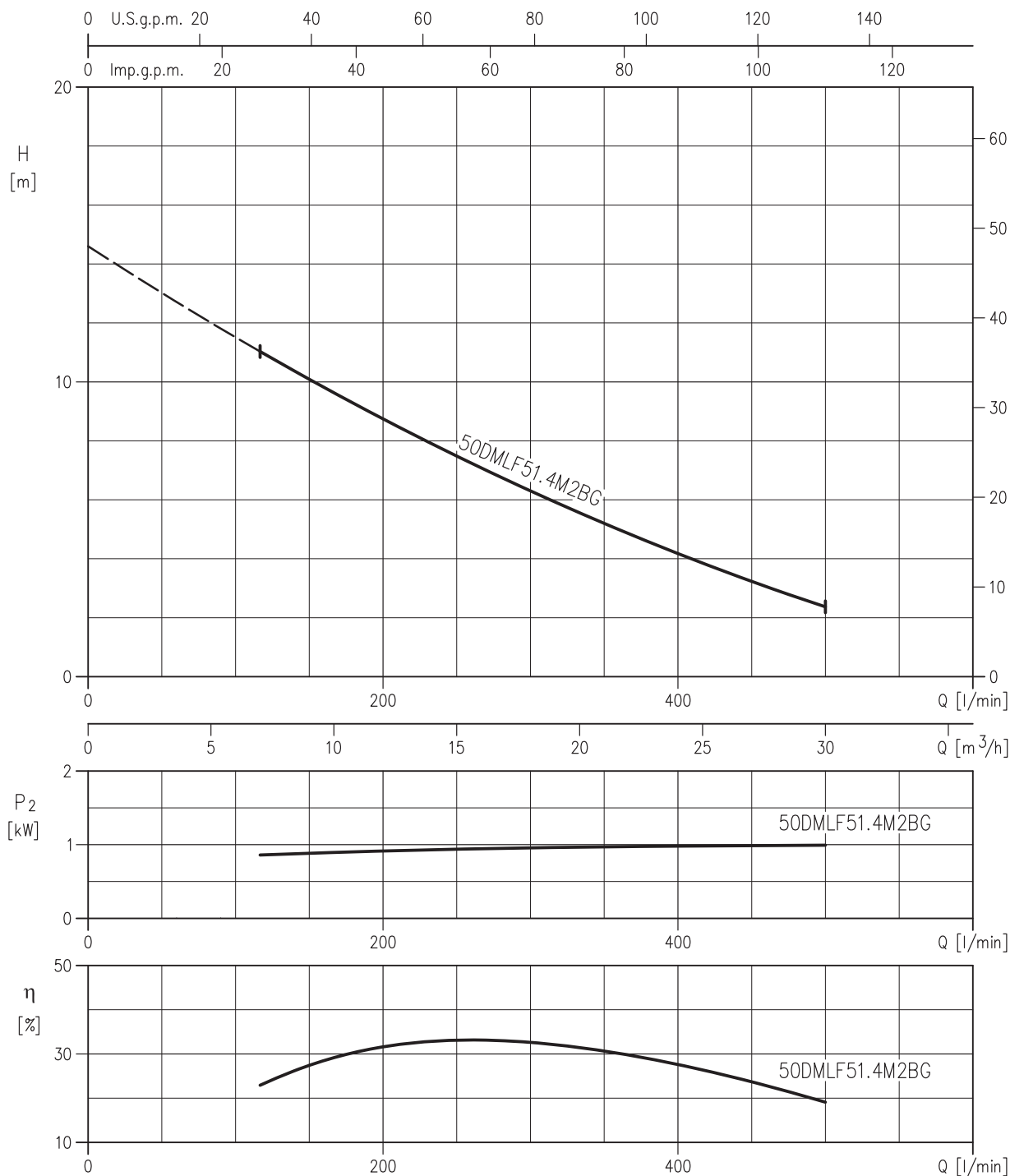
150DML515 (15 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

150DML522 (22 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

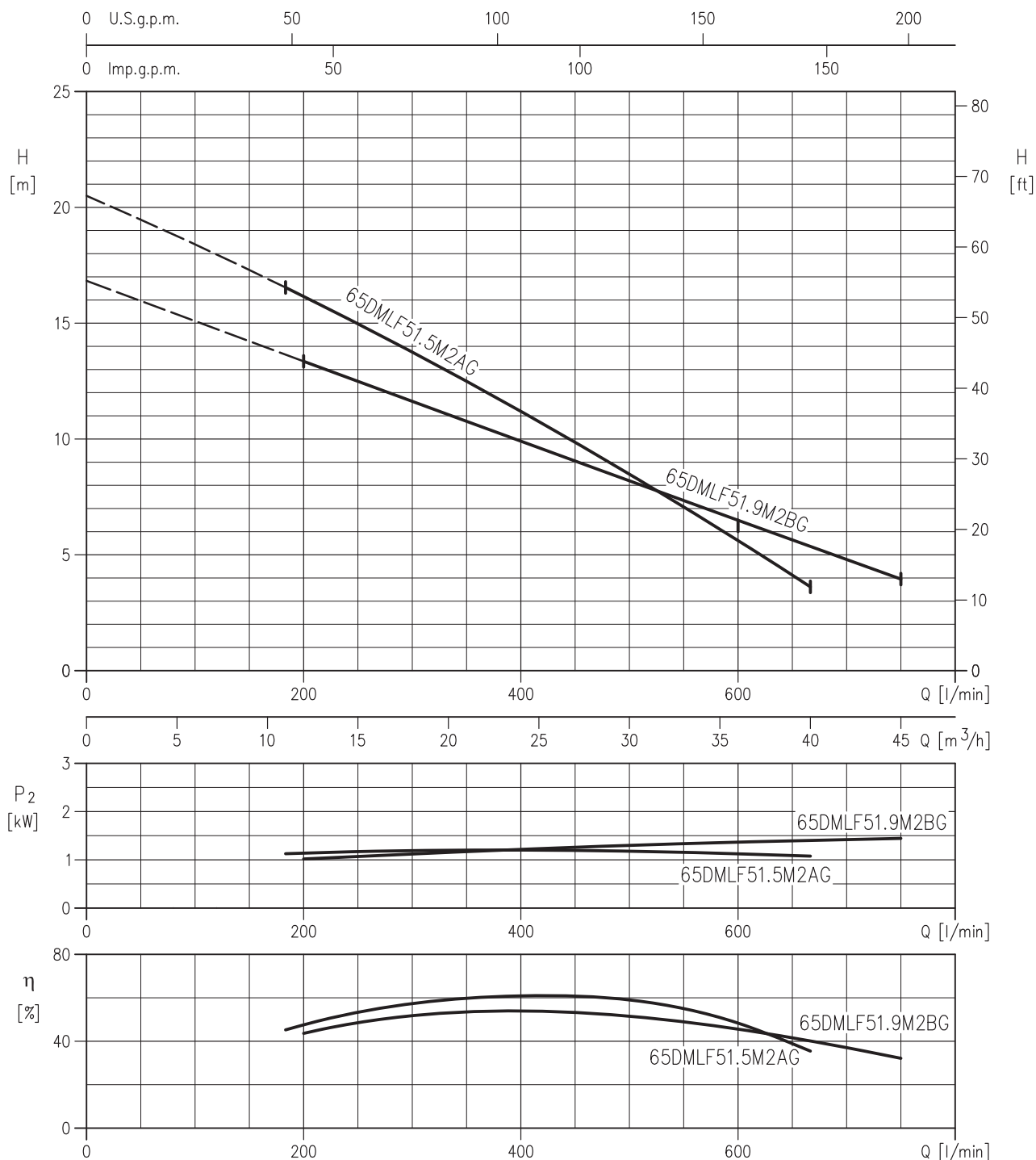
50DMLF51.4M2BG (1.4 kW)



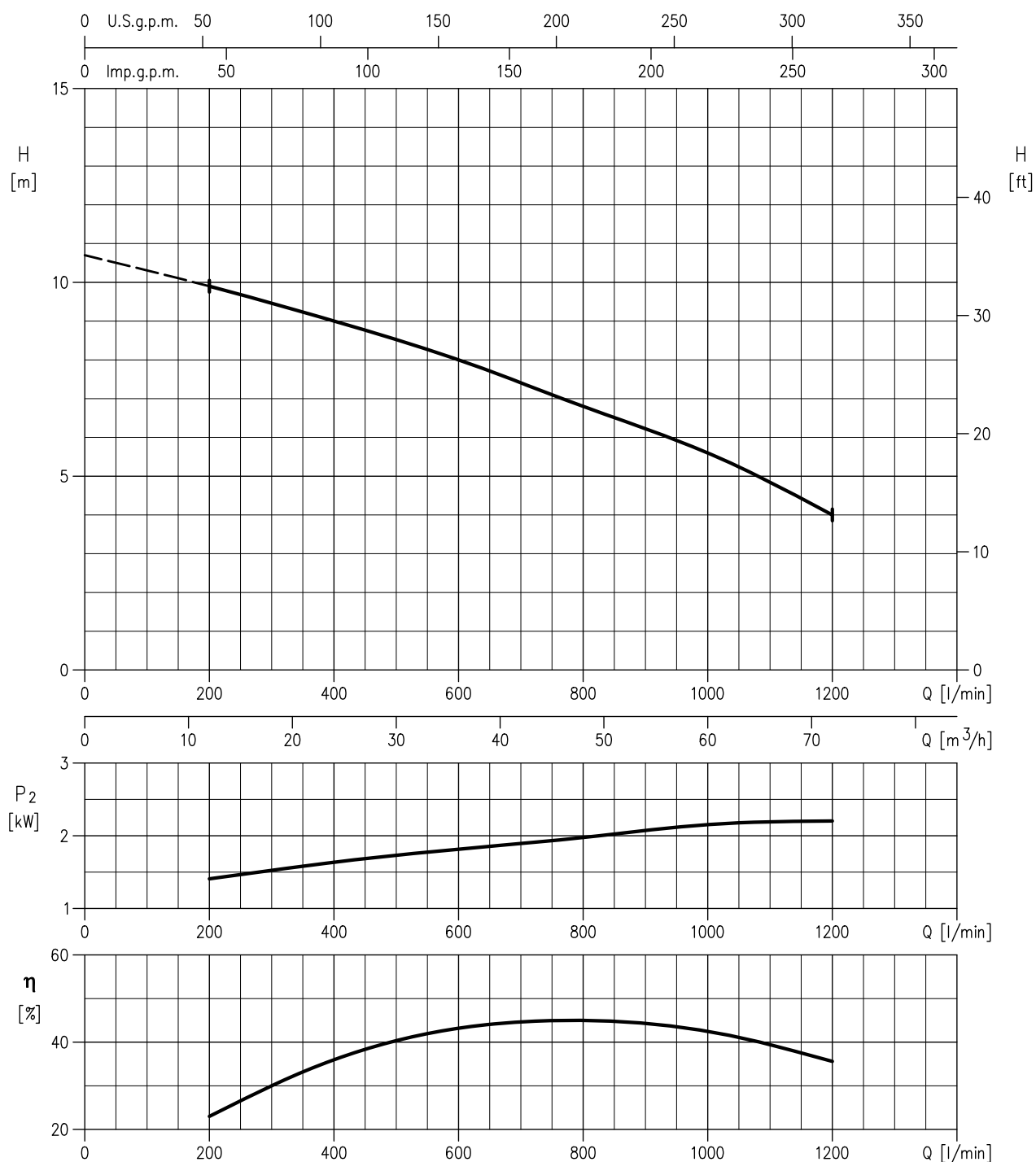
Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

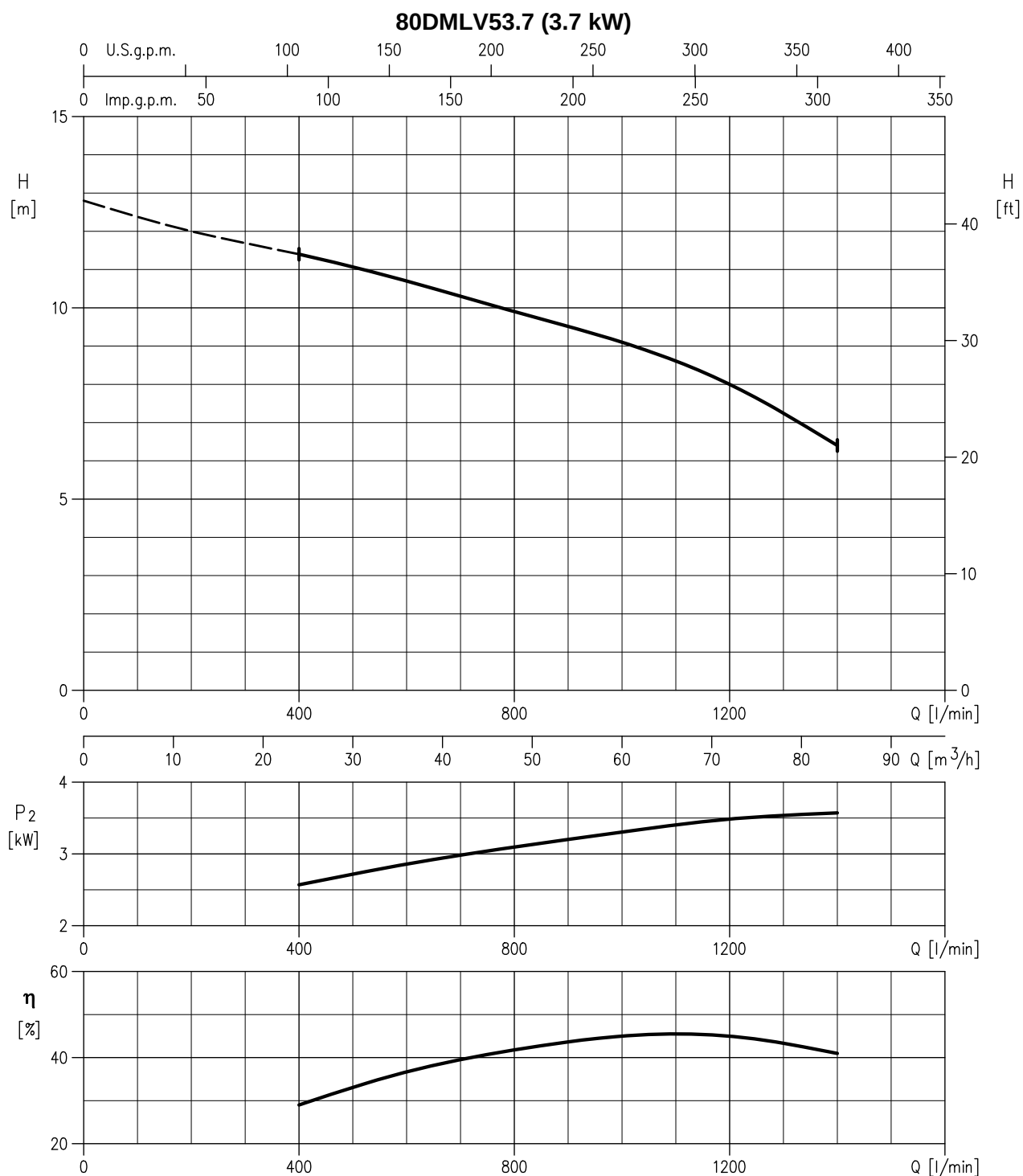
Rev. E

65DMLF51.5M2AG (1.5 kW)**65DMLF51.9M2BG (1.9 kW)**

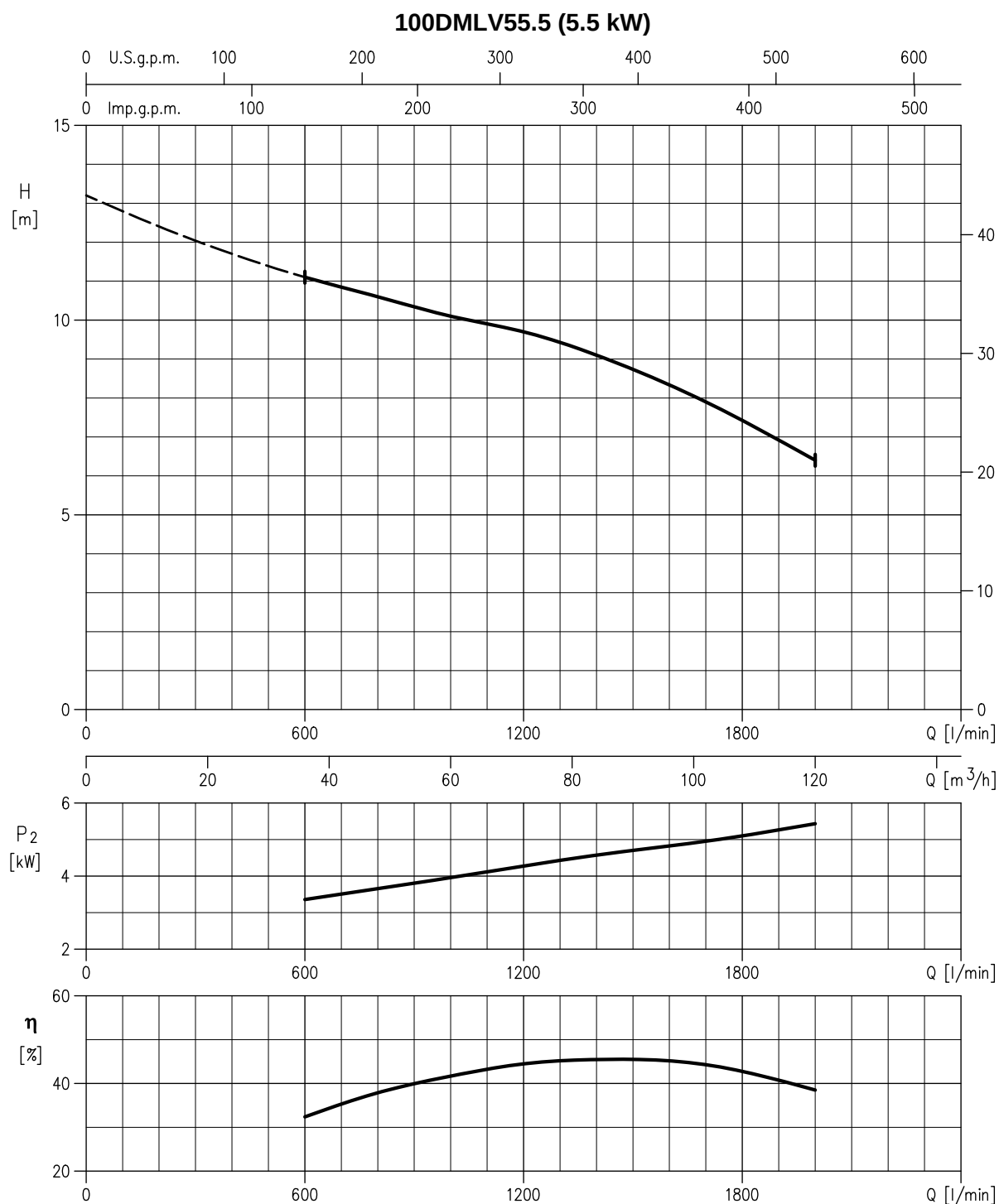
Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

80DMLV52.2 (2.2 kW)

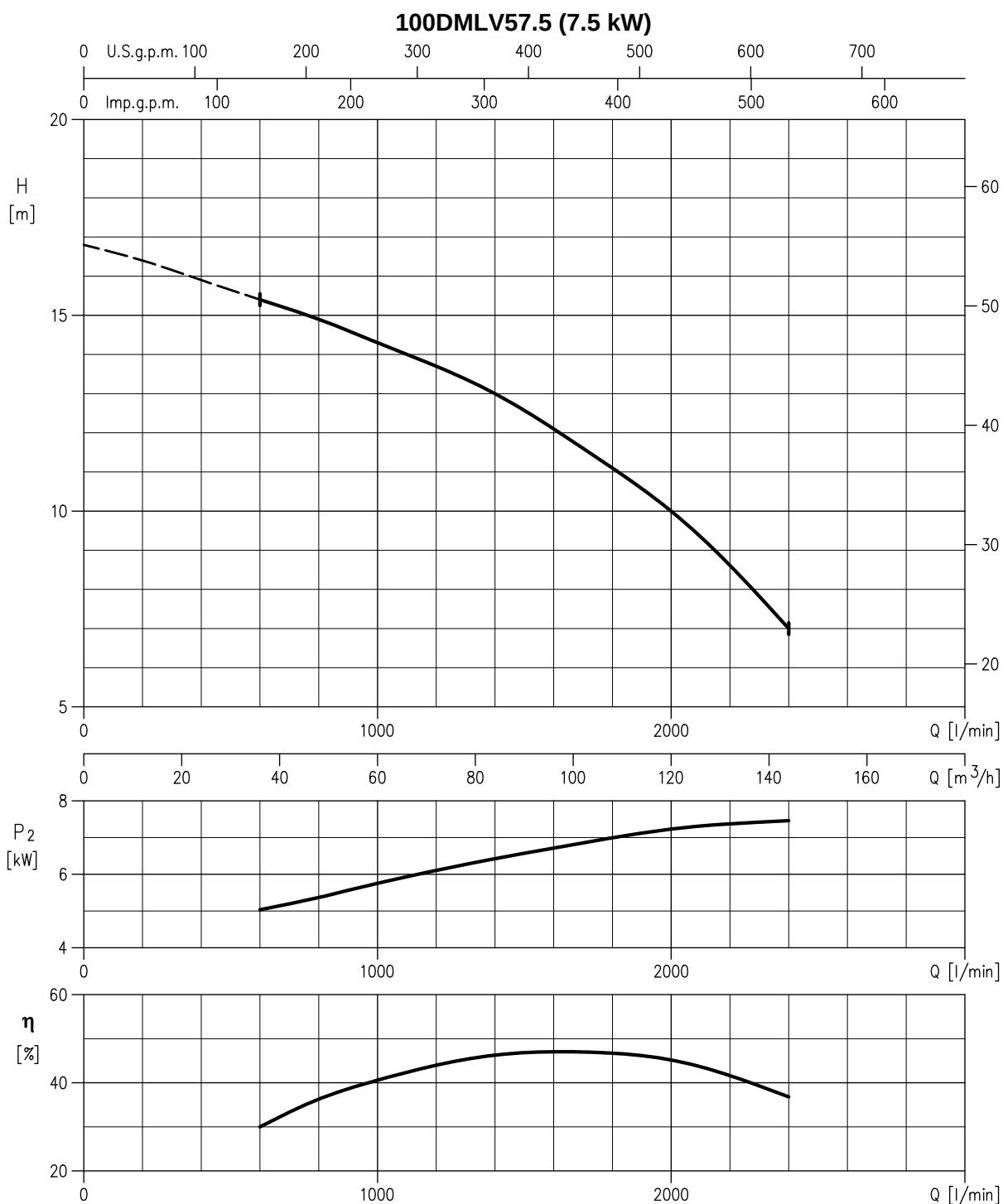
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A



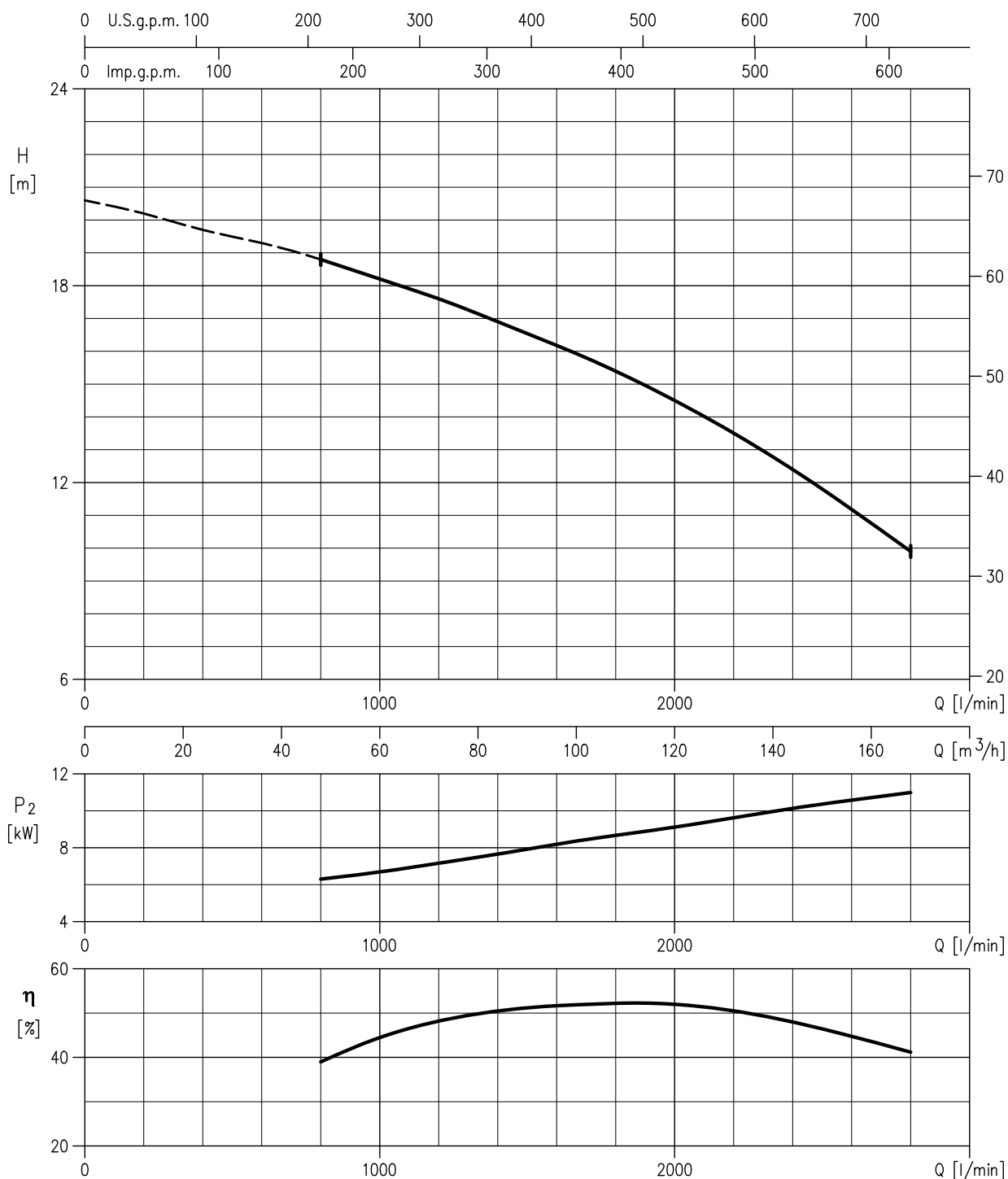
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A



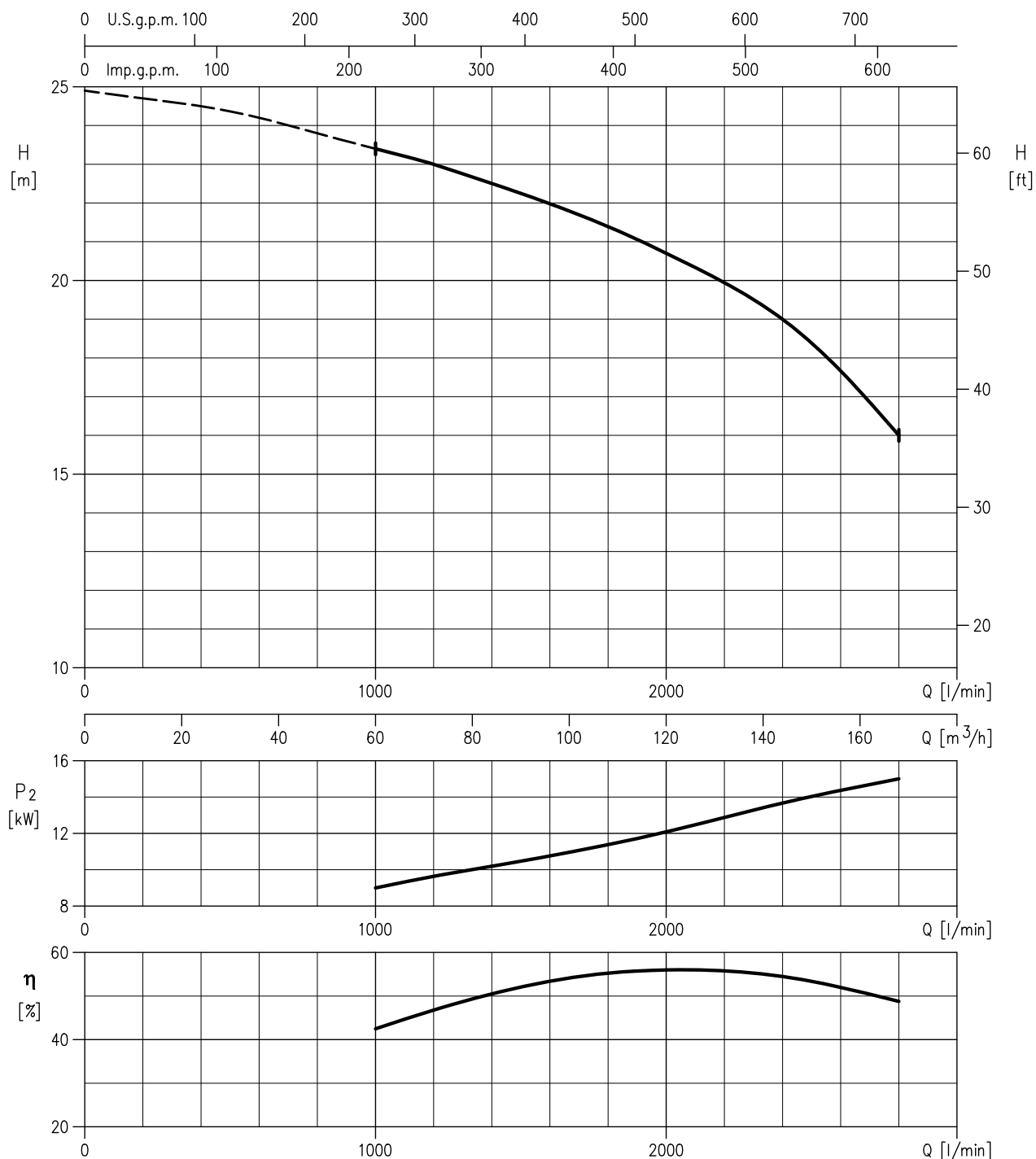
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A



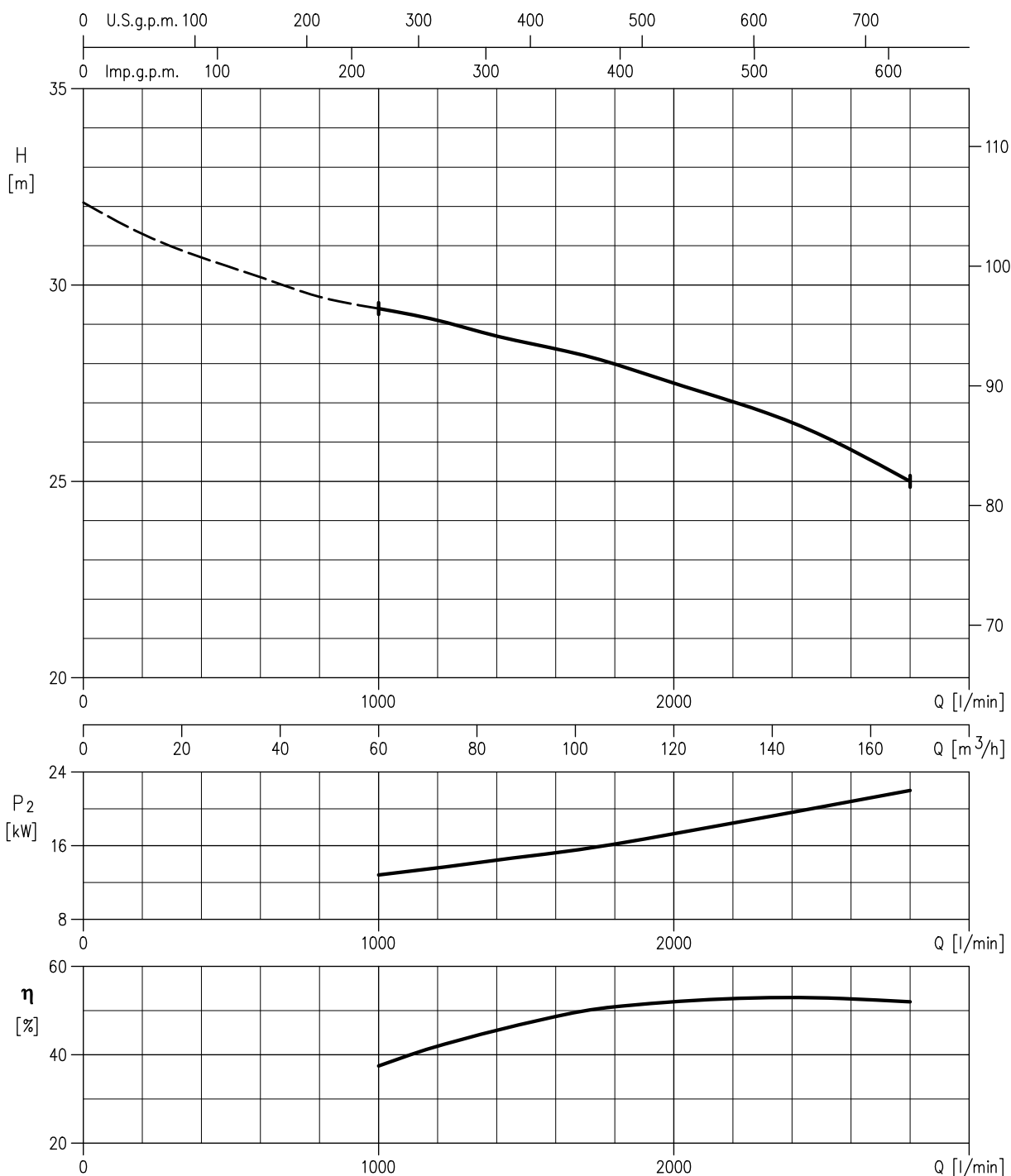
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DMLV511 (11 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

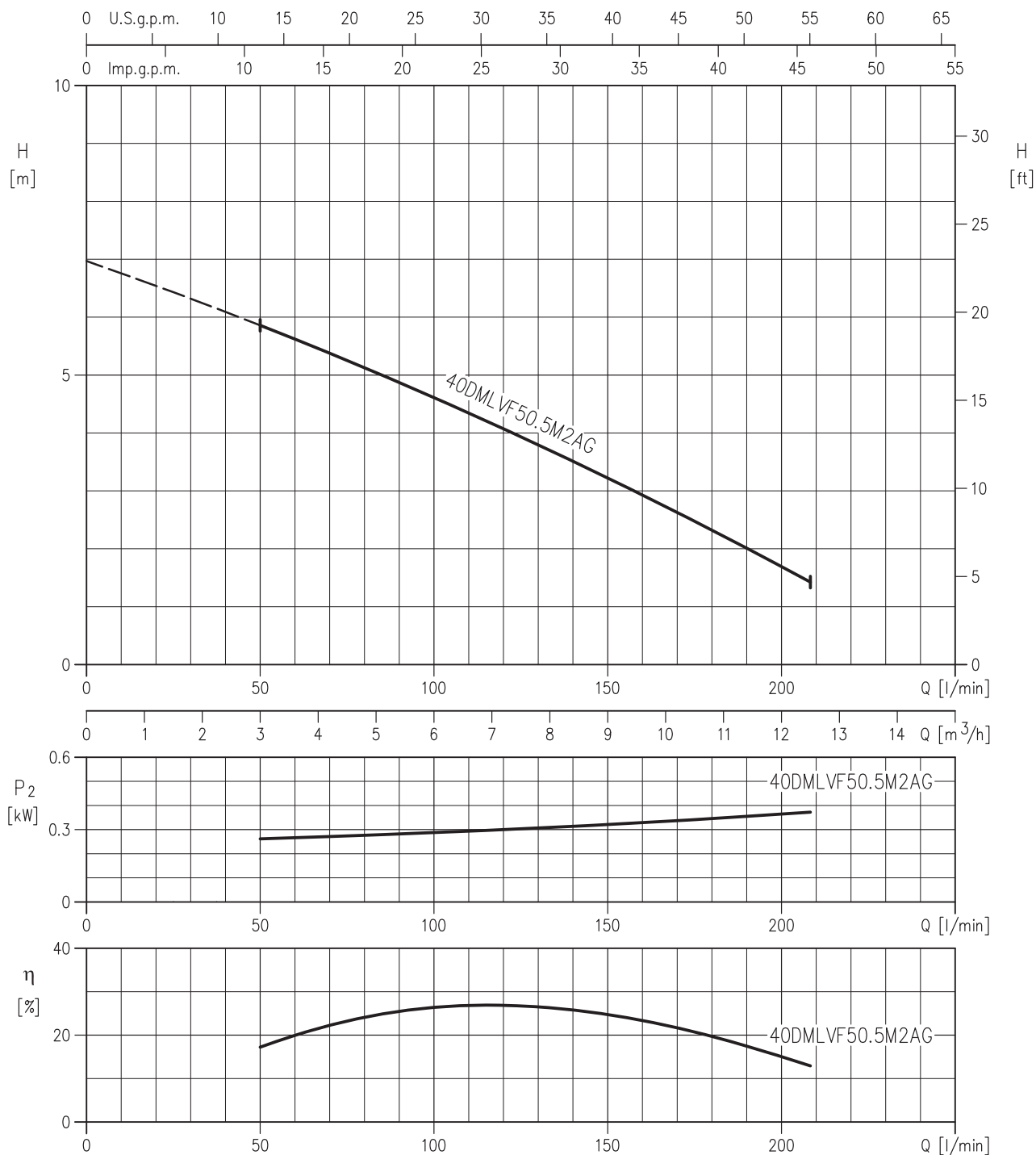
100DMLV515 (15 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

100DMLV522 (22 kW)

Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

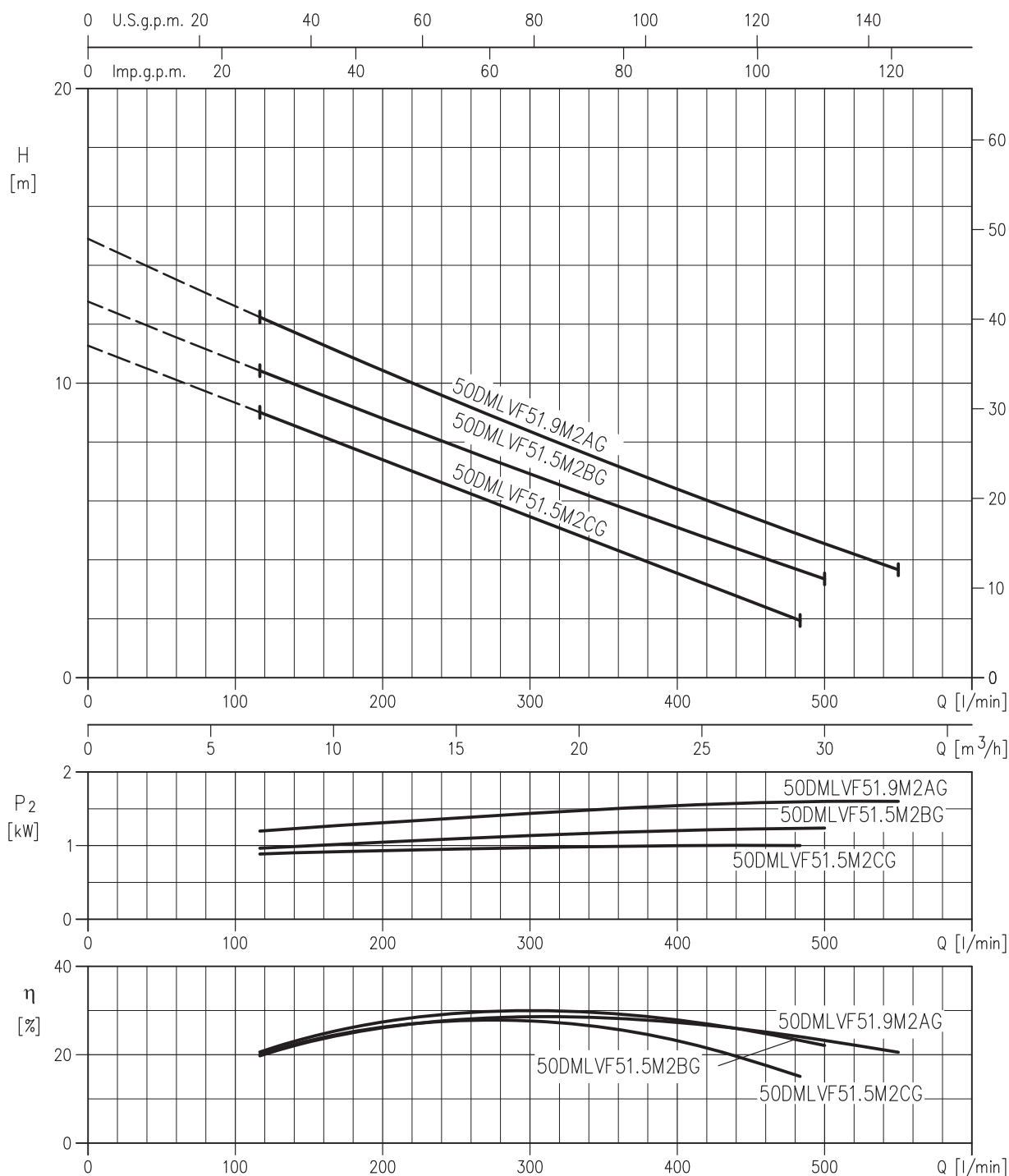
40DMLVF50.5M2AG (0.5 kW)



Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

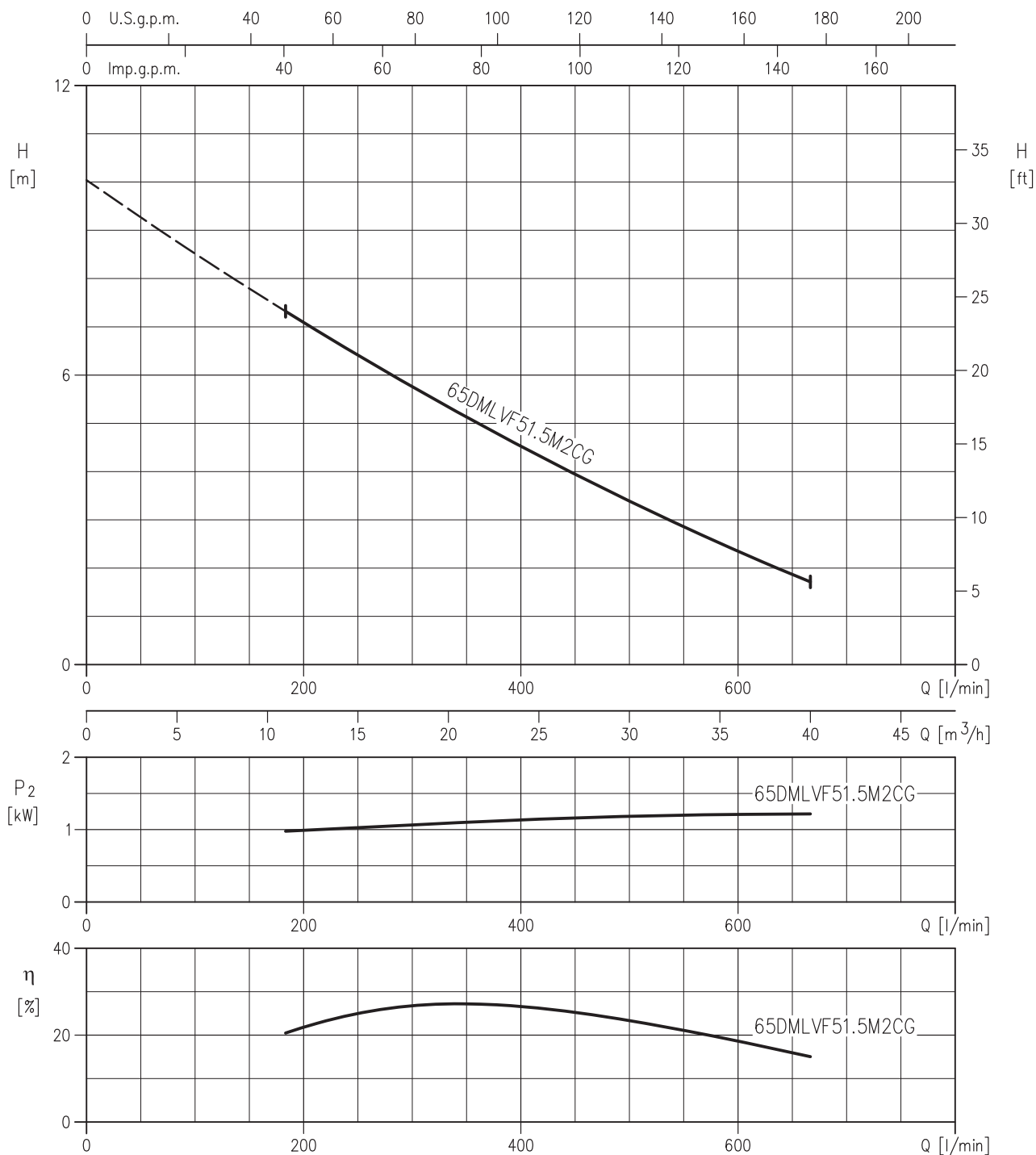
PERFORMANCE CURVE**50 Hz**

Rev. E

50DMLVF51.5M2CG (1.5 kW)**50DMLVF51.5M2BG (1.5 kW)****50DMLVF51.9M2AG (1.9 kW)**

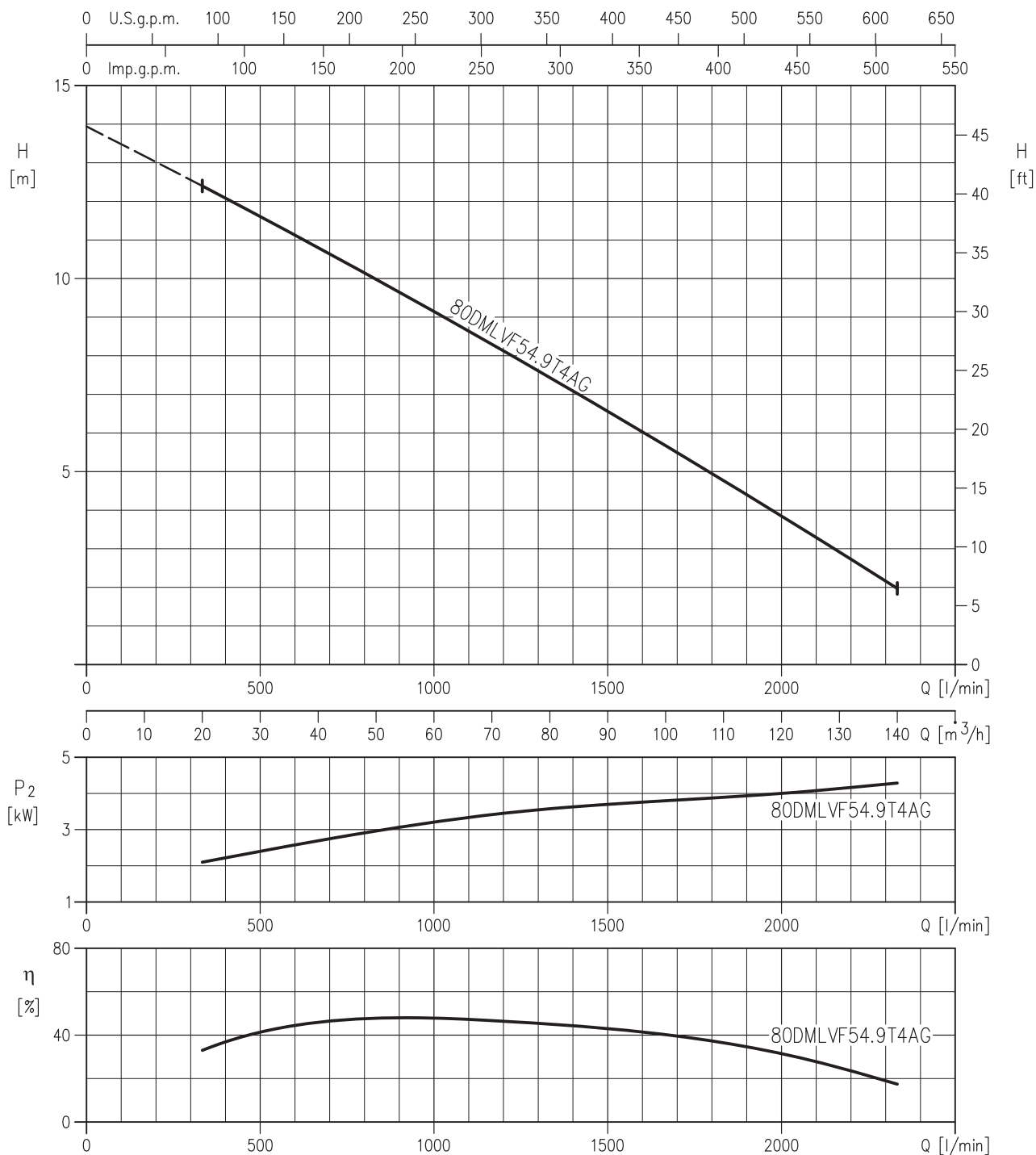
Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

65DMLVF51.5M2CG (1.5 kW)



Rotation speed $\approx 2800 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

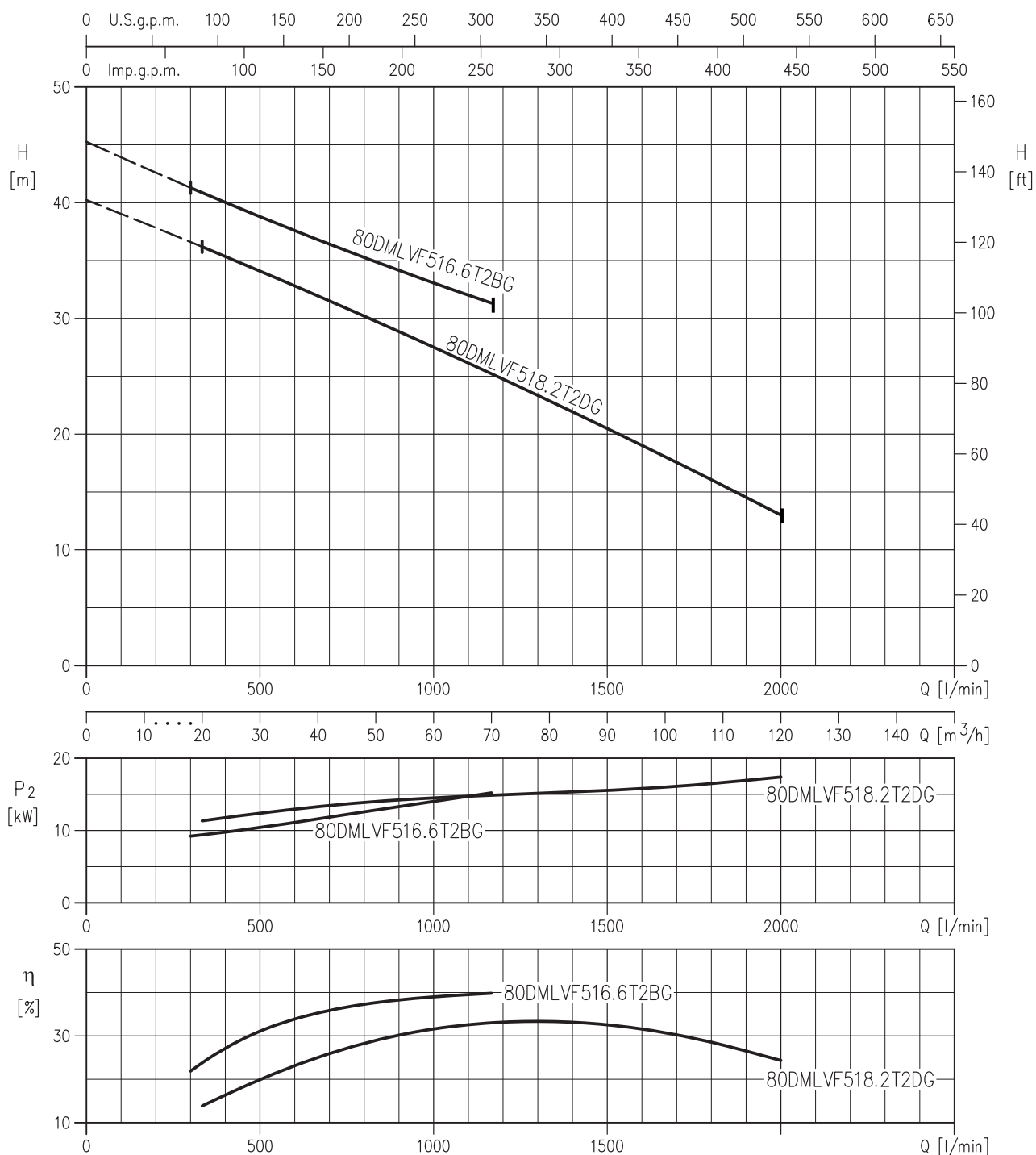
80DMLVF54.9T4AG (4.9 kW)



Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

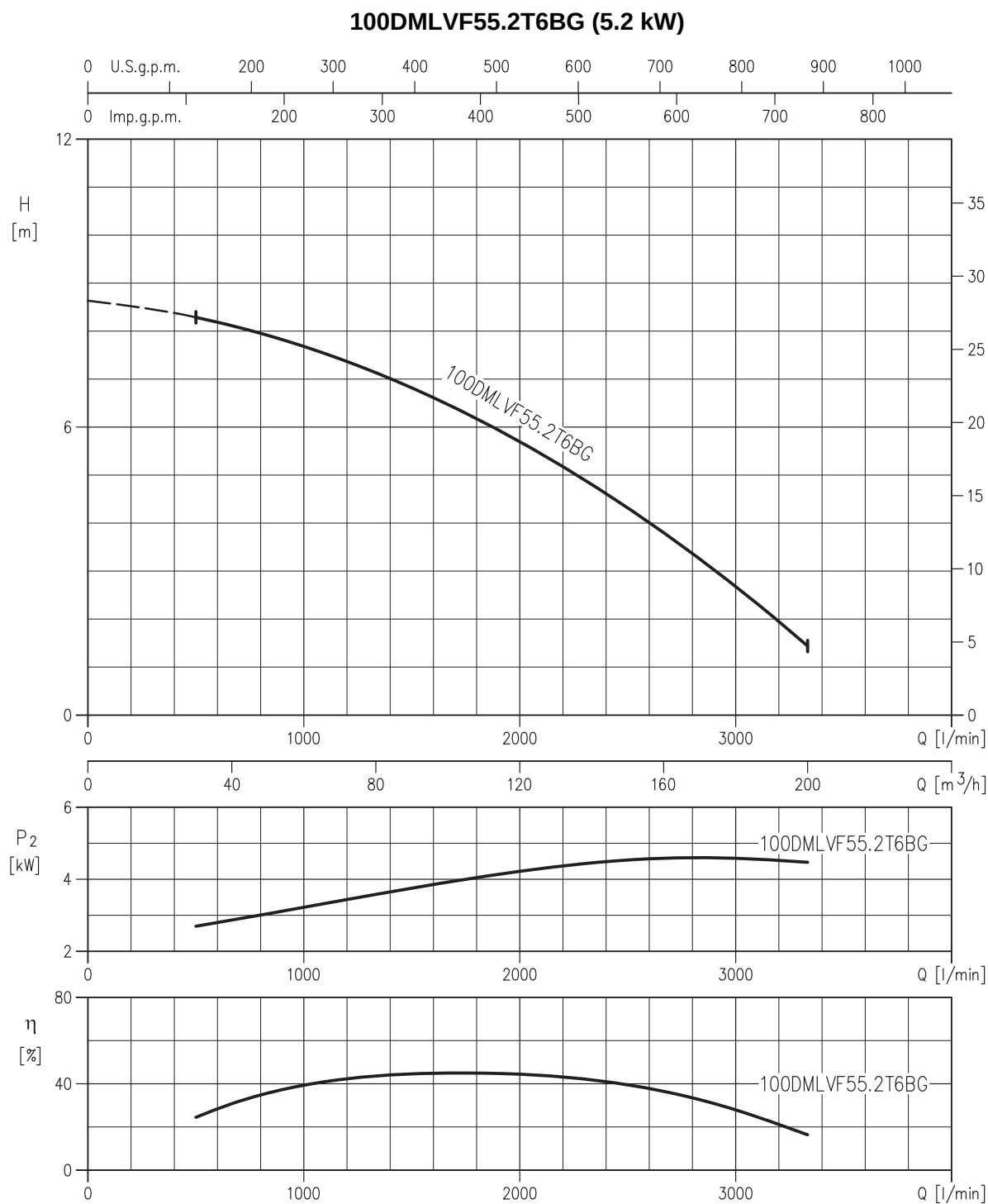
PERFORMANCE CURVE**50 Hz**

Rev. E

80DMLVF516.6T2BG (16.6kW)**80DMLVF518.2T2DG (18.2kW)**

Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

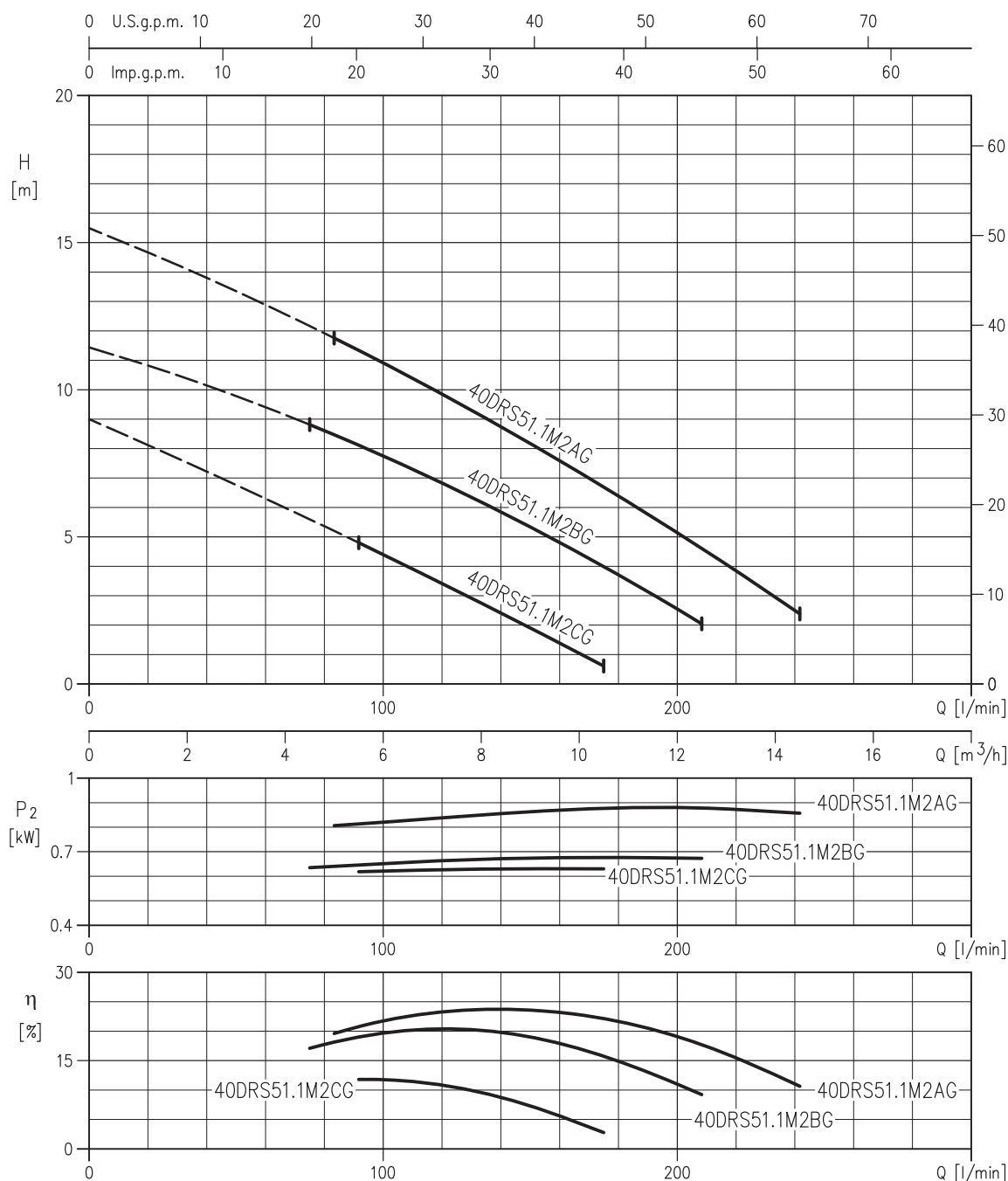
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Rotation speed $\approx 950 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

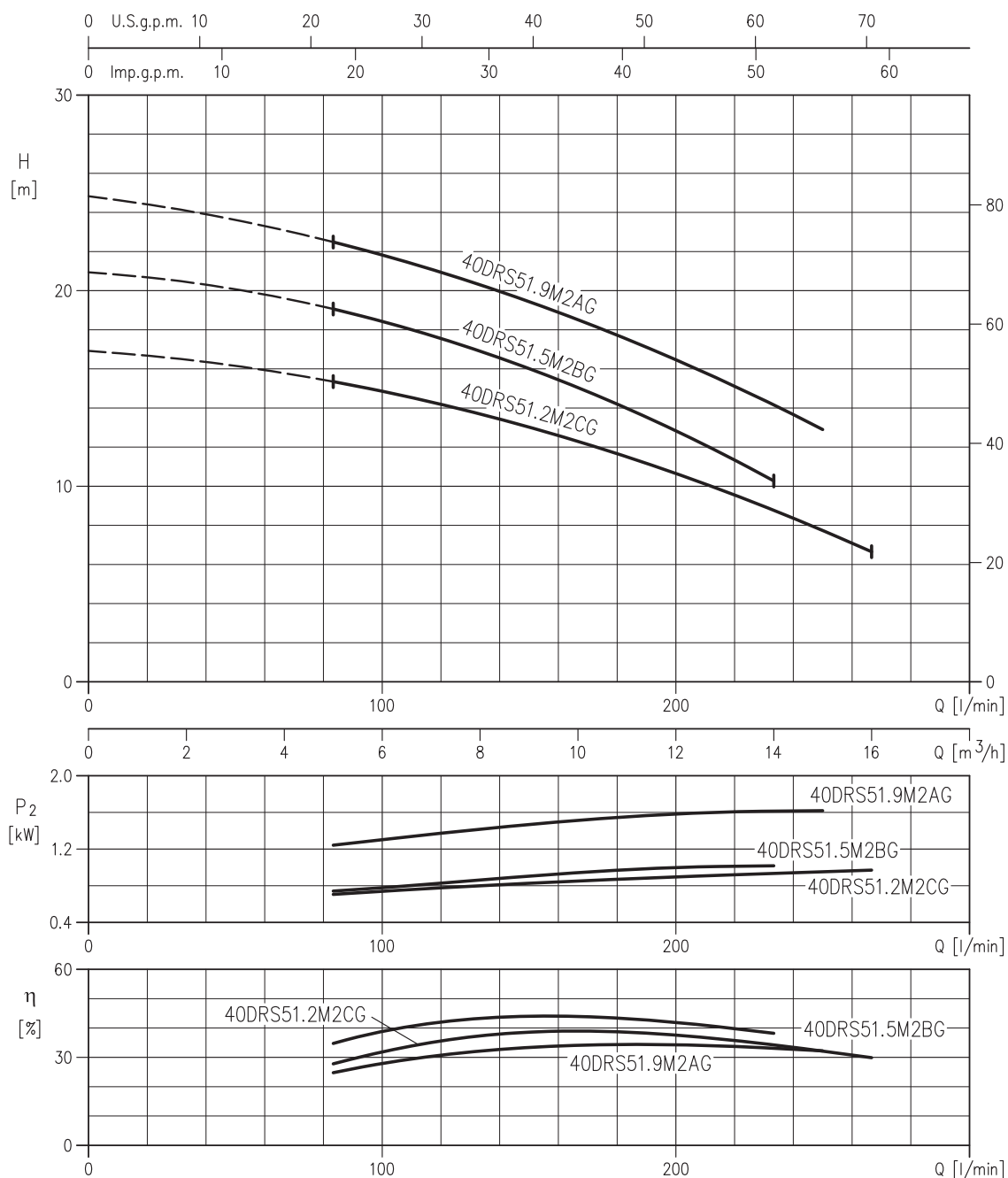
Rev. E

40DRS51.1M2CG (1.1 kW)**40DRS51.1M2BG (1.1 kW)****40DRS51.1M2AG (1.1 kW)**

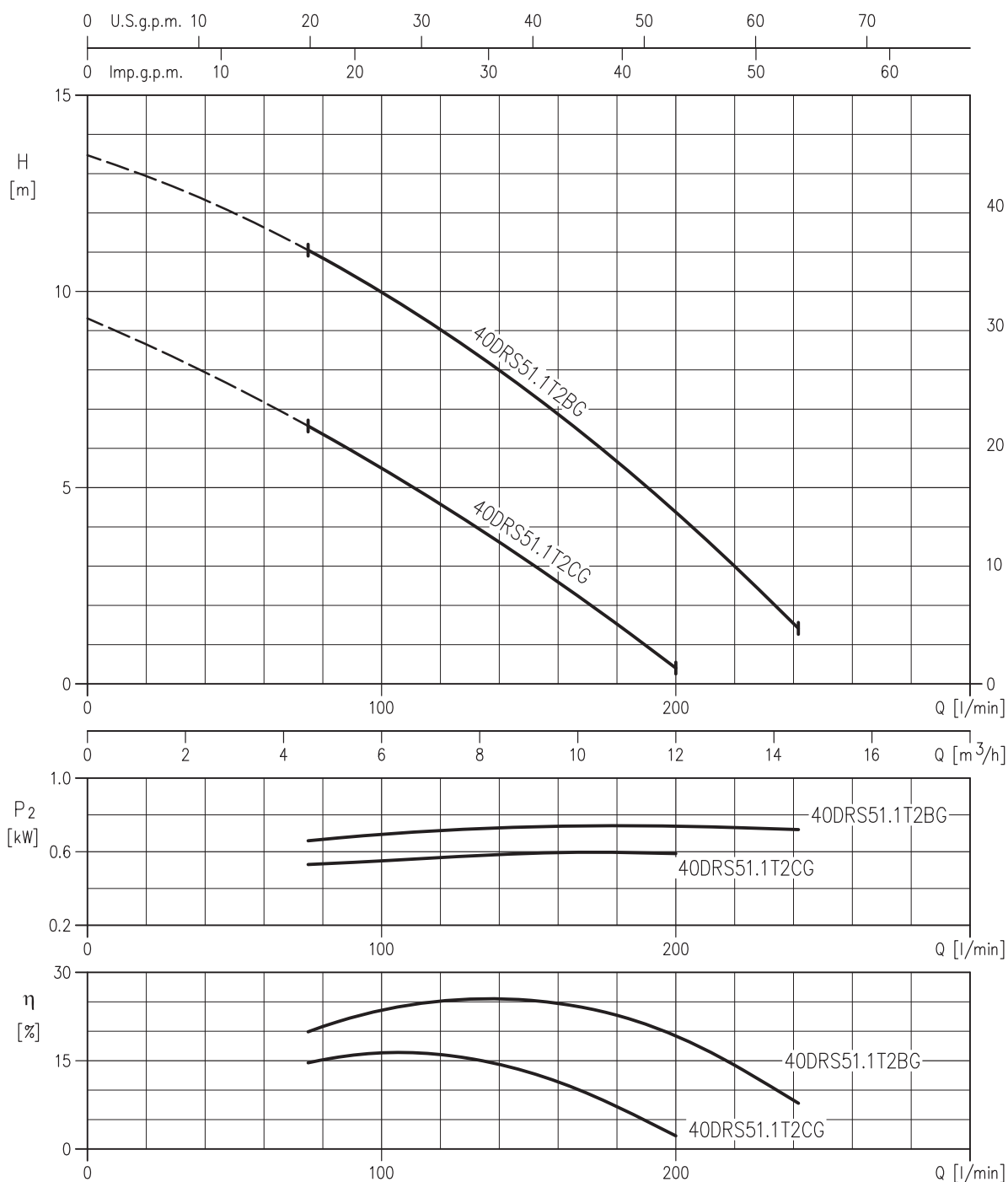
Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE**50 Hz**

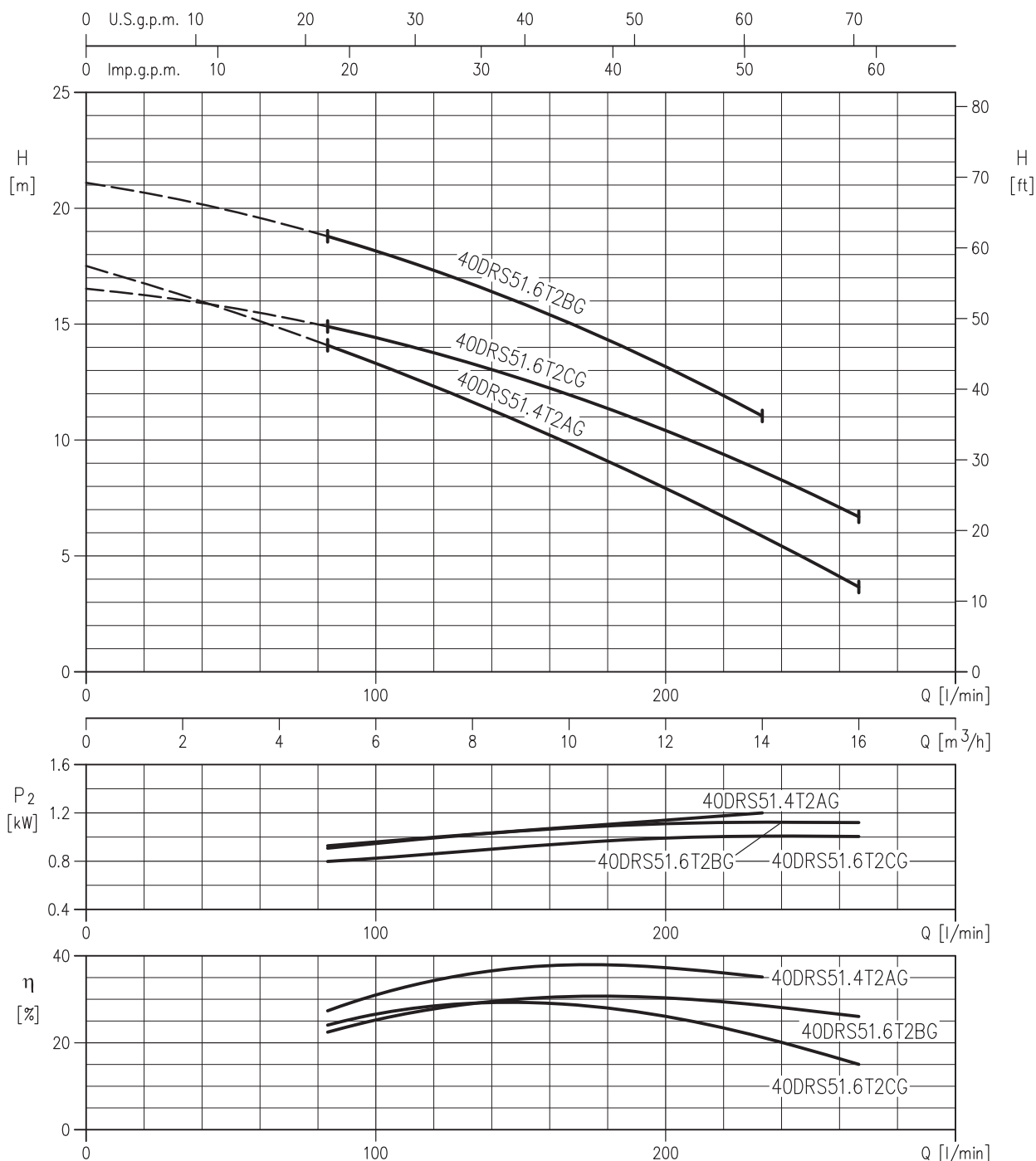
Rev. E

40DRS51.2M2CG (1.2 kW)**40DRS51.5M2BG (1.5 kW)****40DRS51.9M2AG (1.9 kW)**

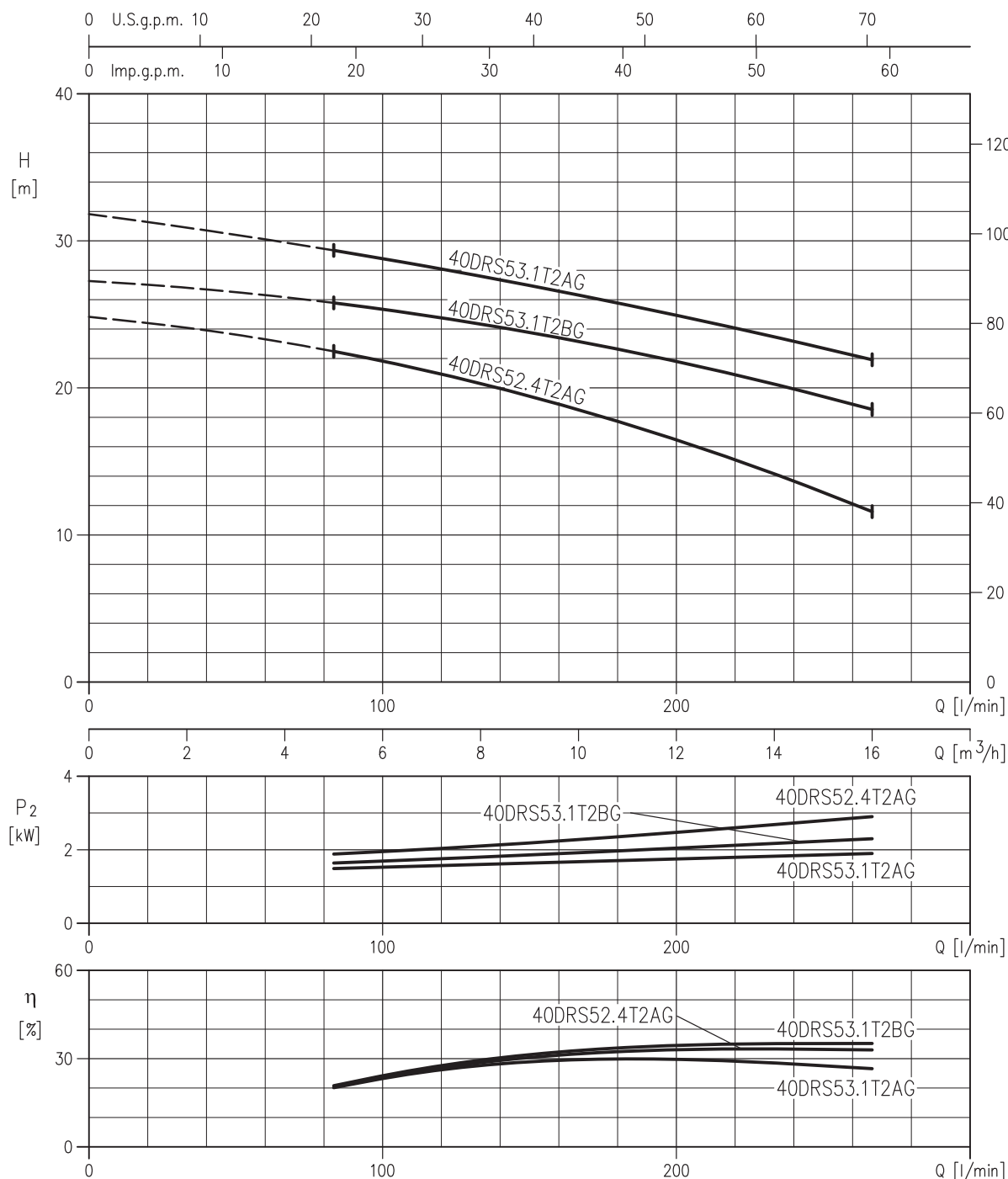
Rotation speed $\approx 2800 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

40DRS51.1T2CG (1.1 kW)**40DRS51.1T2BG (1.1 kW)**

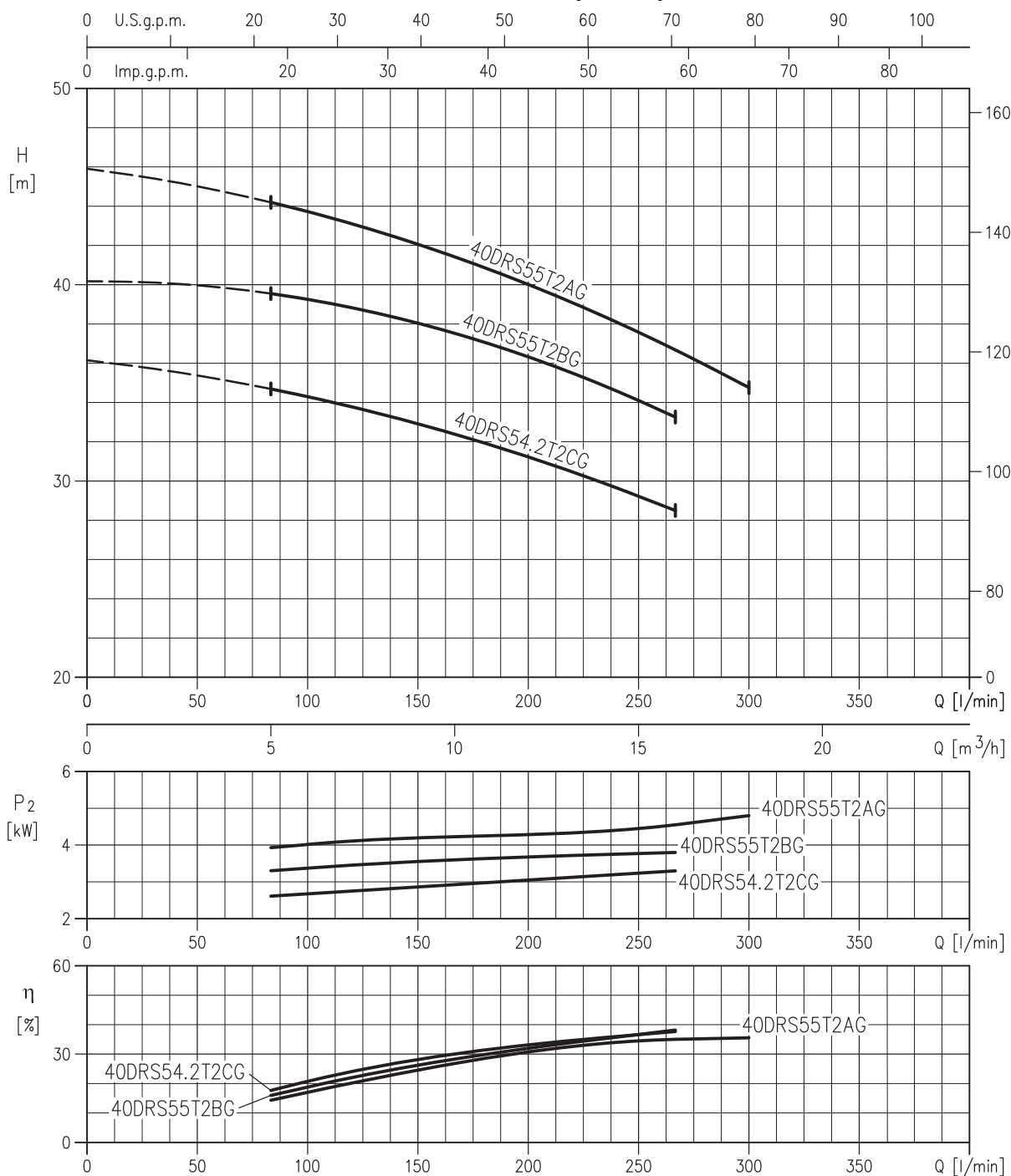
Rotation speed $\approx 2800 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

40DRS51.4T2AG (1.4 kW)**40DRS51.6T2CG (1.6 kW)****40DRS51.6T2BG (1.6 kW)**

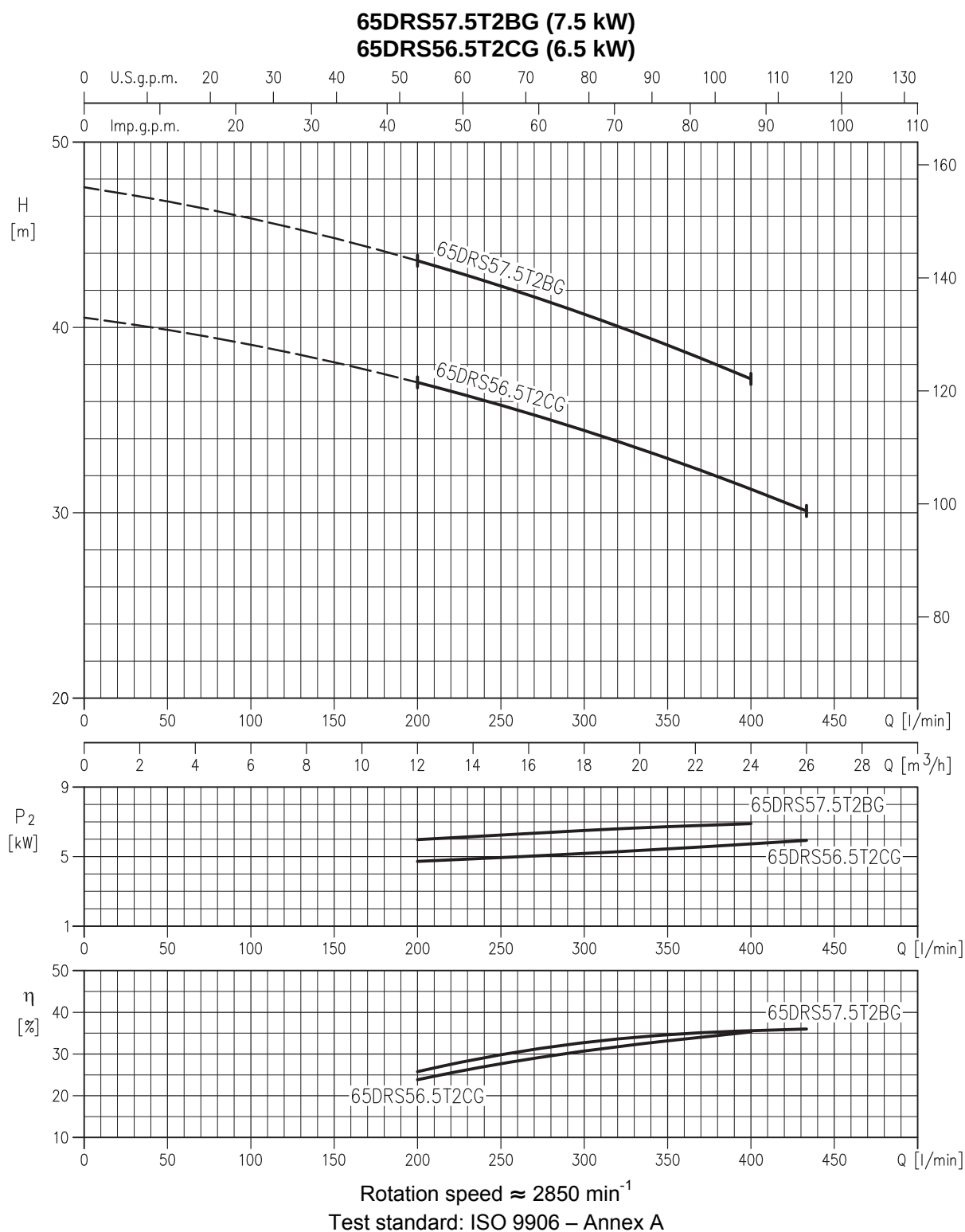
Rotation speed $\approx 2800 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

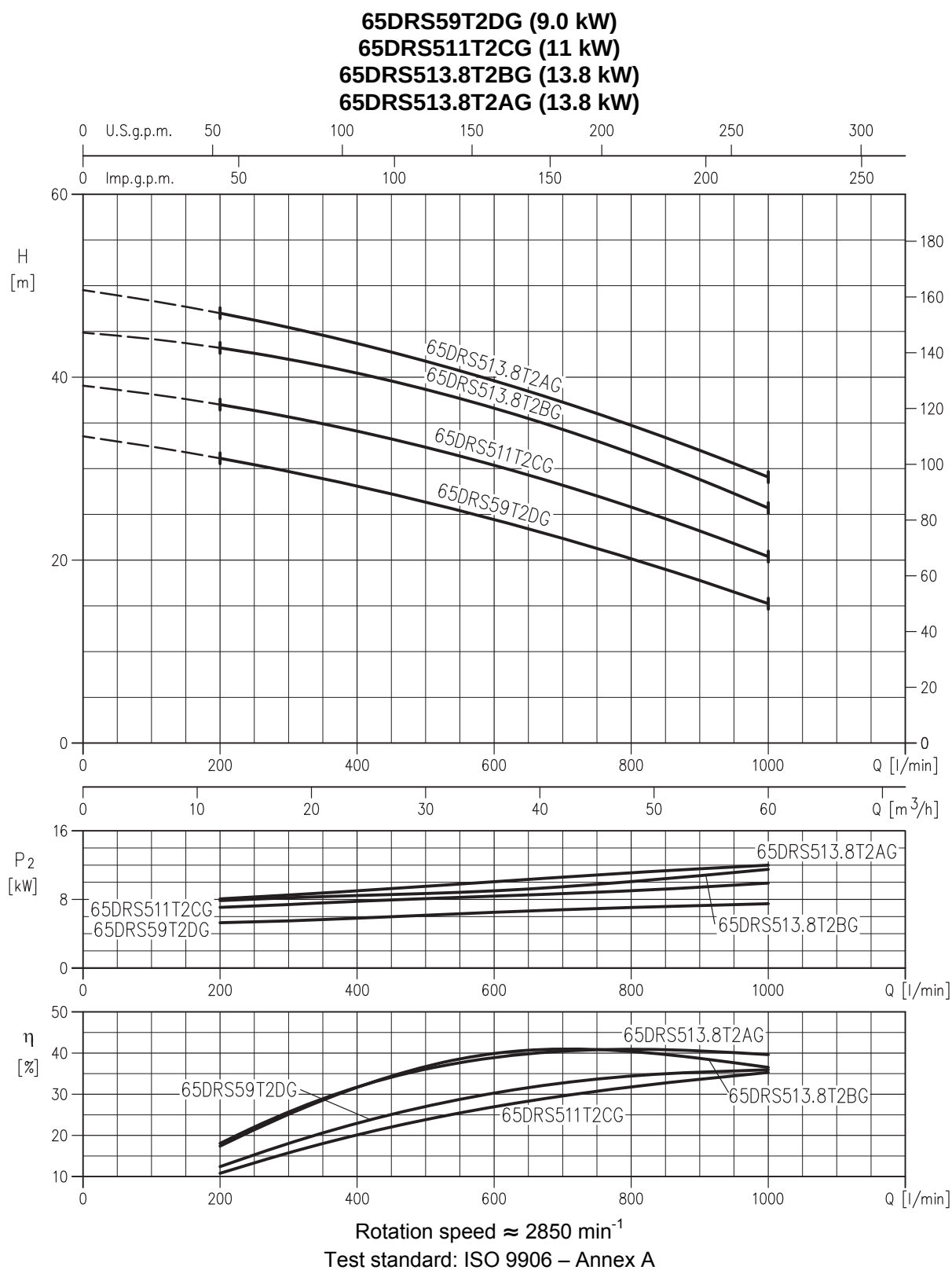
40DRS52.4T2AG (2.4 kW)**40DRS53.1T2BG (3.1 kW)****40DRS53.1T2AG (3.1 kW)**

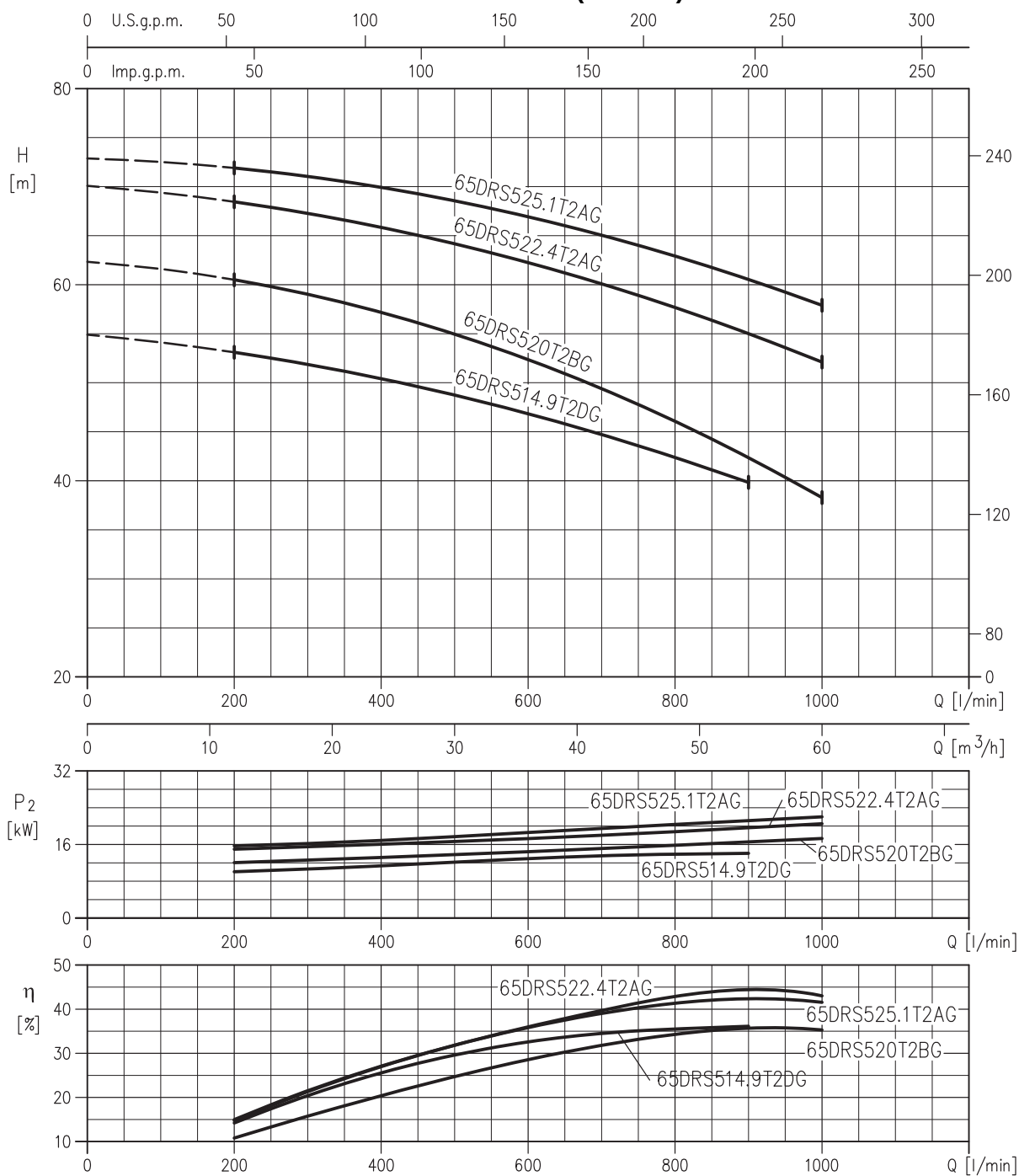
Rotation speed $\approx 2800 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

40DRS54.2T2CG (4.2 kW)**40DRS55T2BG (5.0kW)****40DRS55T2AG (5.0 kW)**

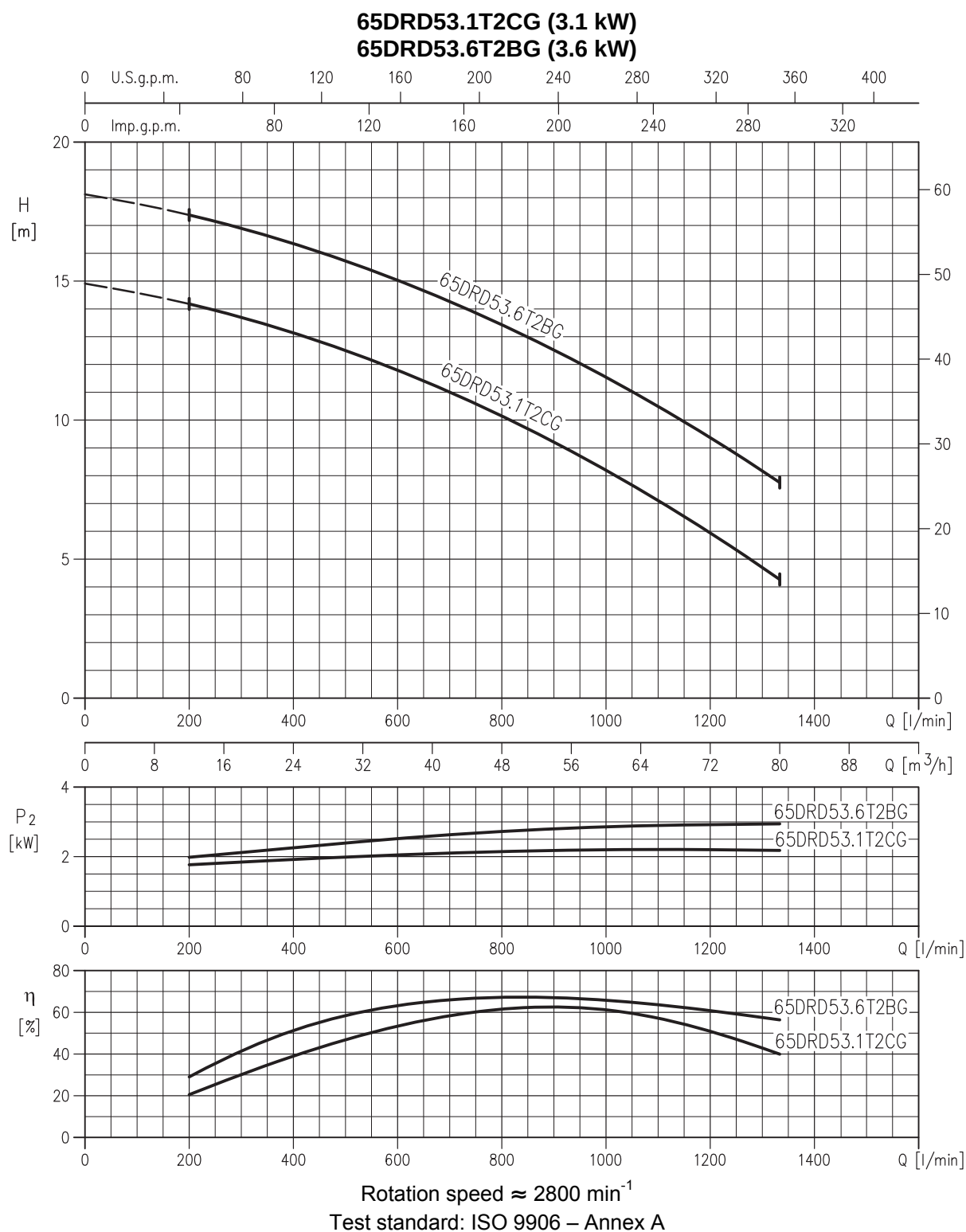
Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A



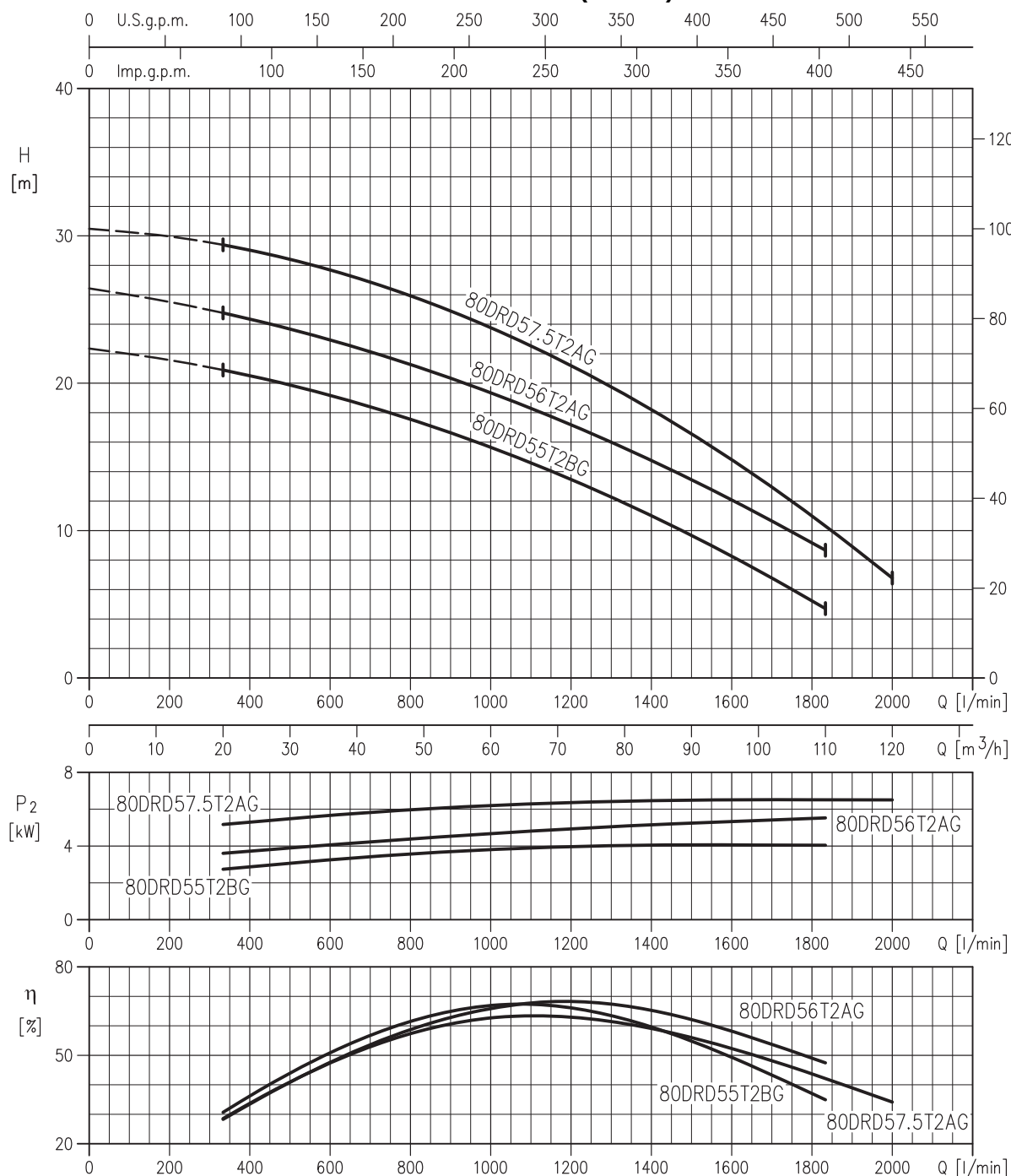


65DRS514.9T2GG (14.9 kW)**65DRS520T2BG (20 kW)****65DRS522.4T2AG (22.4 kW)****65DRS525.1T2AG (25.1 kW)**

Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A



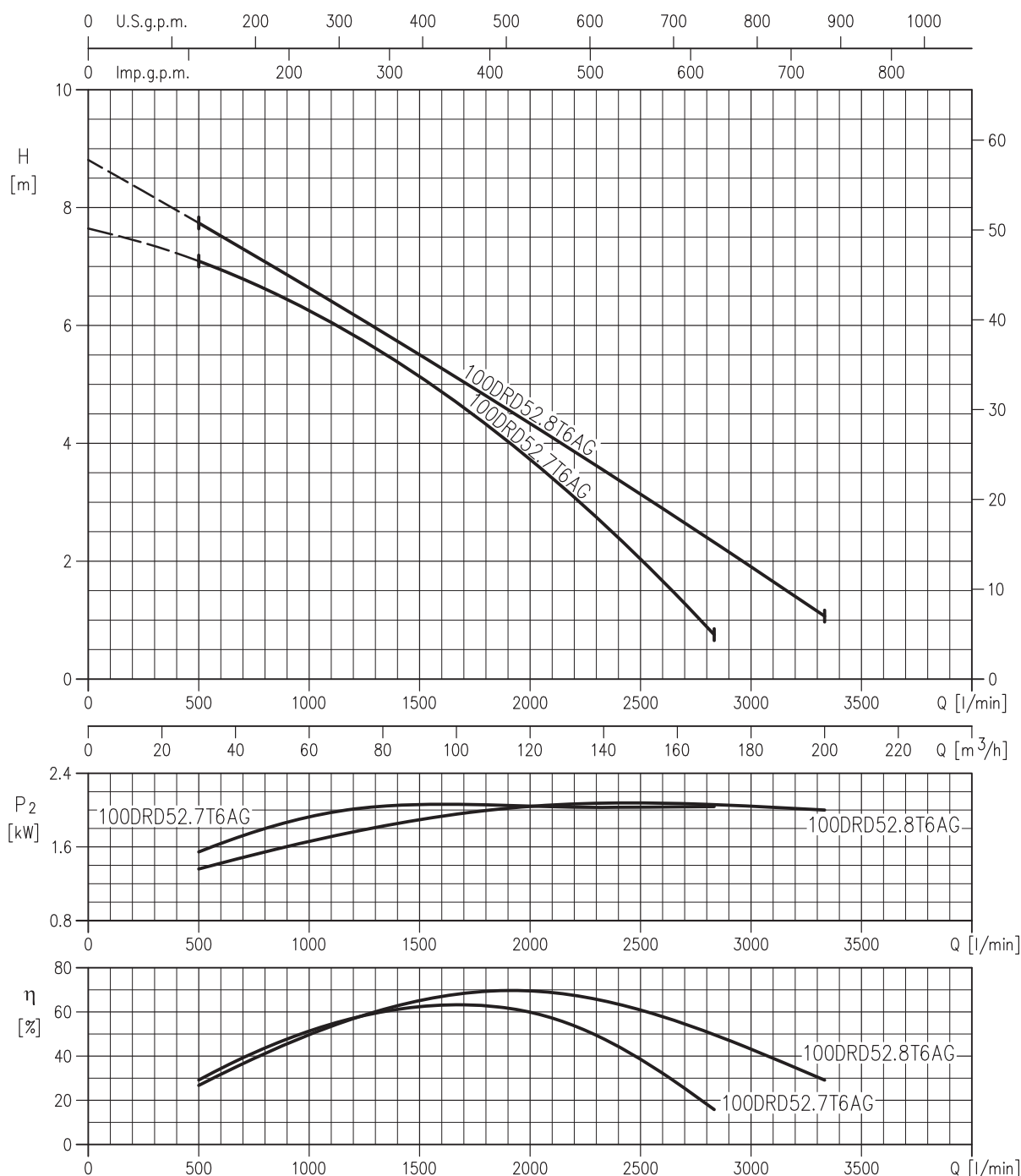
80DRD55T2BG (5.0 kW)
80DRD56T2AG (6.0 kW)
80DRD57.5T2AG (7.5 kW)



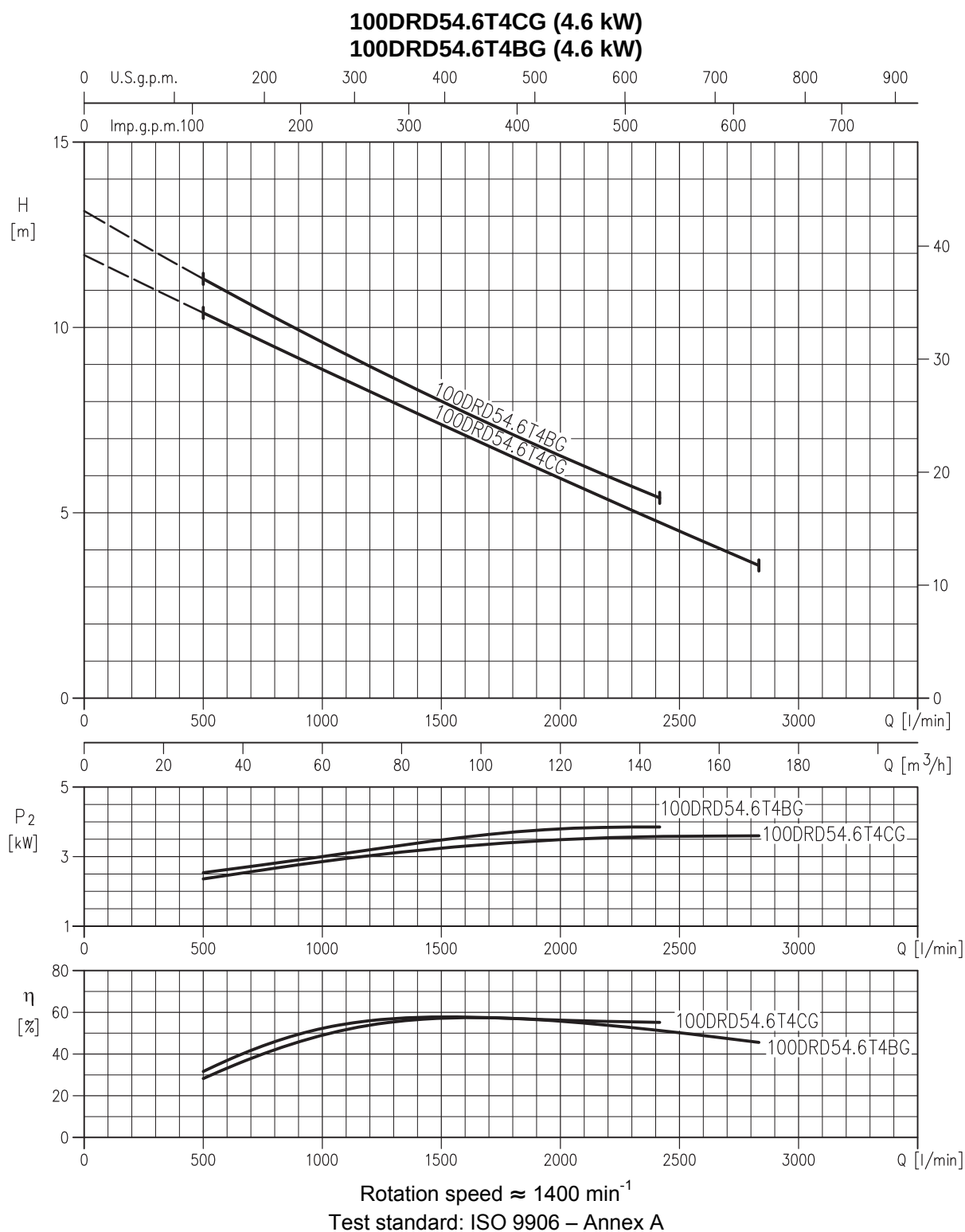
Rotation speed $\approx 2850 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

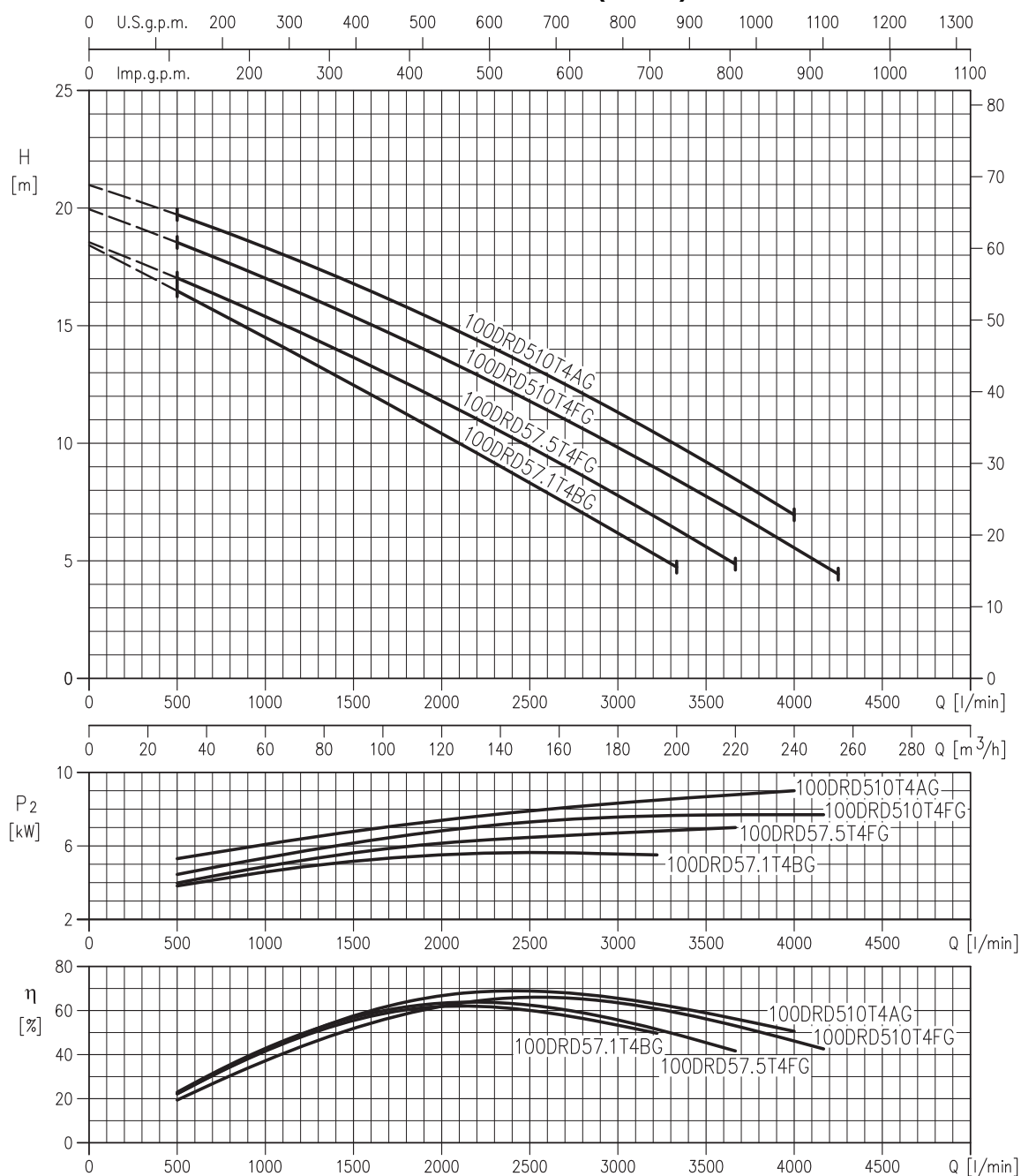
100DRD52.7T6AG (2.7 kW)

100DRD52.8T6AG (2.8 kW)

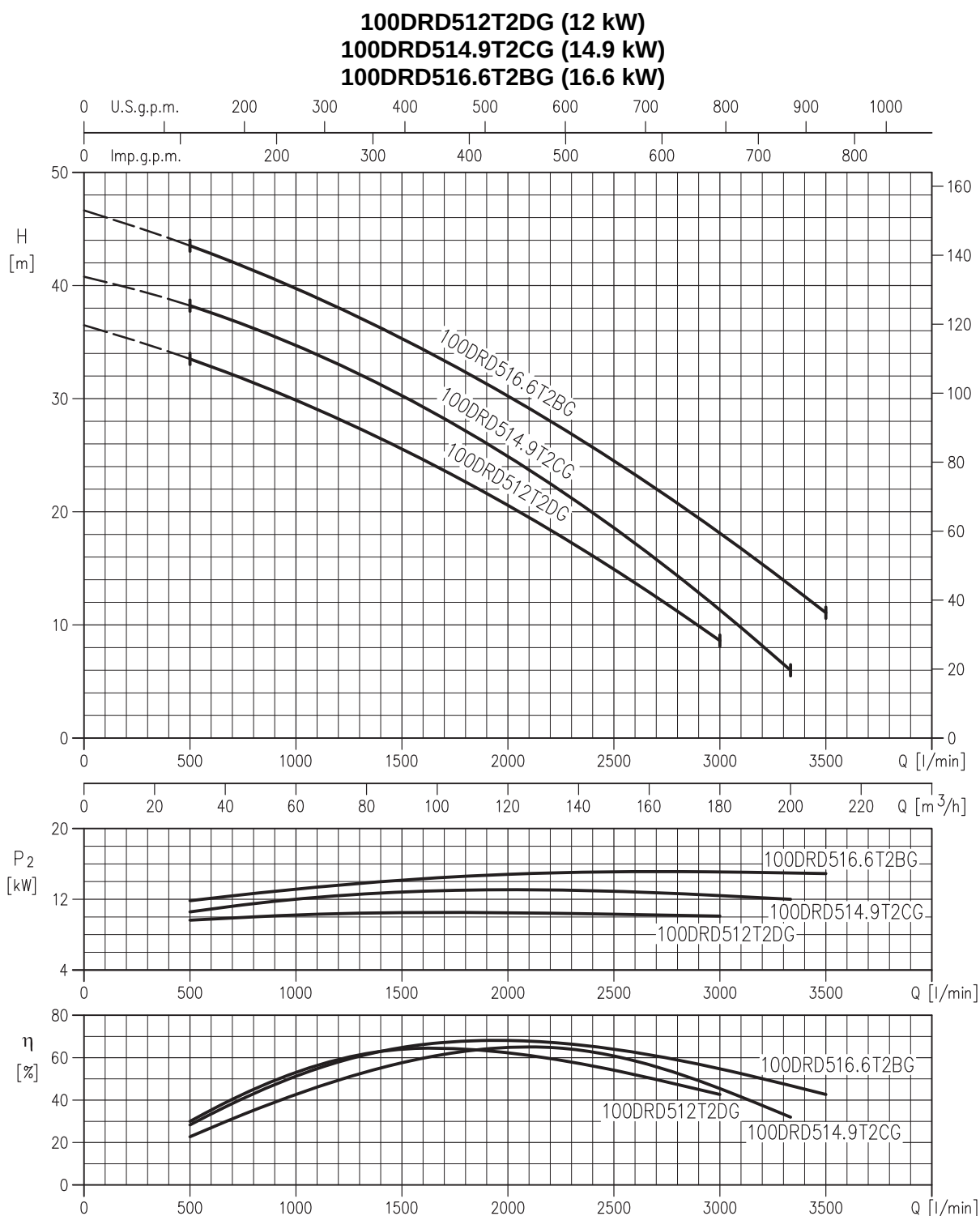


Rotation speed $\approx 950 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A



100DRD57.1T4BG (7.1 kW)**100DRD57.5T4FG (7.5 kW)****100DRD510T4FG (10 kW)****100DRD510T4AG (10 kW)**

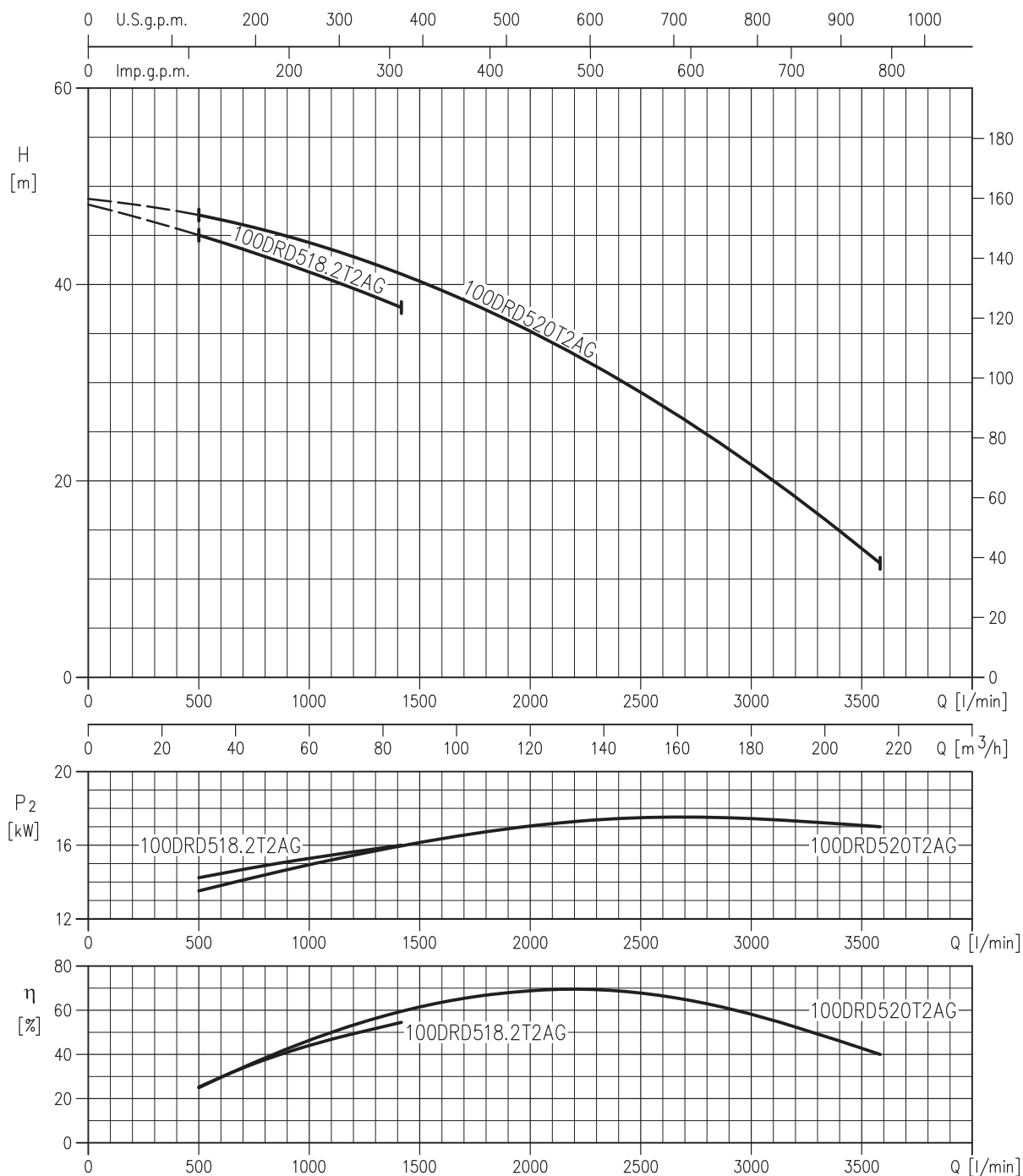
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A



Rotation speed ≈ 2850 min⁻¹
 Test standard: ISO 9906 – Annex A

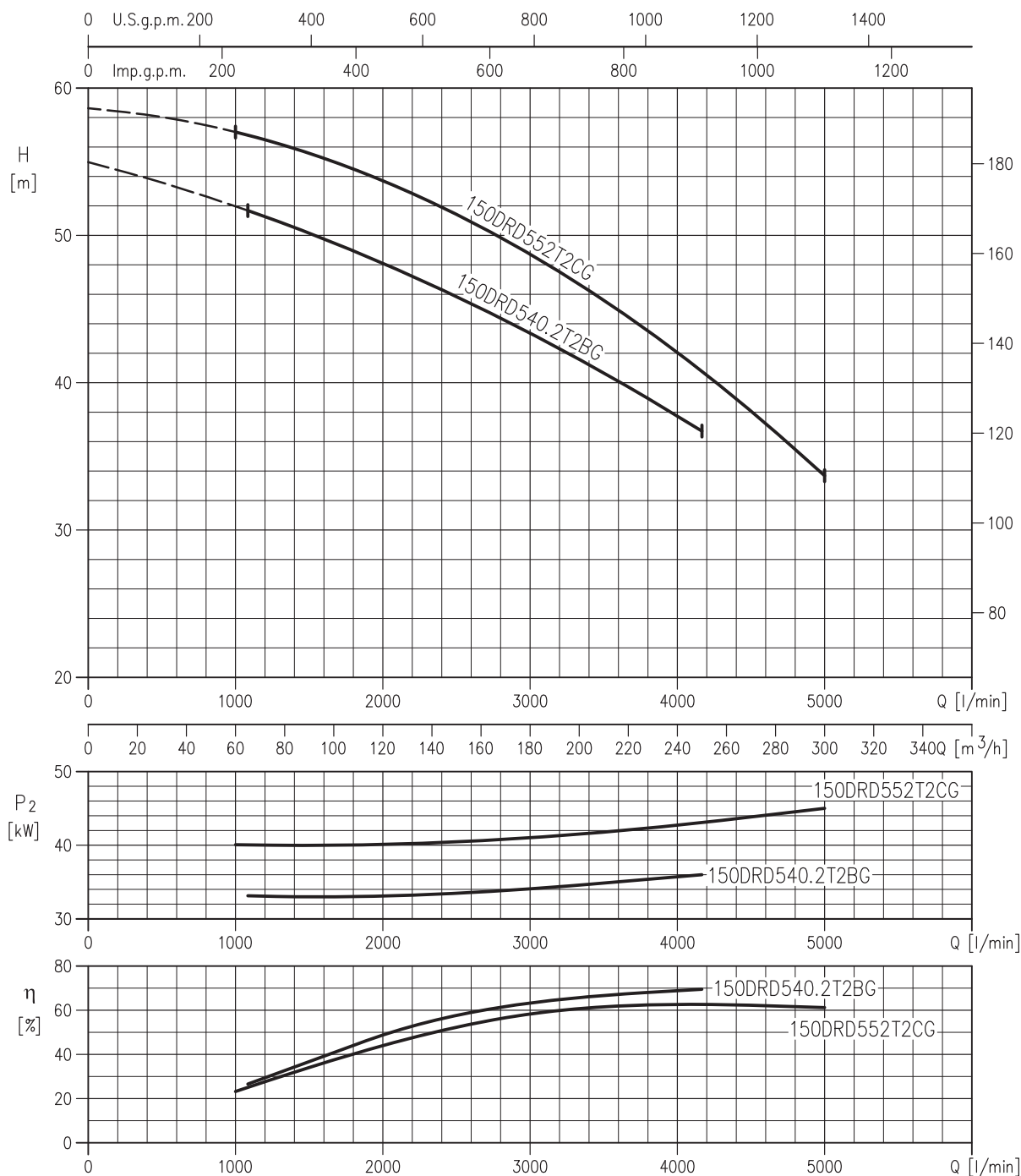
100DRD518.2T2AG (18.2 kW)

100DRD520T2AG (20 kW)



Rotation speed $\approx 2850 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

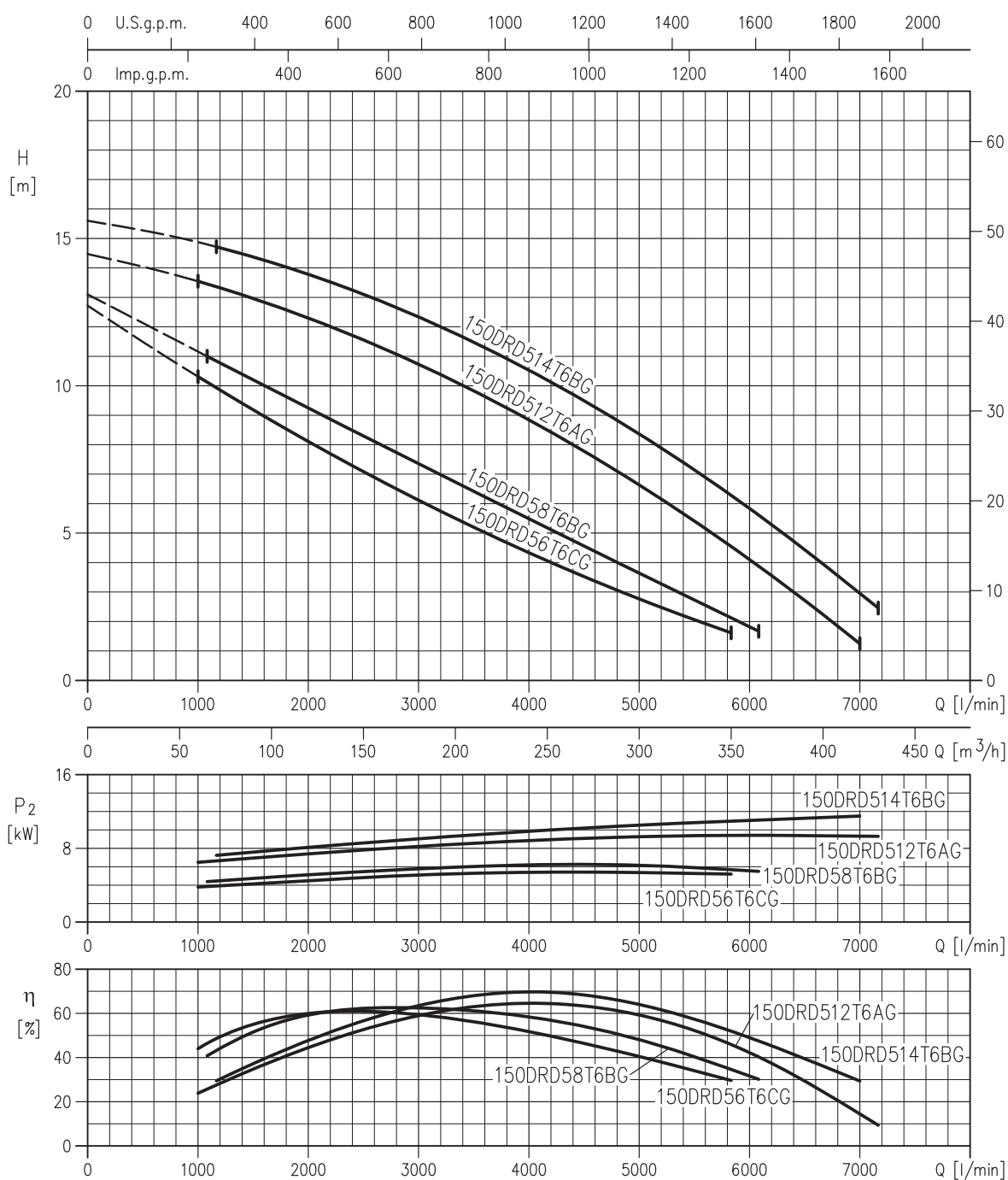
150DRD540.2T2BG (40.2 kW)
150DRD552T2CG (52 kW)



Rotation speed $\approx 2900 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

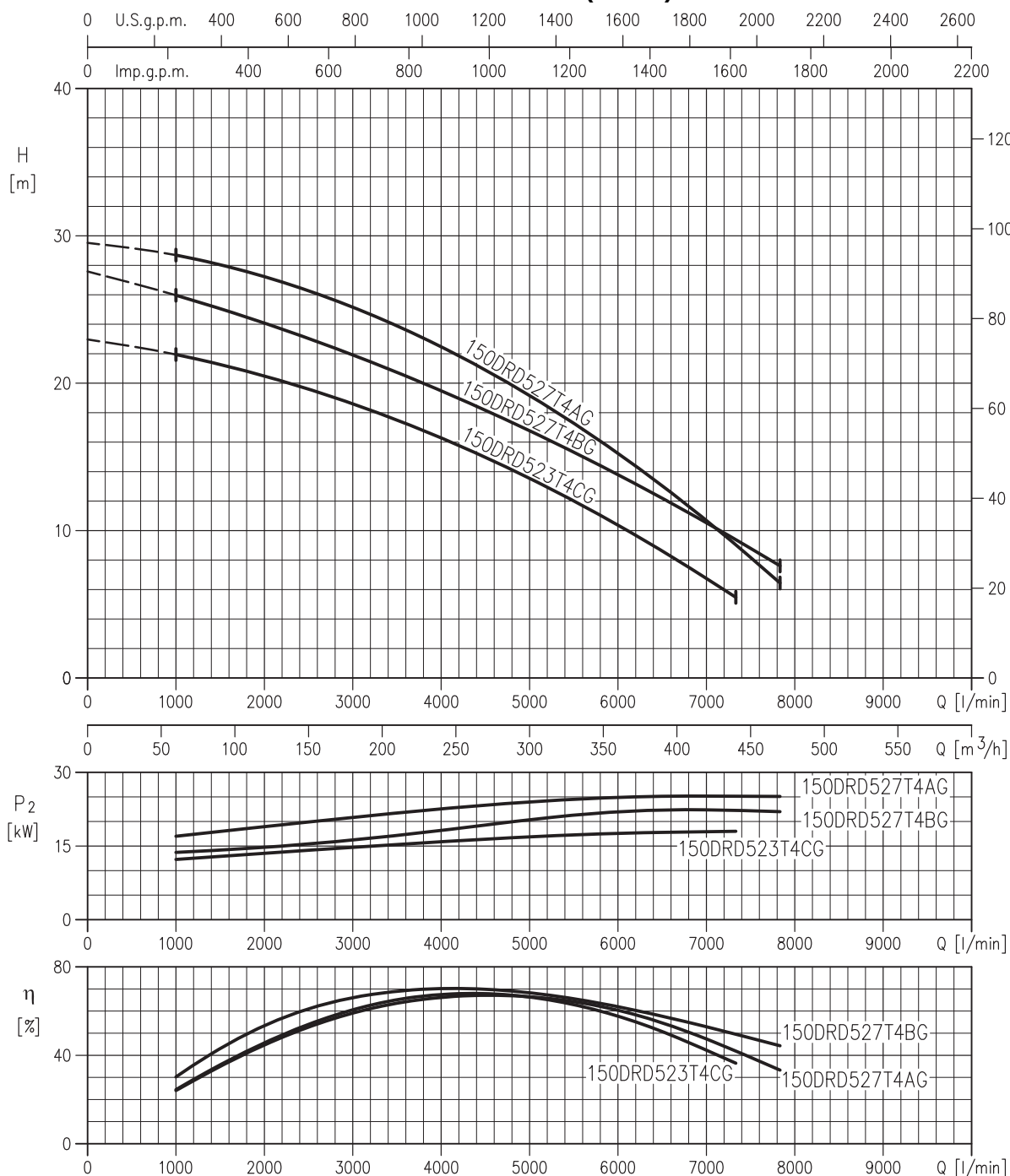
PERFORMANCE CURVE**50 Hz**

Rev. E

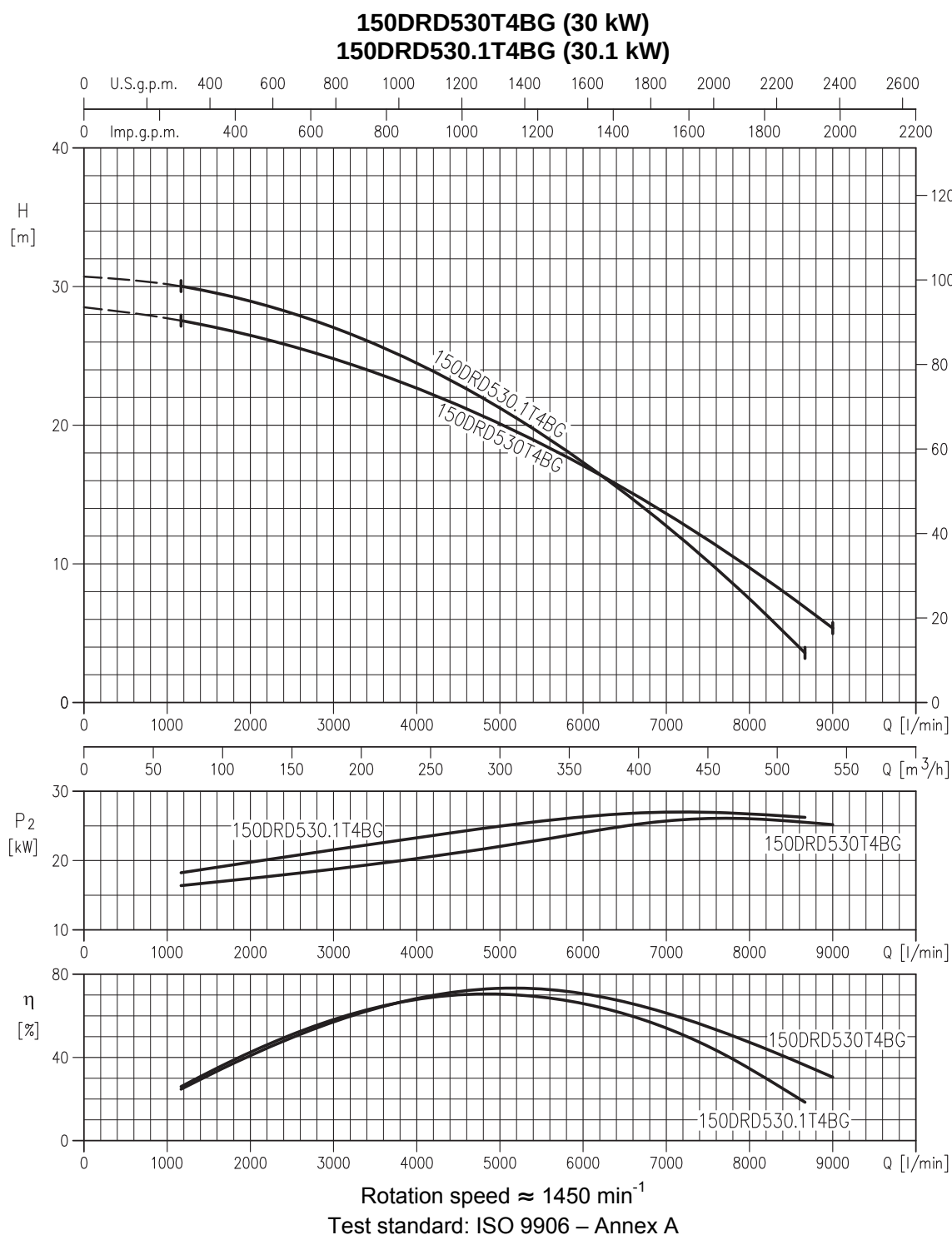
150DRD56T6CG (6.0 kW)**150DRD58T6BG (8.0 kW)****150DRD512T6AG (12 kW)****150DRD514T6BG (14 kW)**Rotation speed $\approx 950 \text{ min}^{-1}$

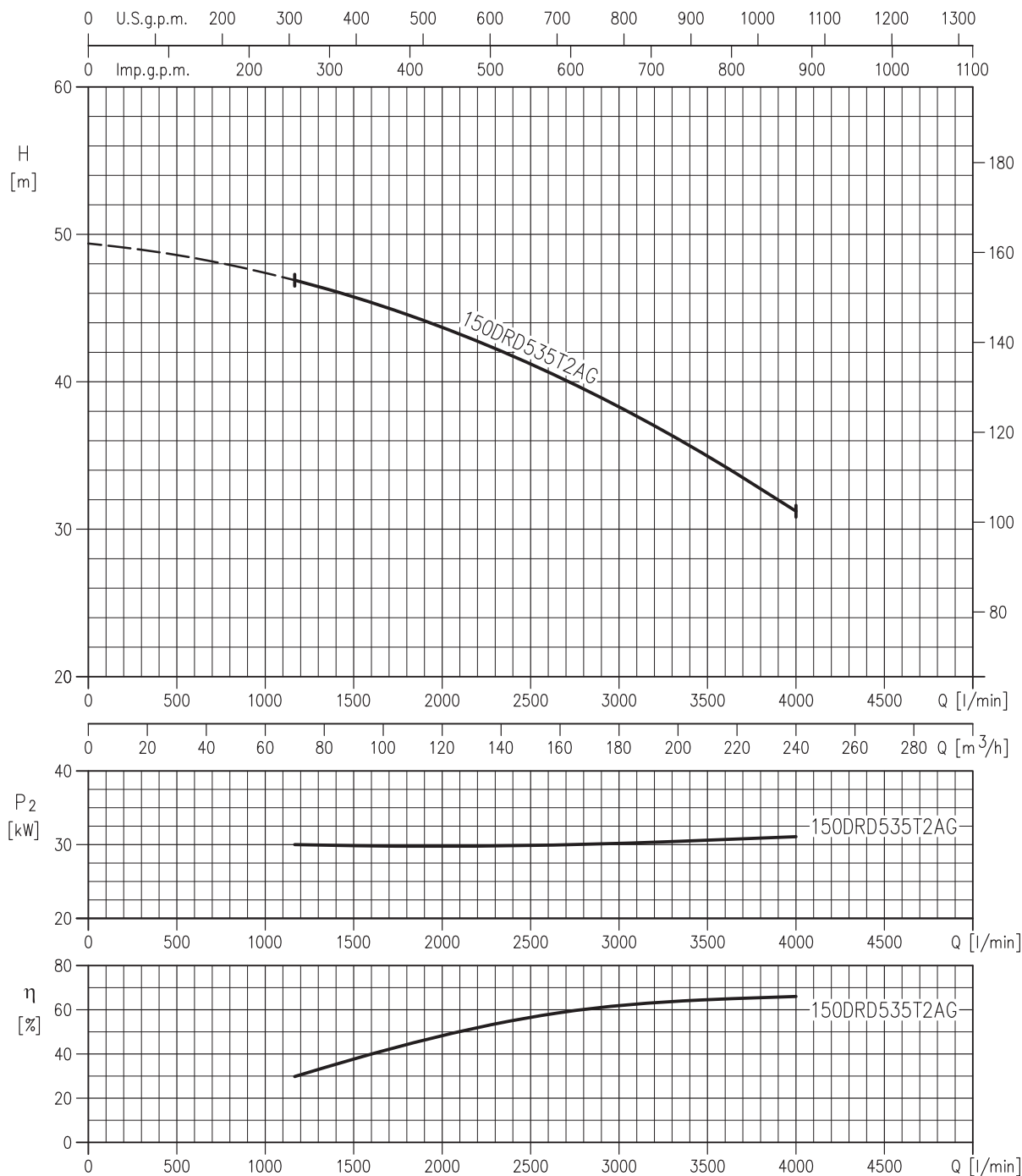
Test standard: ISO 9906 – Annex A

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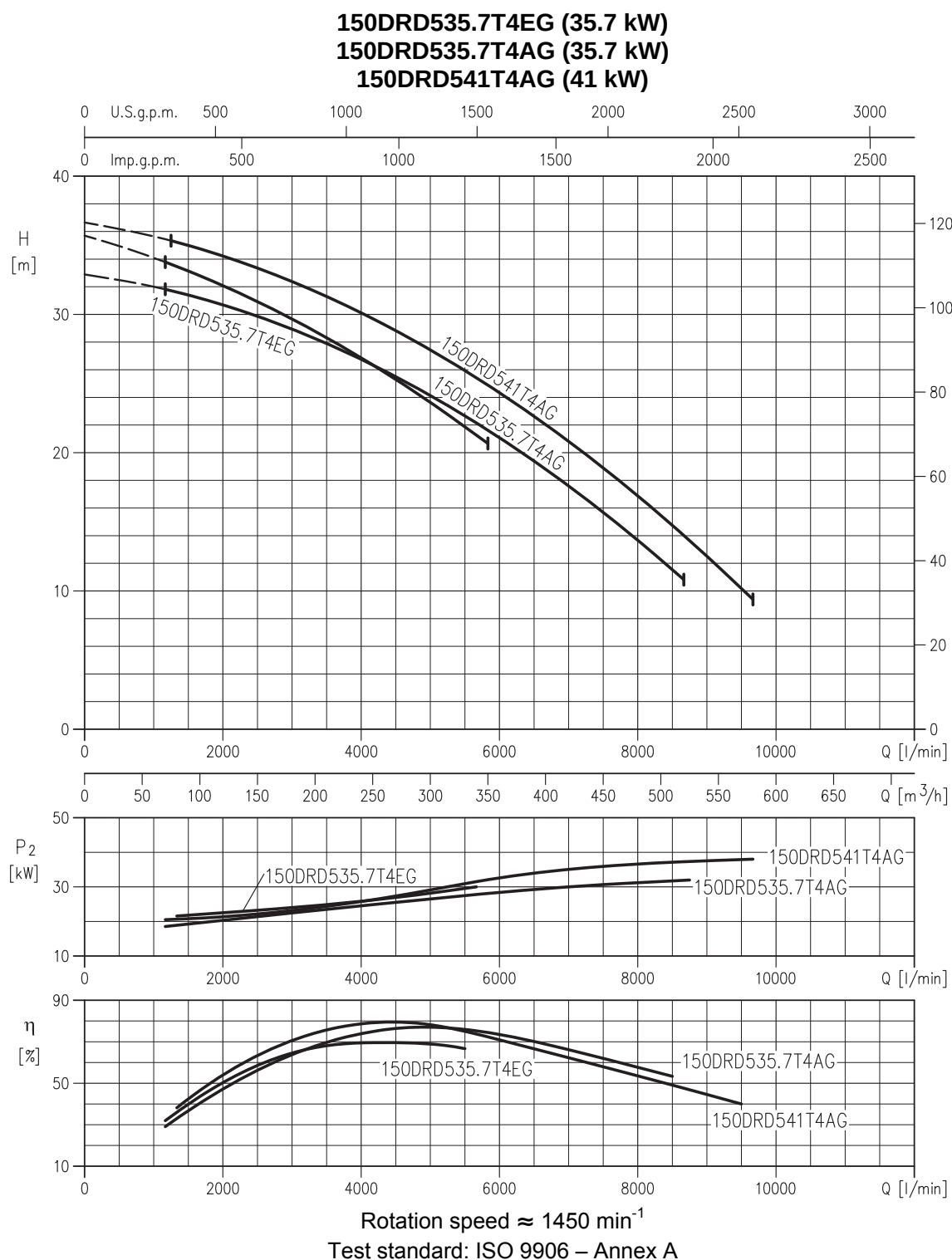
150DRD523T4CG (23 kW)**150DRD527T4BG (27 kW)****150DRD527T4AG (27 kW)**

Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A



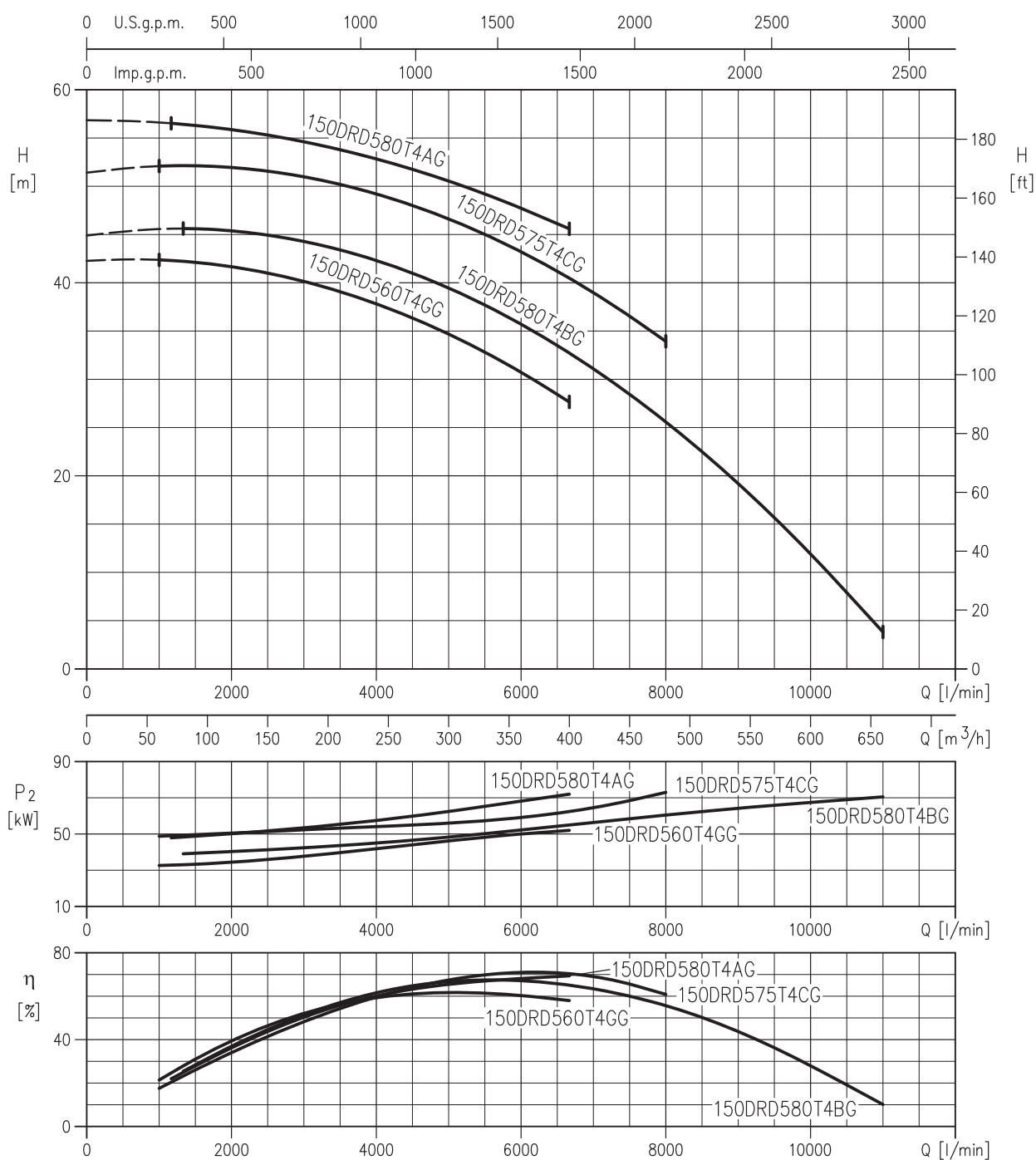
150DRD535T2AG (35 kW)

Rotation speed $\approx 2900 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A



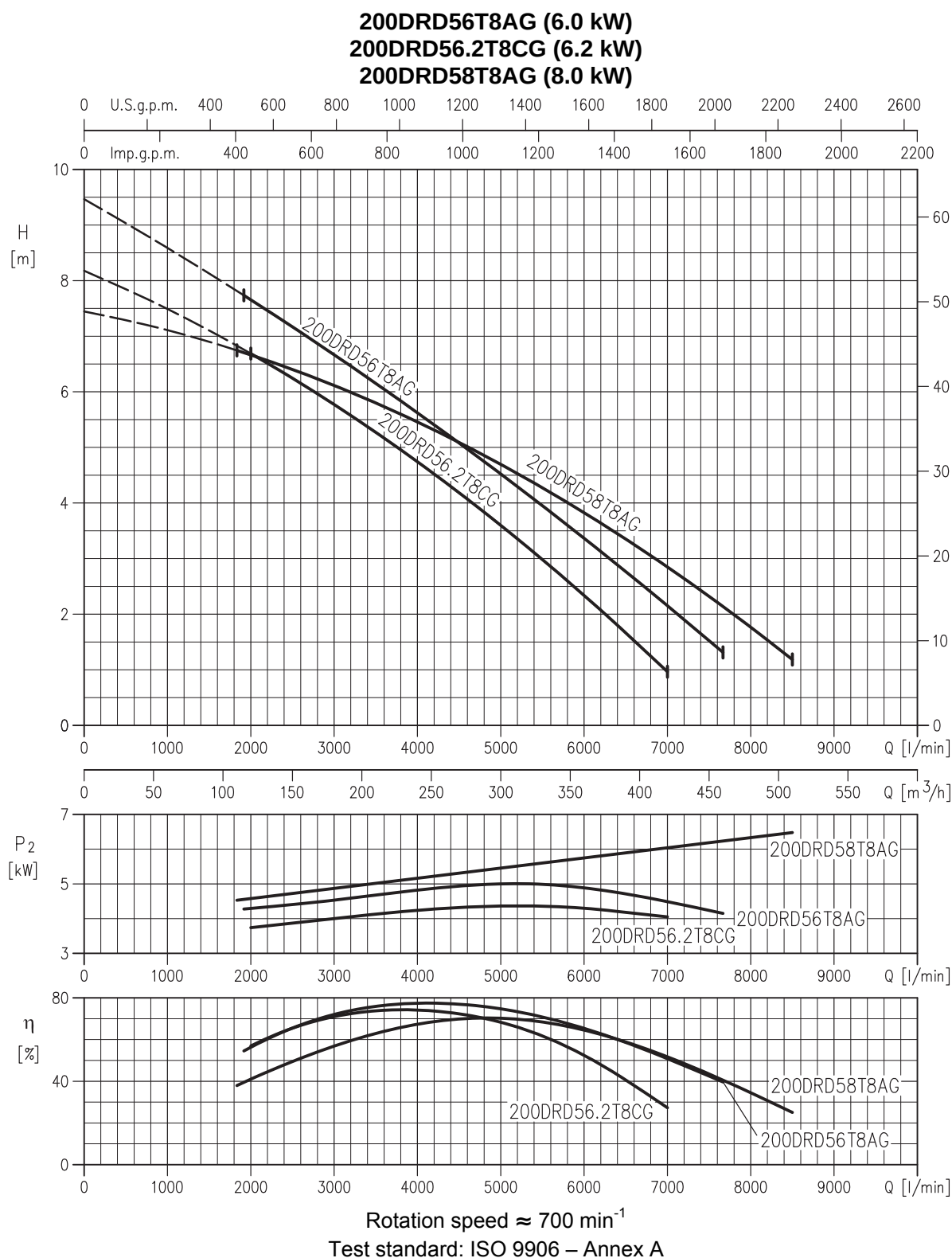
PERFORMANCE CURVE**50 Hz**

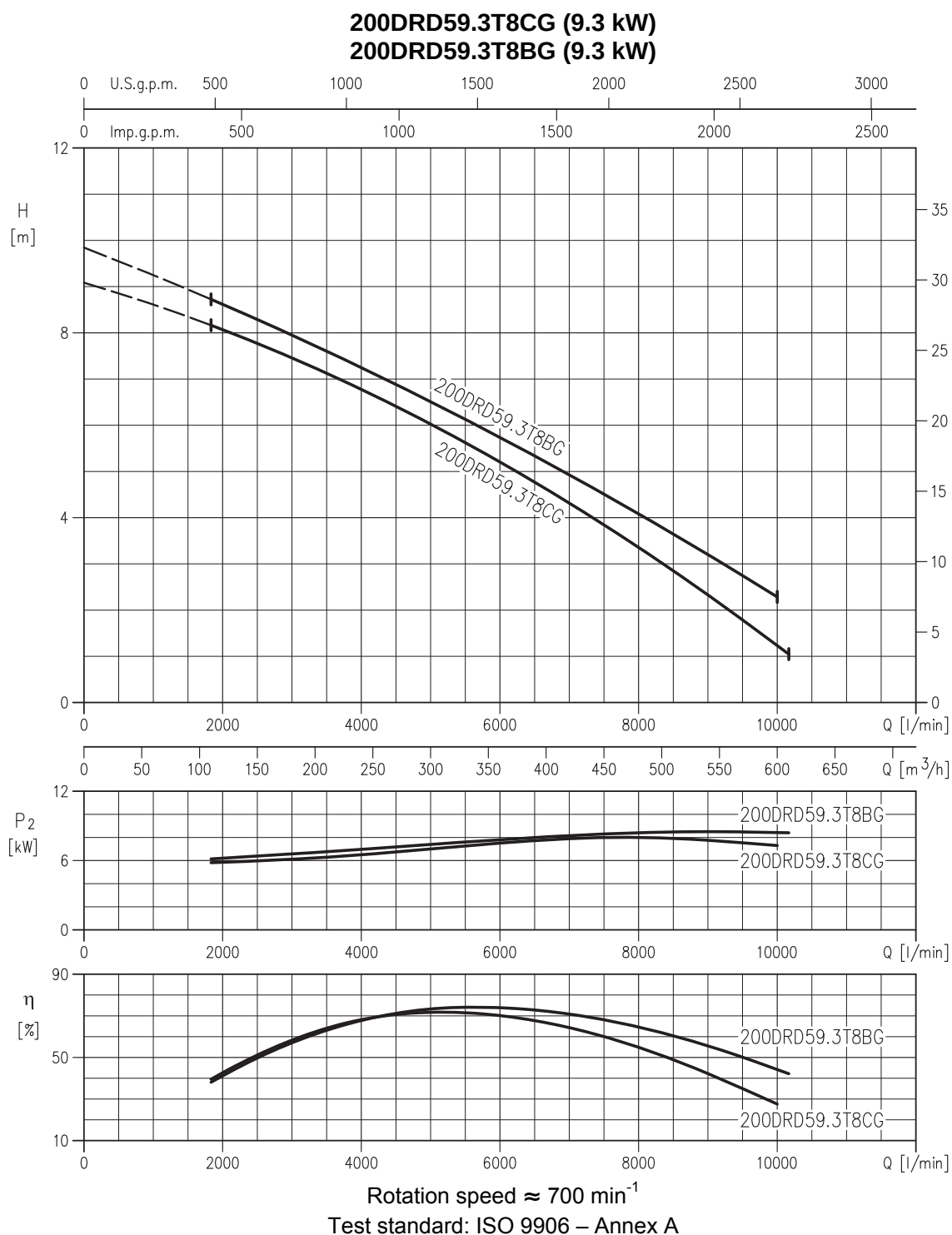
Rev. E

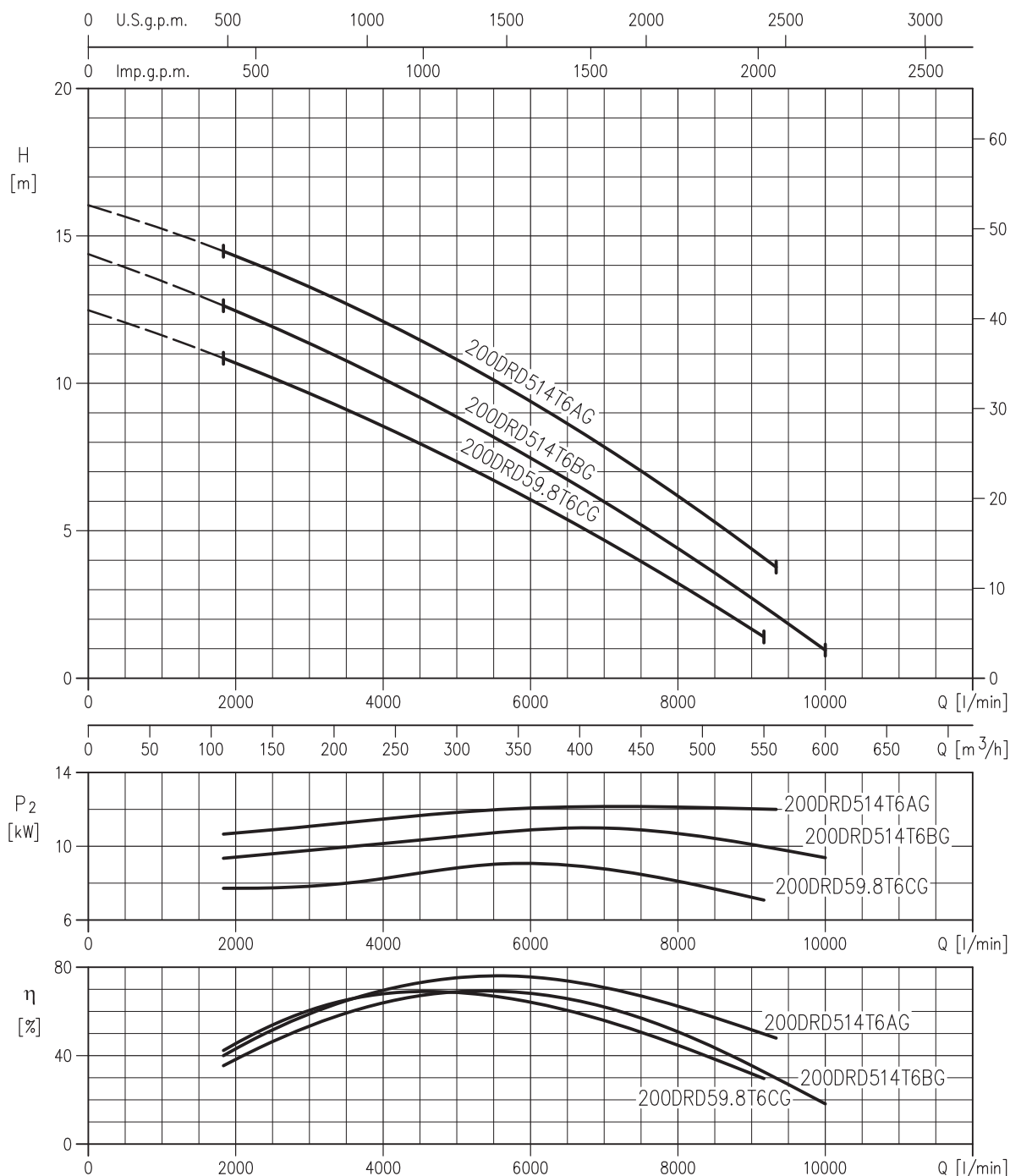
150DRD560T4GG (60 kW)**150DRD575T4CG (75 kW)****150DRD580T4BG (80 kW)****150DRD580T4AG (80 kW)**

Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

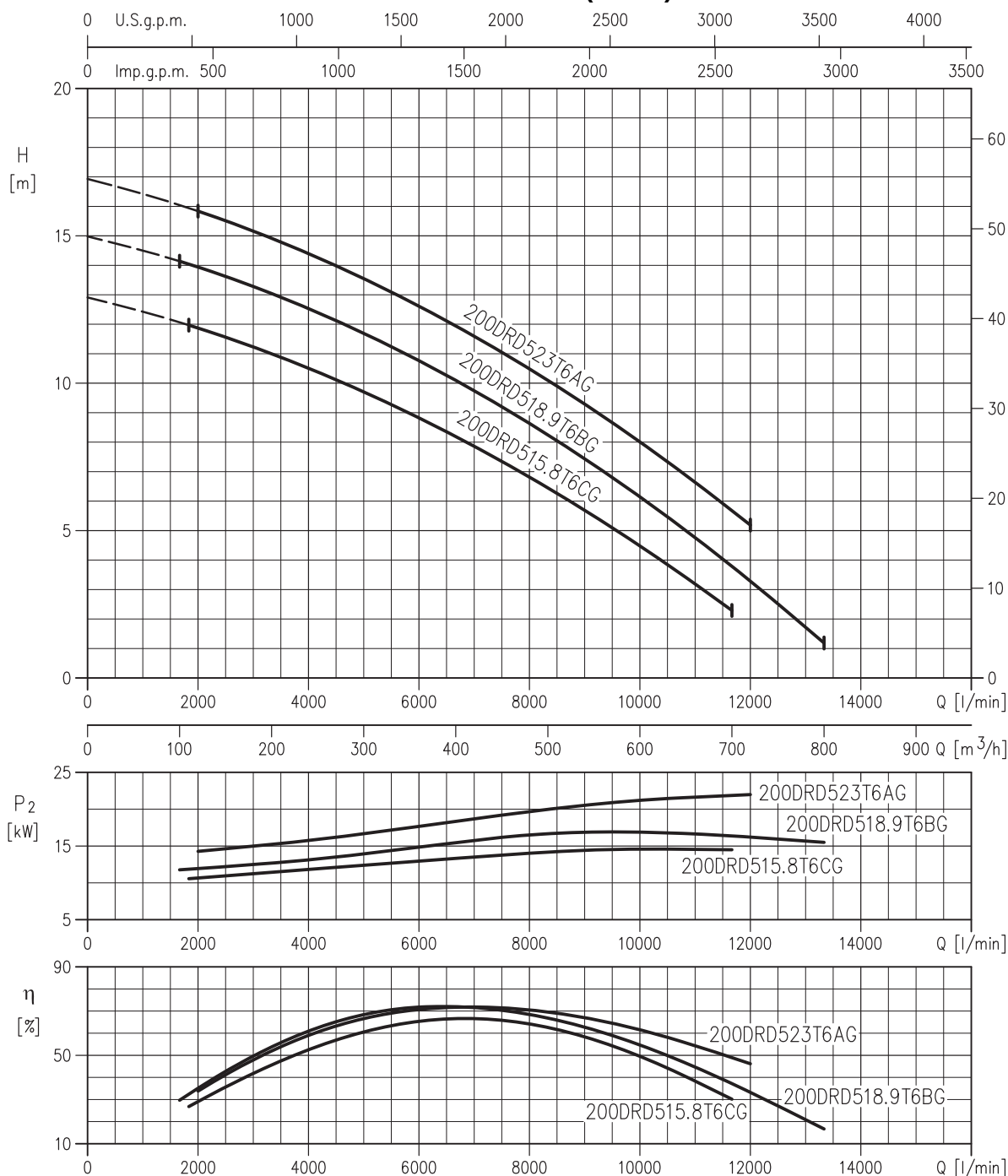
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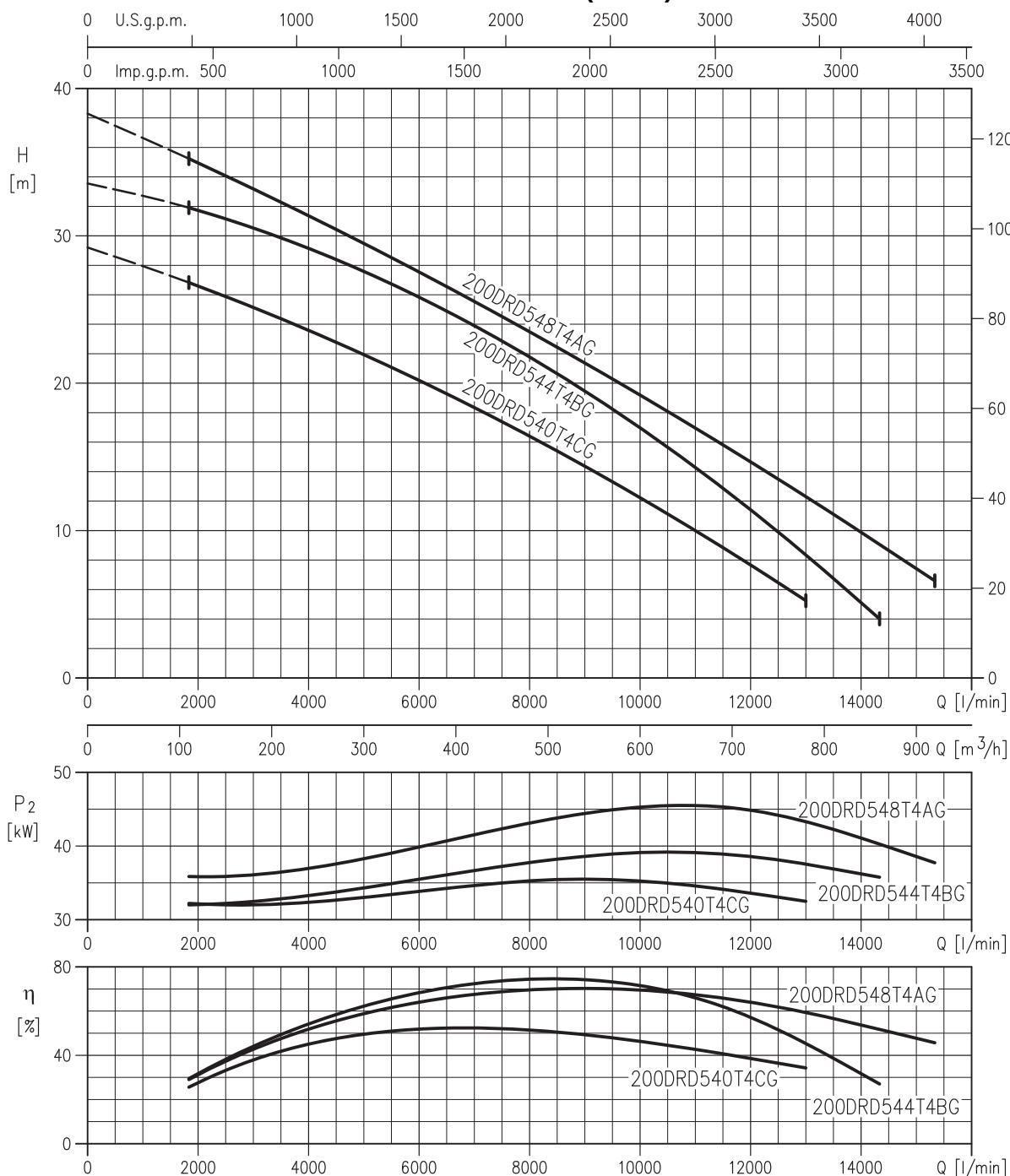


200DRD59.8T6CG (9.8 kW)**200DRD514T6BG (14 kW)****200DRD514T6AG (14 kW)**

Rotation speed $\approx 950 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

200DRD515.8T6CG (15.8 kW)**200DRD518.9T6BG (18.9 kW)****200DRD523T6AG (23 kW)**

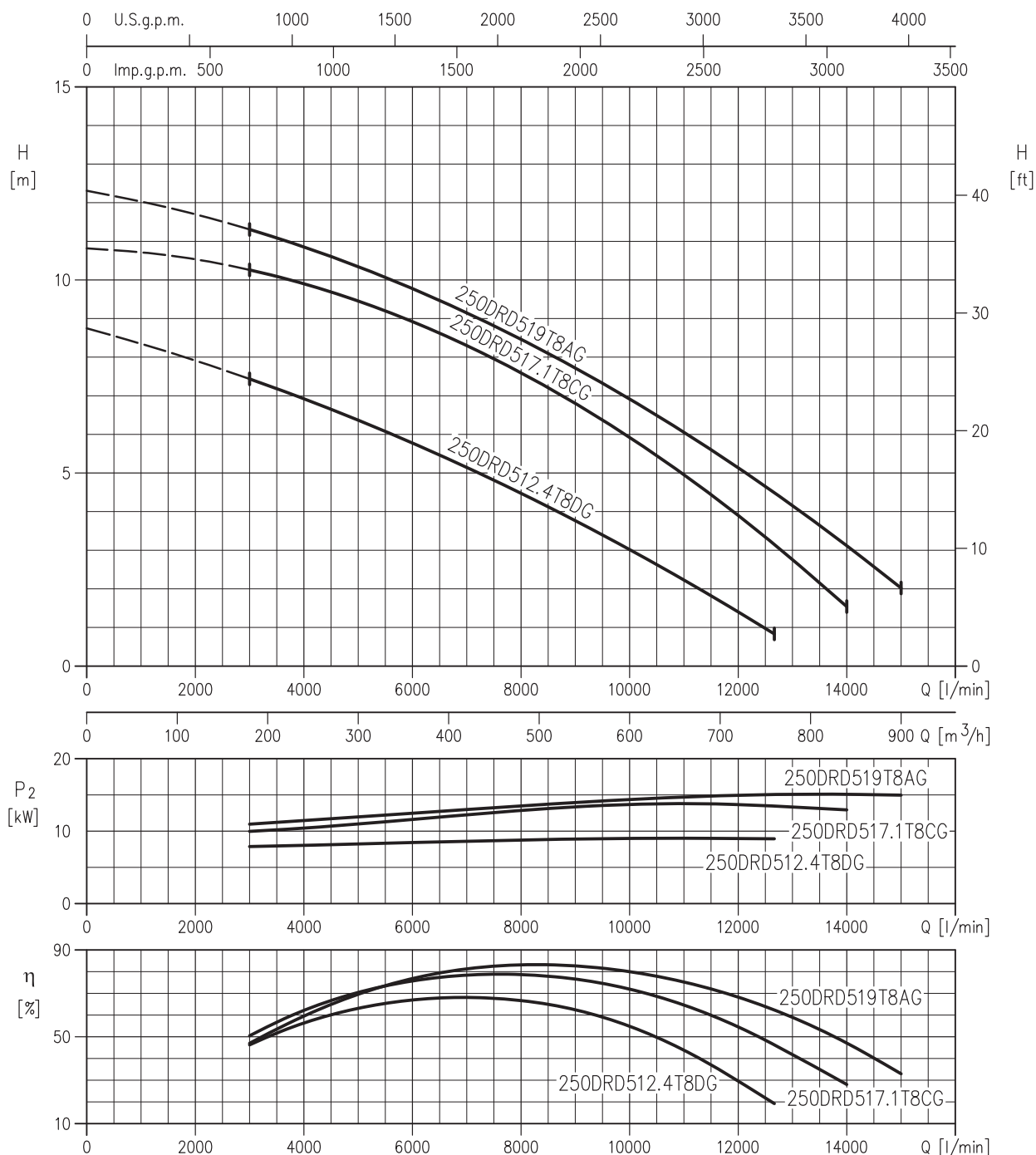
Rotation speed $\approx 950 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

200DRD540T4CG (40 kW)**200DRD544T4BG (44 kW)****200DRD548T4AG (48 kW)**

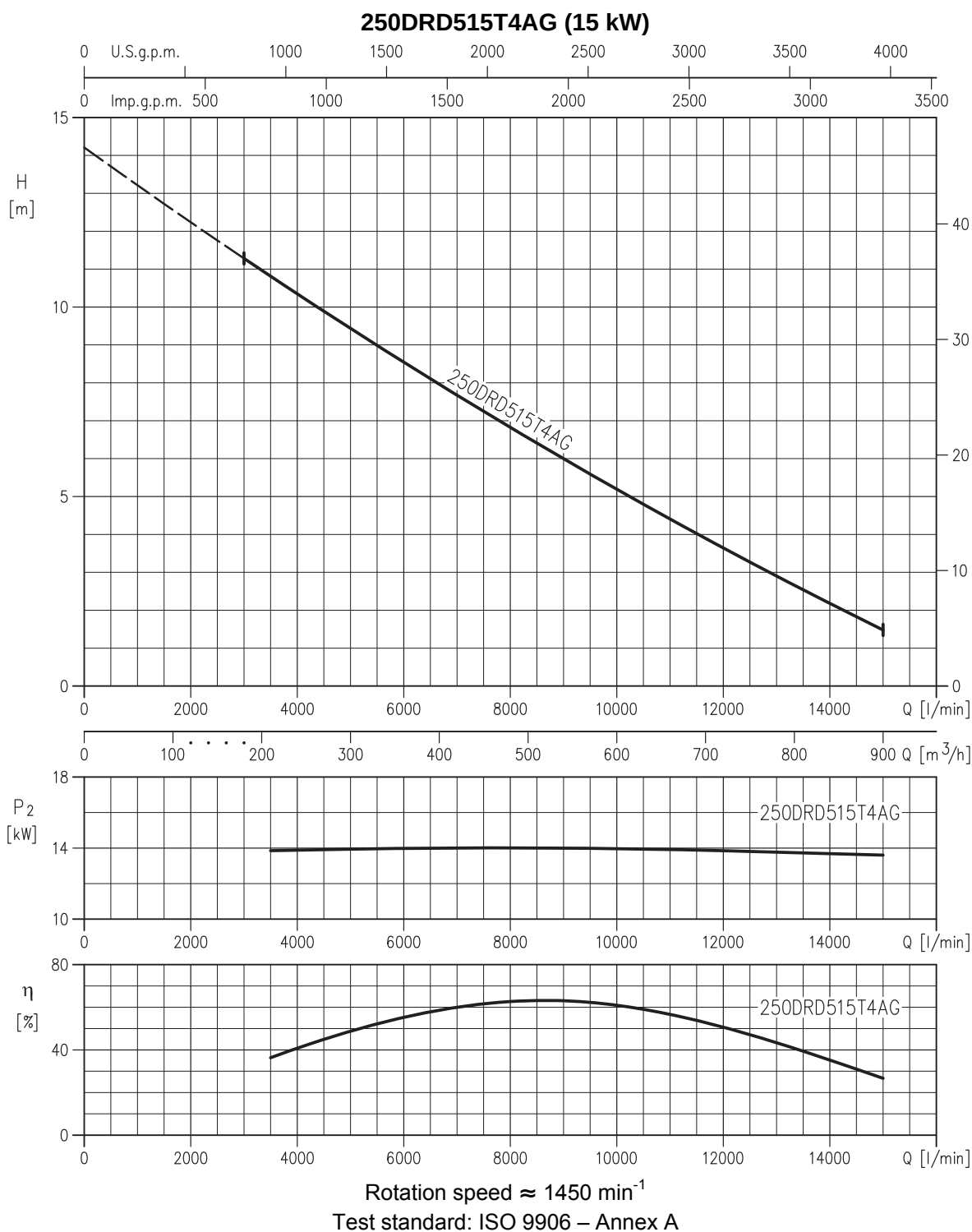
Rotation speed $\approx 1450 \text{ min}^{-1}$
Test standard: ISO 9906 – Annex A

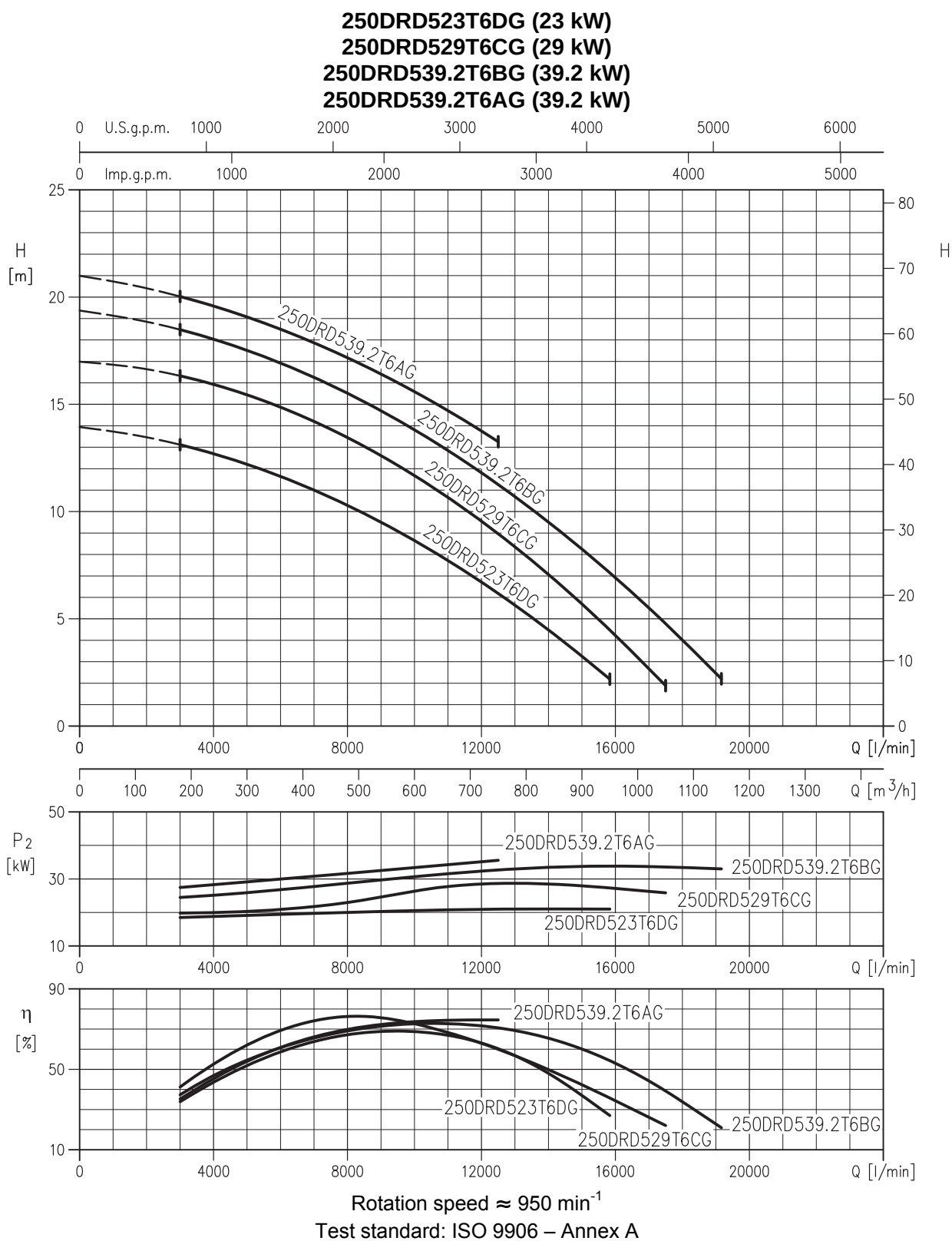
PERFORMANCE CURVE**50 Hz**

Rev. E

250DRD512.4T8DG (12.4 kW)**250DRD517.1T8CG (17.1 kW)****250DRD519T8AG (19 kW)**

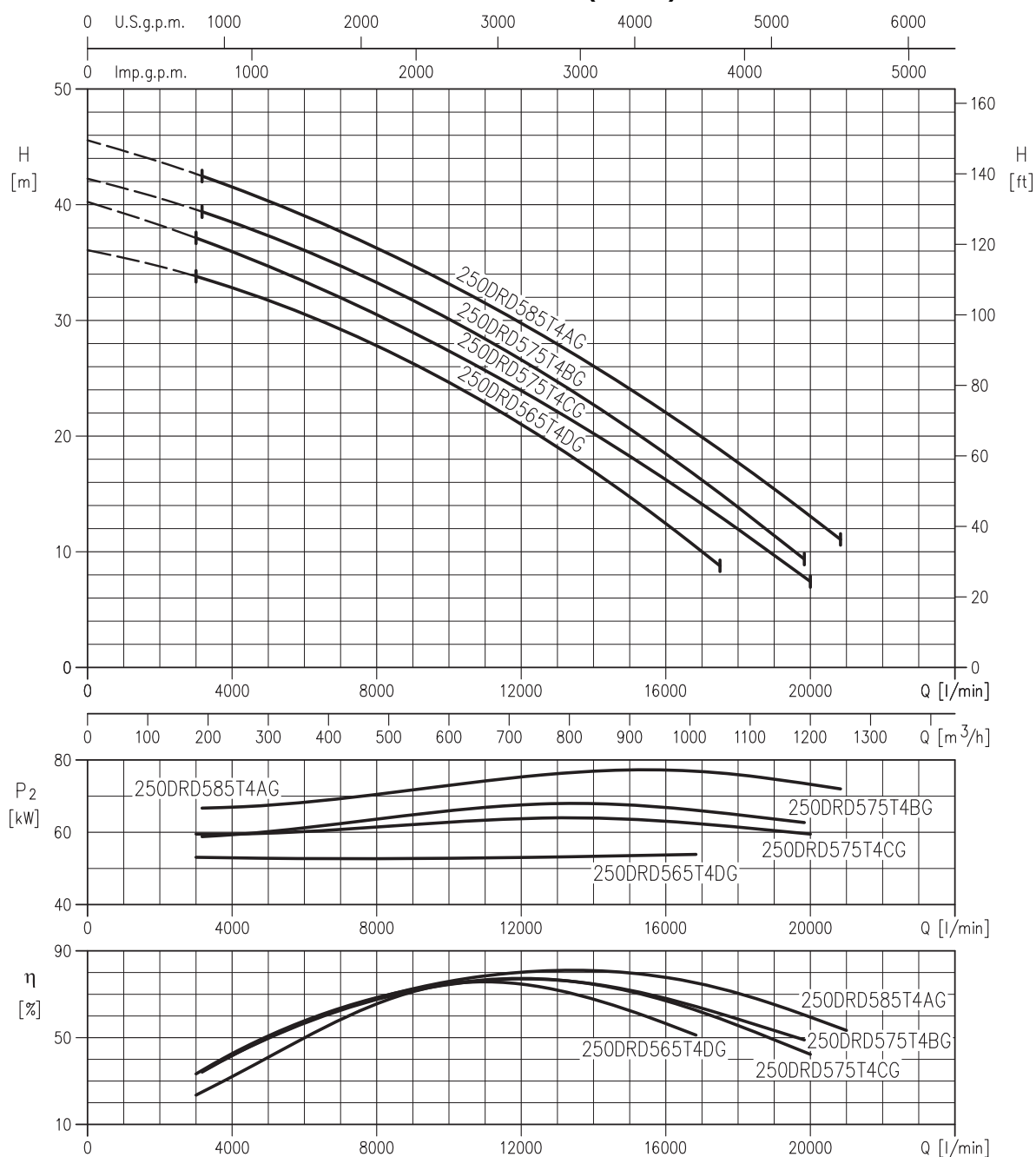
Rotation speed $\approx 700 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A





PERFORMANCE CURVE**50 Hz**

Rev. E

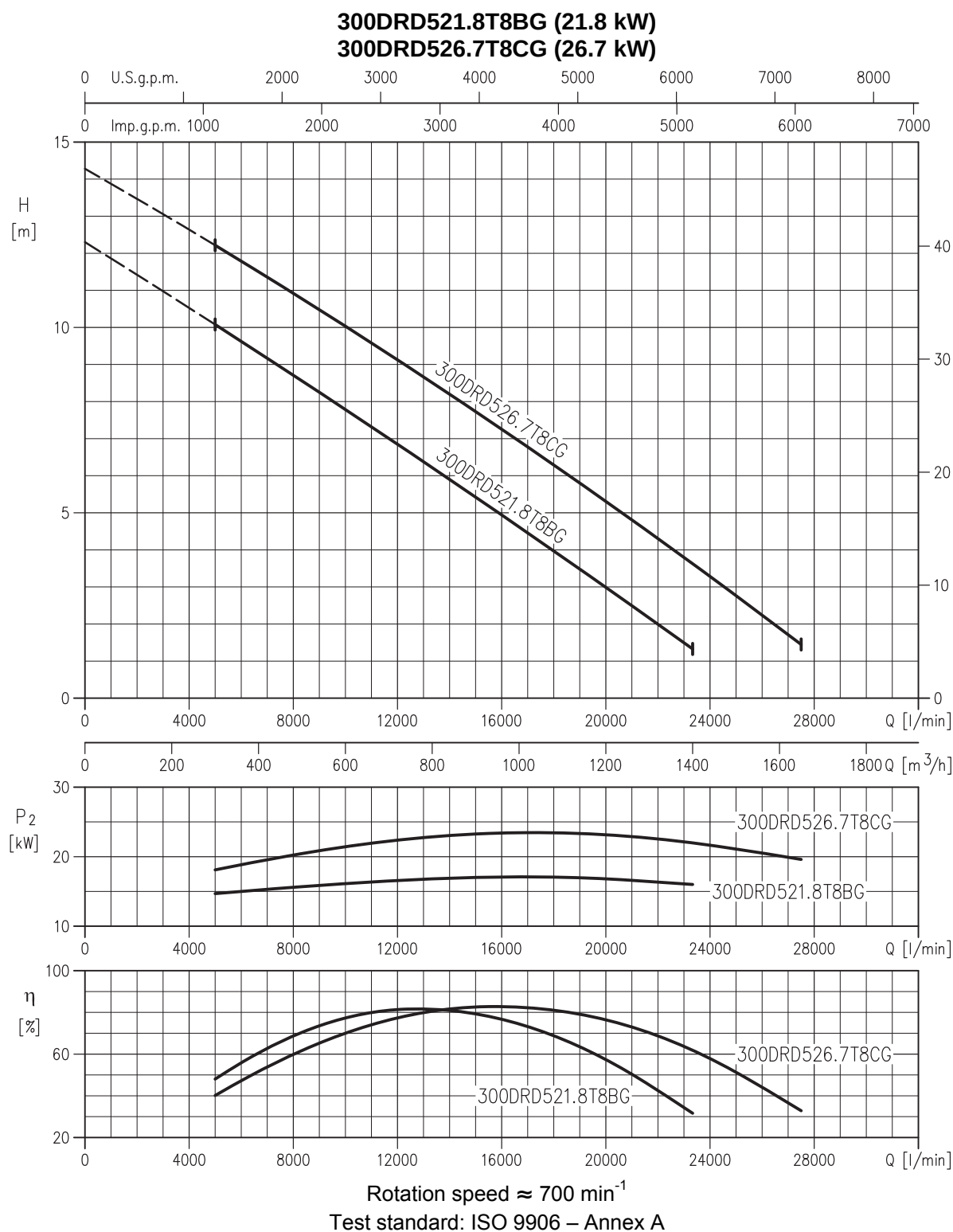
250DRD565T4DG (65 kW)**250DRD575T4CG (75 kW)****250DRD575T4BG (75 kW)****250DRD585T4AG (85 kW)**

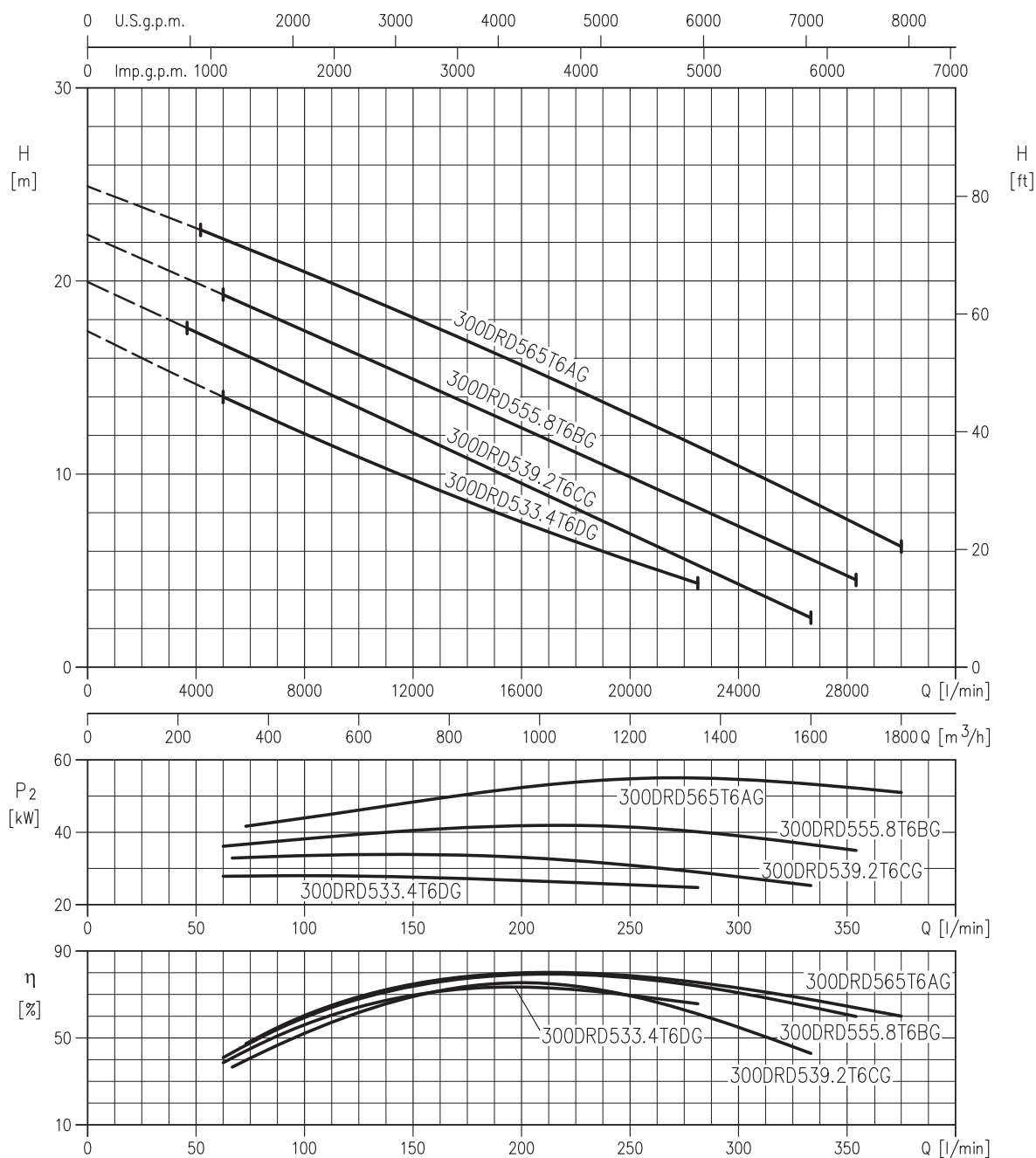
Rotation speed $\approx 1450 \text{ min}^{-1}$
 Test standard: ISO 9906 – Annex A

PERFORMANCE CURVE

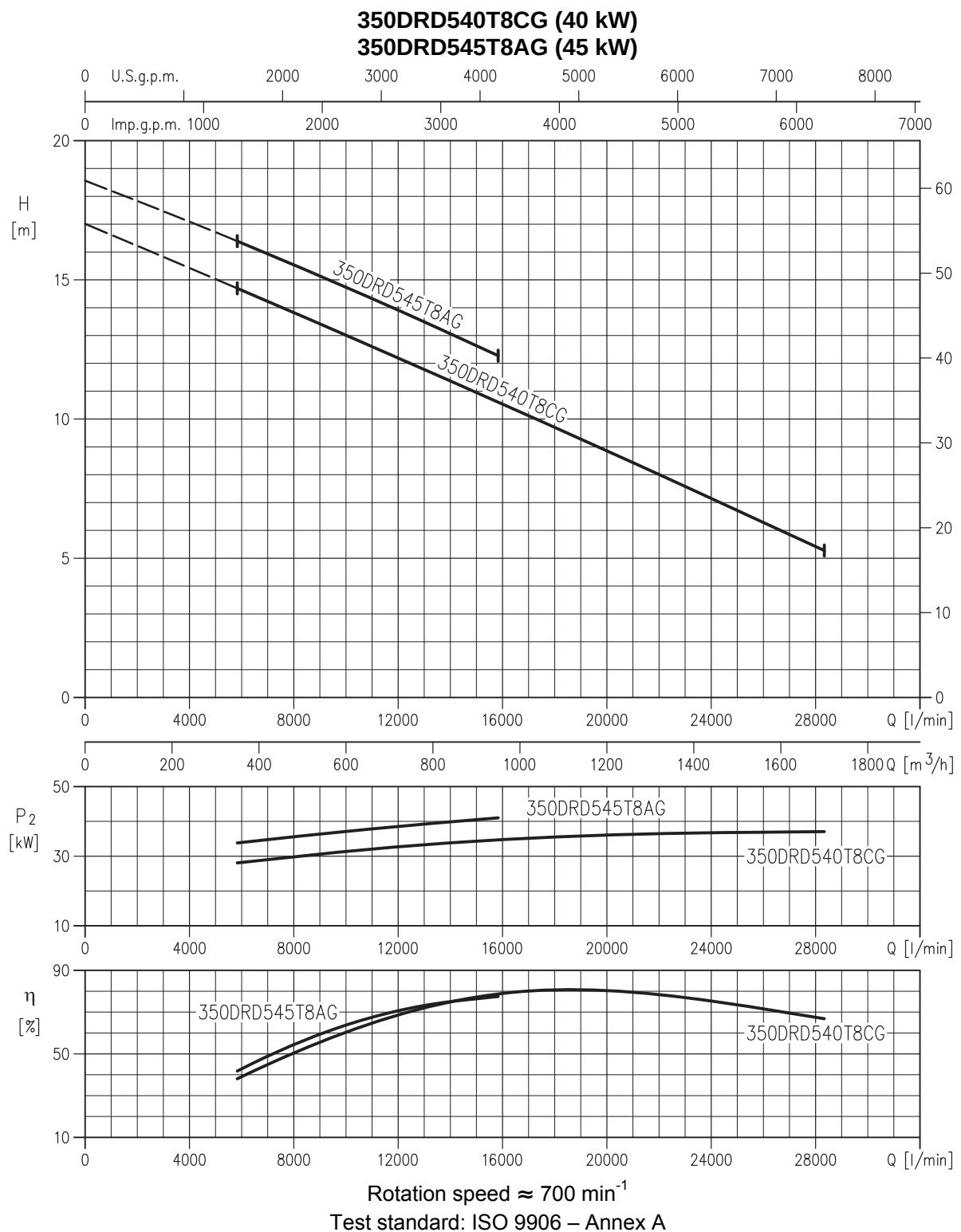
50 Hz

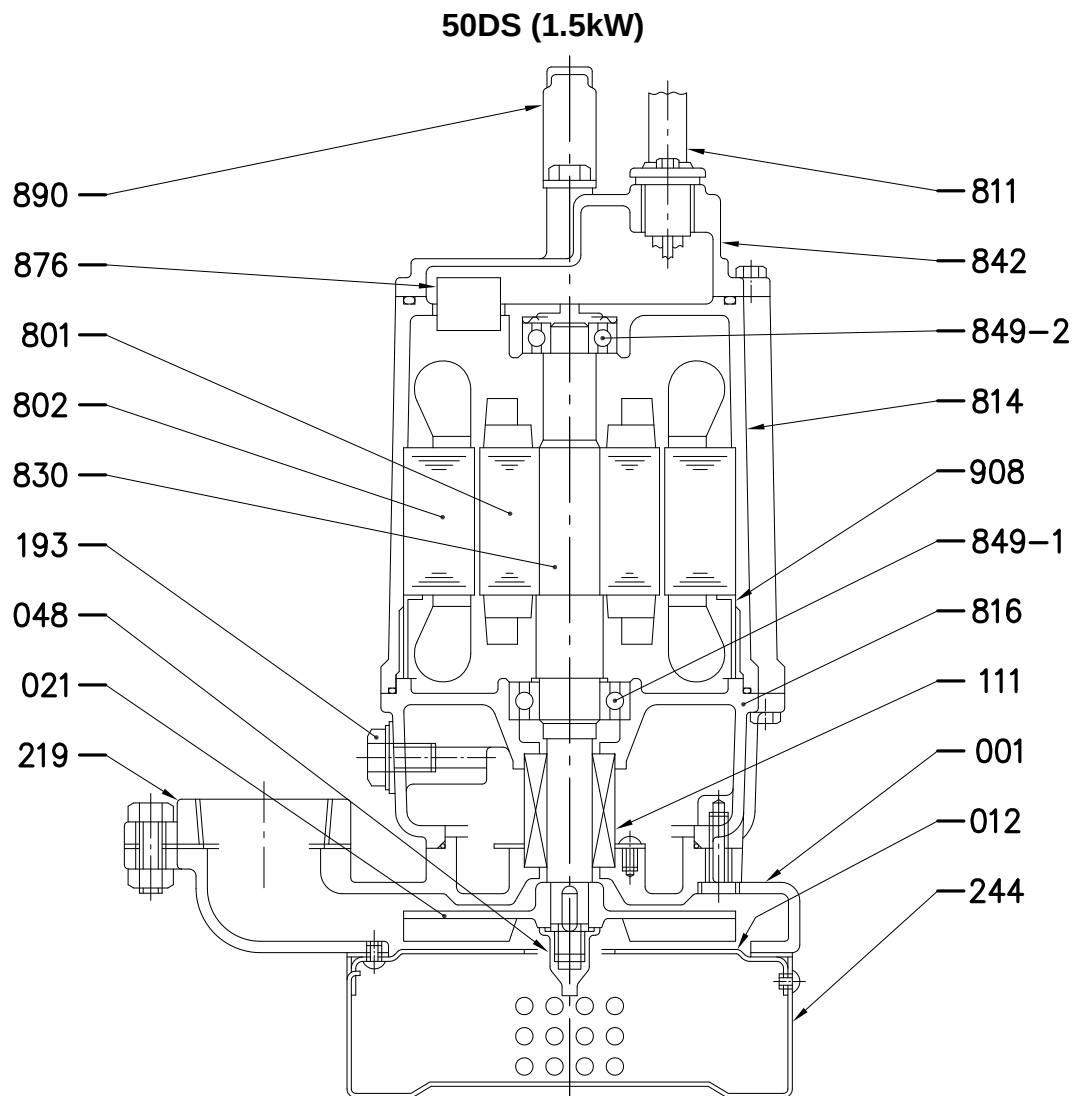
Rev. E



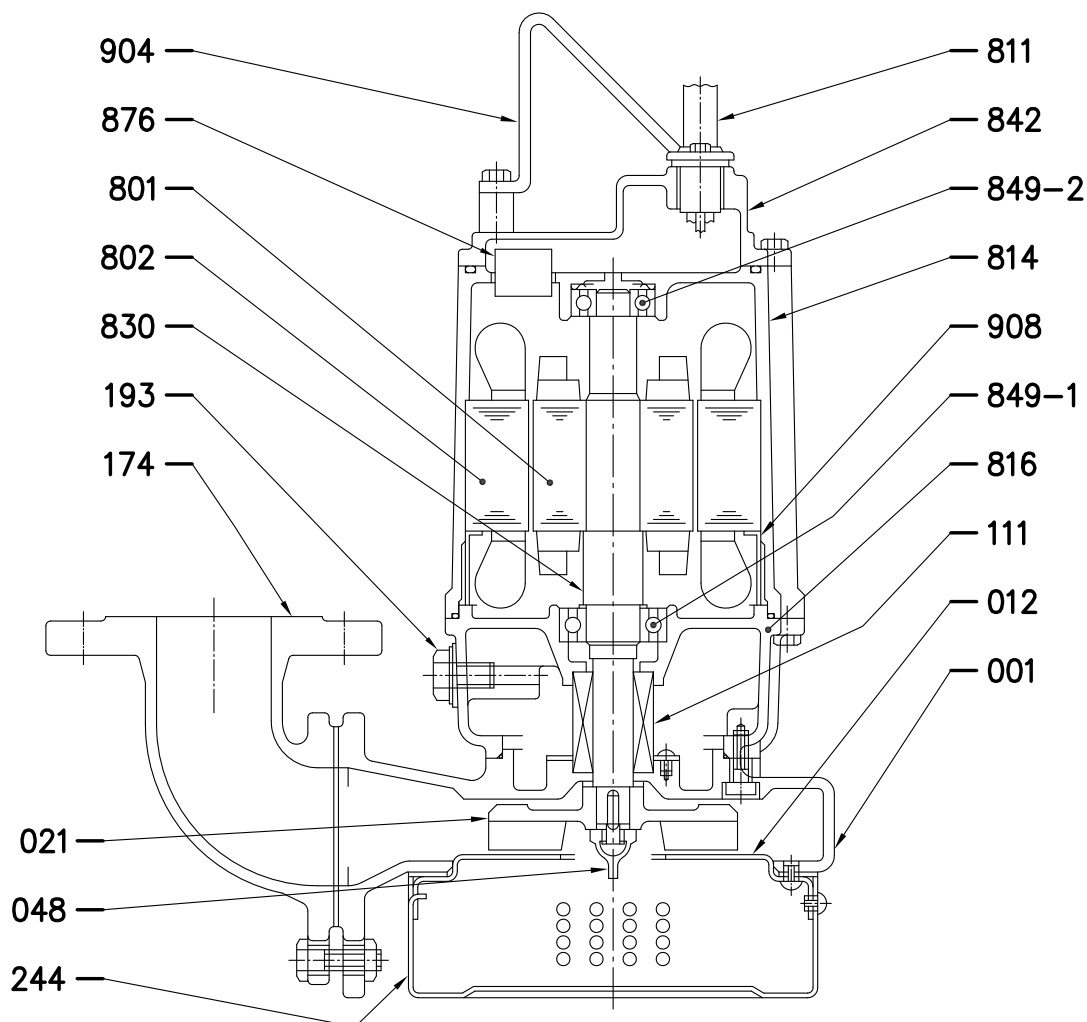
300DRD533.4T6DG (33.4 kW)**300DRD539.2T6CG (39.2 kW)****300DRD555.8T6BG (55.8 kW)****300DRD565T6AG (65 kW)**Rotation speed $\approx 950 \text{ min}^{-1}$

Test standard: ISO 9906 – Annex A



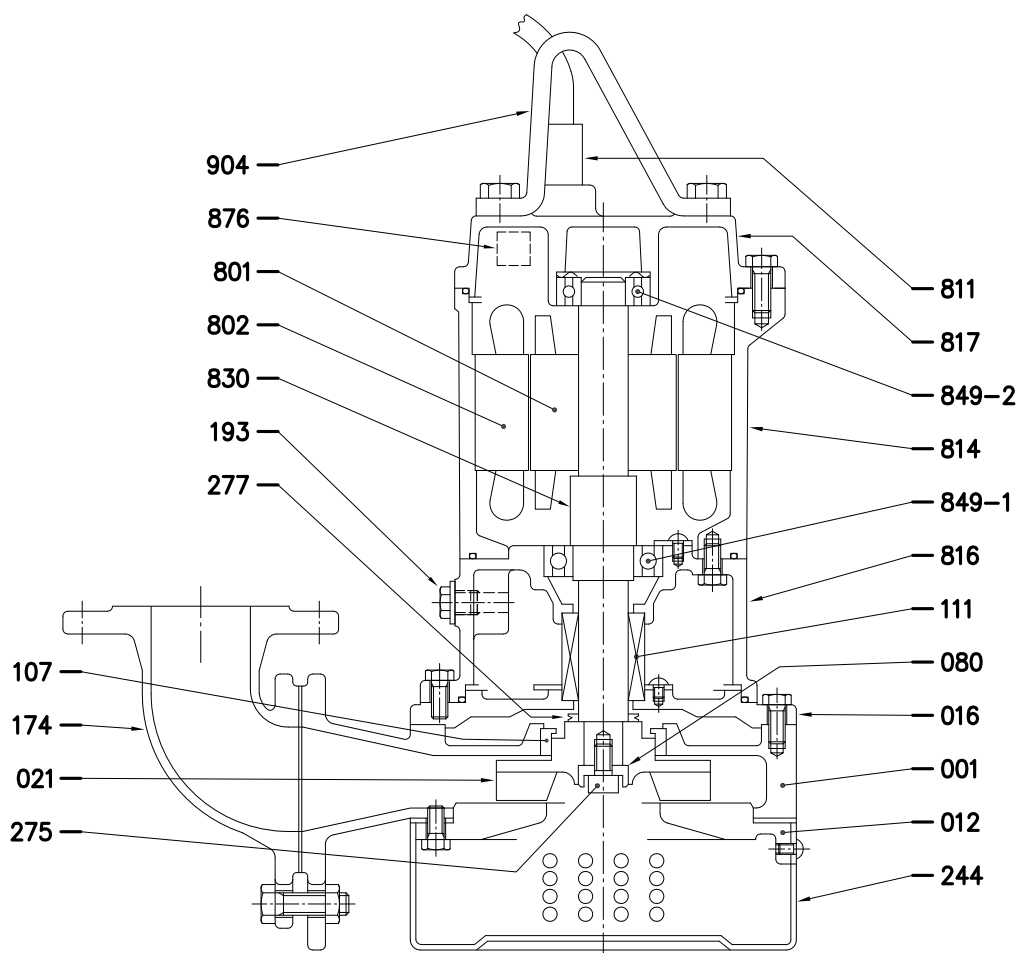


N°	PART. NAME	MATERIAL	Q.TY	N°	PART. NAME	MATERIAL	Q.TY
001	CASING	Cast iron EN-GHJL-200-EN 1561	1	811	SUBMERSIBLE CABLE	-	1
012	SUCTION COVER	EN 1.4301 (AISI304)	1	814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1	816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
048	IMPELLER NUT	Brass	1	830	SHAFT	EN 1.4006 (AISI403)	1
111	MECHANICAL SEAL	-	1	842	MOTOR COVER	Cast iron EN-GHJL-200-EN 1561	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1	849-1	BALL BEARING	-	1
219	COMPANION FLANGE	Cast iron EN-GHJL-200-EN 1561	1	849-2	BALL BEARING	-	1
244	STRAINER	EN 1.4301 (AISI304)	1	876	PROTECTOR	-	1
801	ROTOR	-	1	890	HANDLE	Stainless steel	1
802	STATOR	-	1	908	SPACER	Steel	1

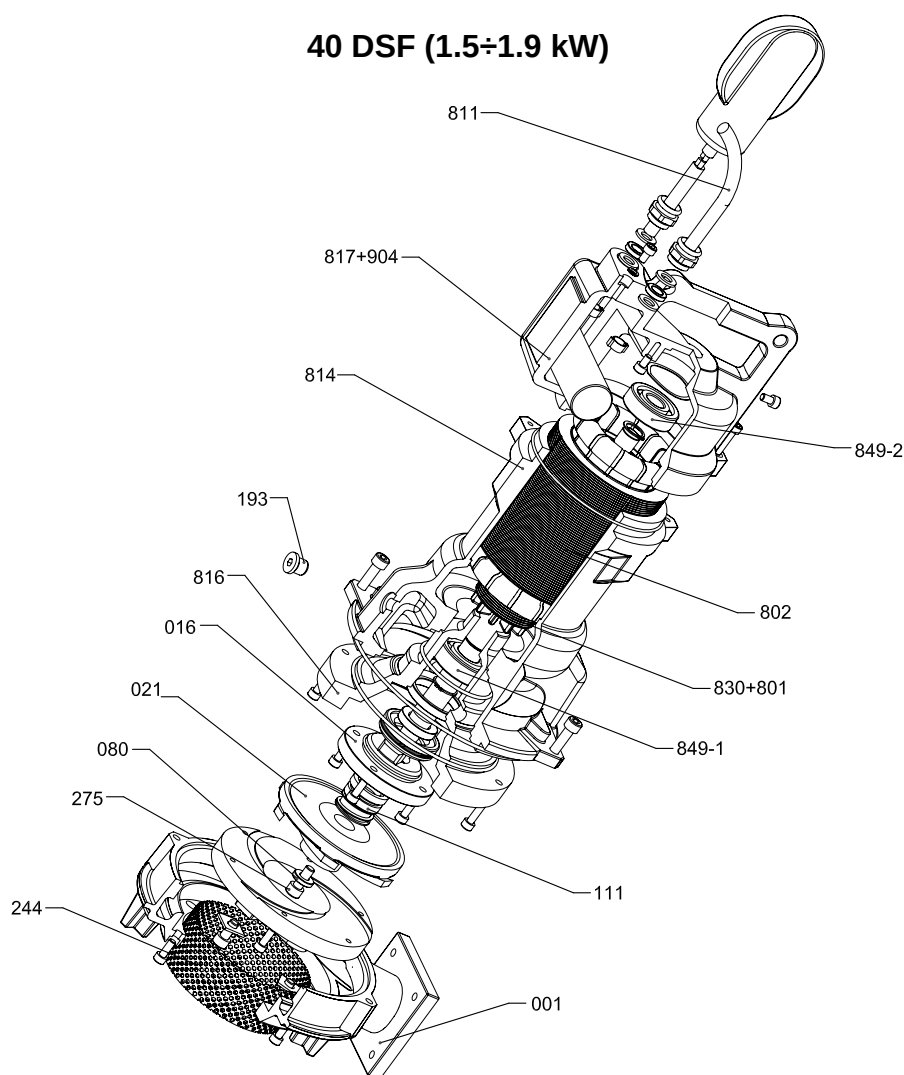
65DS (1.5kW)

N°	PART. NAME	MATERIAL	Q.TY	N°	PART. NAME	MATERIAL	Q.TY
001	CASING	Cast iron EN-GHJL-200-EN 1561	1	811	SUBMERSIBLE CABLE	-	1
012	SUCTION COVER	EN 1.4301 (AISI304)	1	814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1	816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
048	IMPELLER NUT	Brass	1	830	SHAFT	EN 1.4006 (AISI403)	1
111	MECHANICAL SEAL	-	1	842	MOTOR COVER	Cast iron EN-GHJL-200-EN 1561	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1	849-1	BALL BEARING	-	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1	849-2	BALL BEARING	-	1
244	STRAINER	EN 1.4301 (AISI304)	1	876	PROTECTOR	-	1
801	ROTOR	-	1	904	LIFTING HANGER	Stainless steel	1
802	STATOR	-	1	908	SPACER	Steel	1

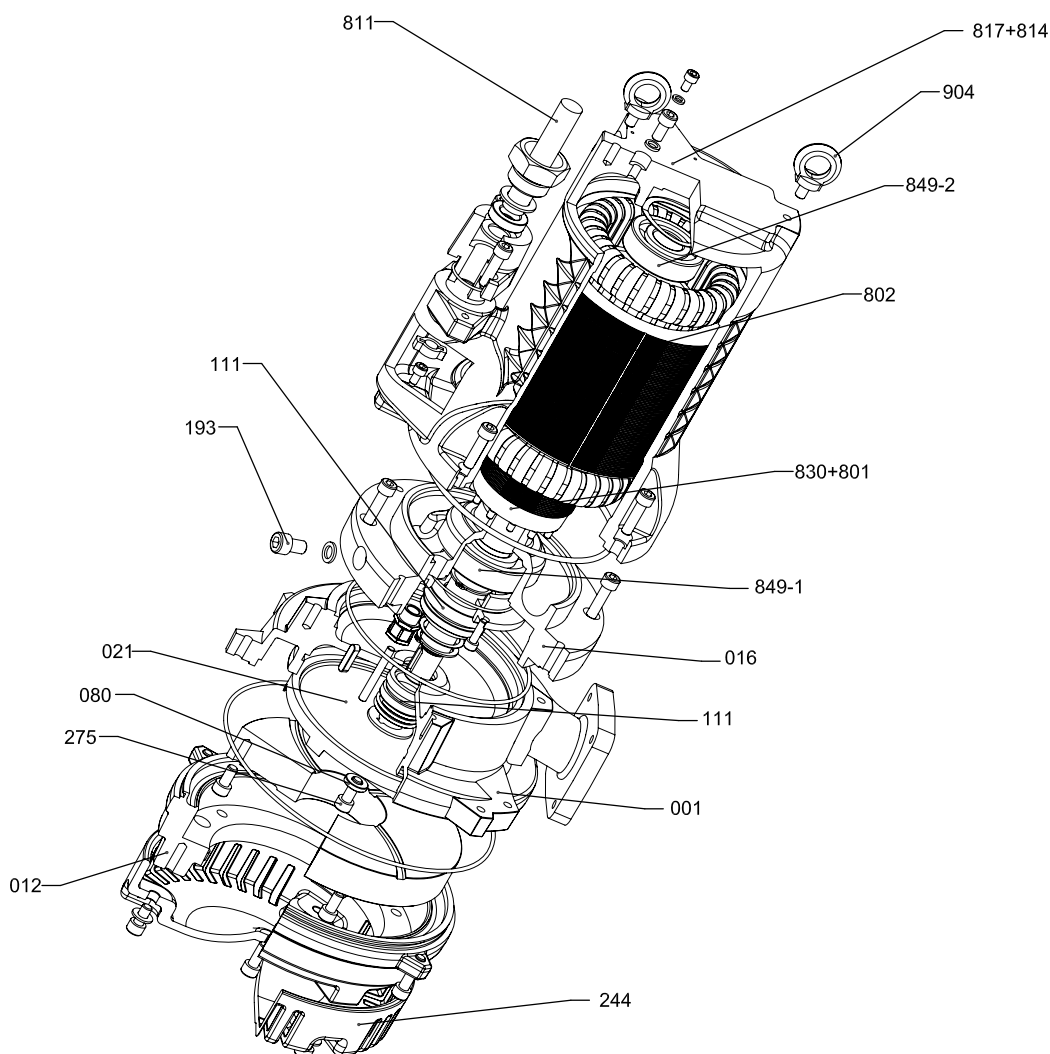
50(80)DS (2.2÷3.7 kW)
100DS (5.5÷7.5 kW)



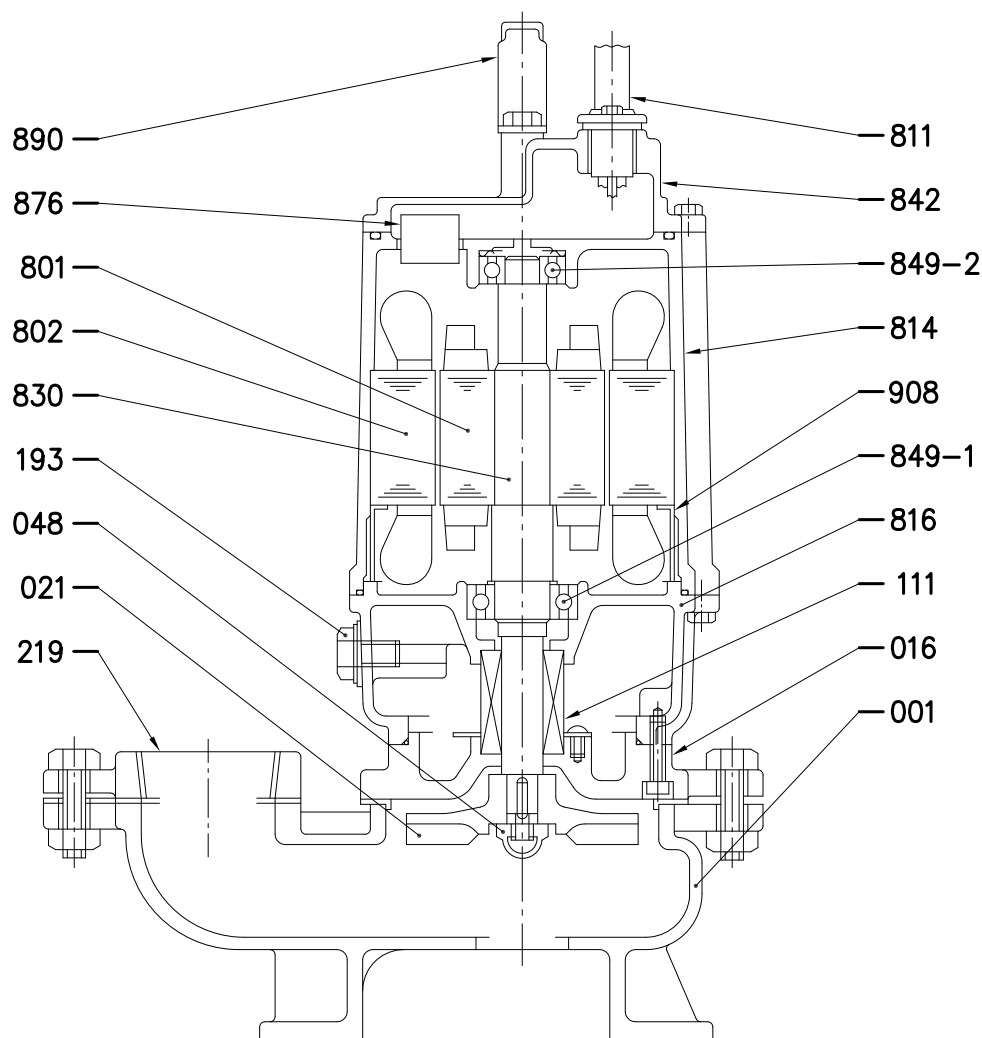
N°	PART. NAME	MATERIAL	Q.TY	N°	PART. NAME	MATERIAL	Q.TY
001	CASING	Cast iron EN-GHJL-200-EN 1561	1	801	ROTOR	-	1
012	SUCTION COVER	Cast iron EN-GHJL-200-EN 1561	1	802	STATOR	-	1
016	MECHANICAL SEAL COVER	Cast iron EN-GHJL-200-EN 1561	1	811	SUBMERSIBLE CABLE	-	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1	814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
080	BUSHING	EN 1.4301 (AISI304)	1	816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
107	CASING RING	Brass	1	817	MOTOR COVER	Cast iron EN-GHJL-200-EN 1561	1
111	MECHANICAL SEAL	-	1	830	SHAFT	EN 1.4006 (AISI403)	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1	849-1	BALL BEARING	-	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1	849-2	BALL BEARING	-	1
244	STRAINER	EN 1.4301 (AISI304)	1	876	PROTECTOR	-	1
275	IMPELLER BOLT	EN 1.4301 (AISI304)	1	904	LIFTING HANGER	Stainless steel	1
277	V-RING	-	1				



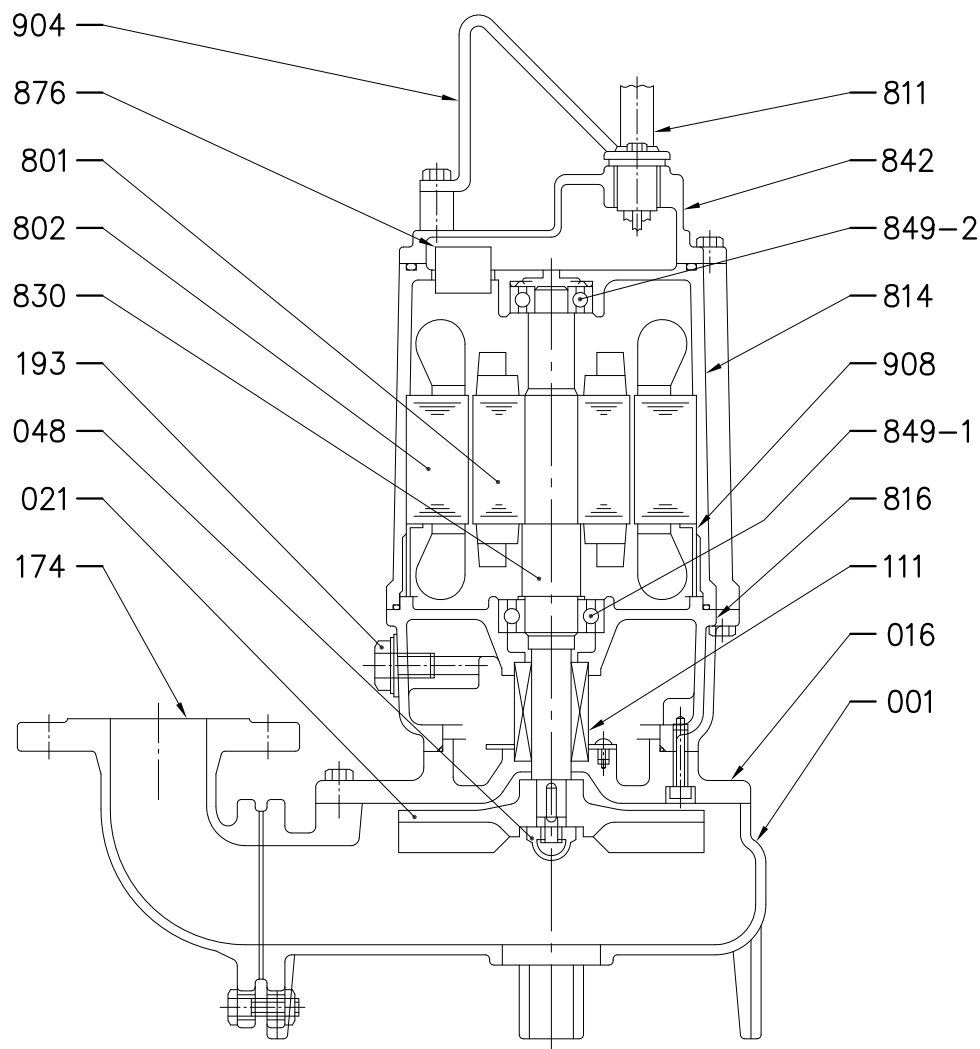
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1
080	BUSHING	STEEL	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
244	STRAINER	AISI 316L	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	GHISA EN-GJL-250	1
816	POWER SIDE BRACKET	GHISA EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	GHISA EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	CAST IRON EN-GJL-250	1

40 DSF (6.0 kW)

N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
012	SUCTION COVER	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1
080	BUSHING	STEEL	1
111	MECHANICAL SEAL	-	2
193	OIL PLUG	NBR / STAINLESS STEEL	1
244	STRAINER	AISI 316L	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	STEEL	2

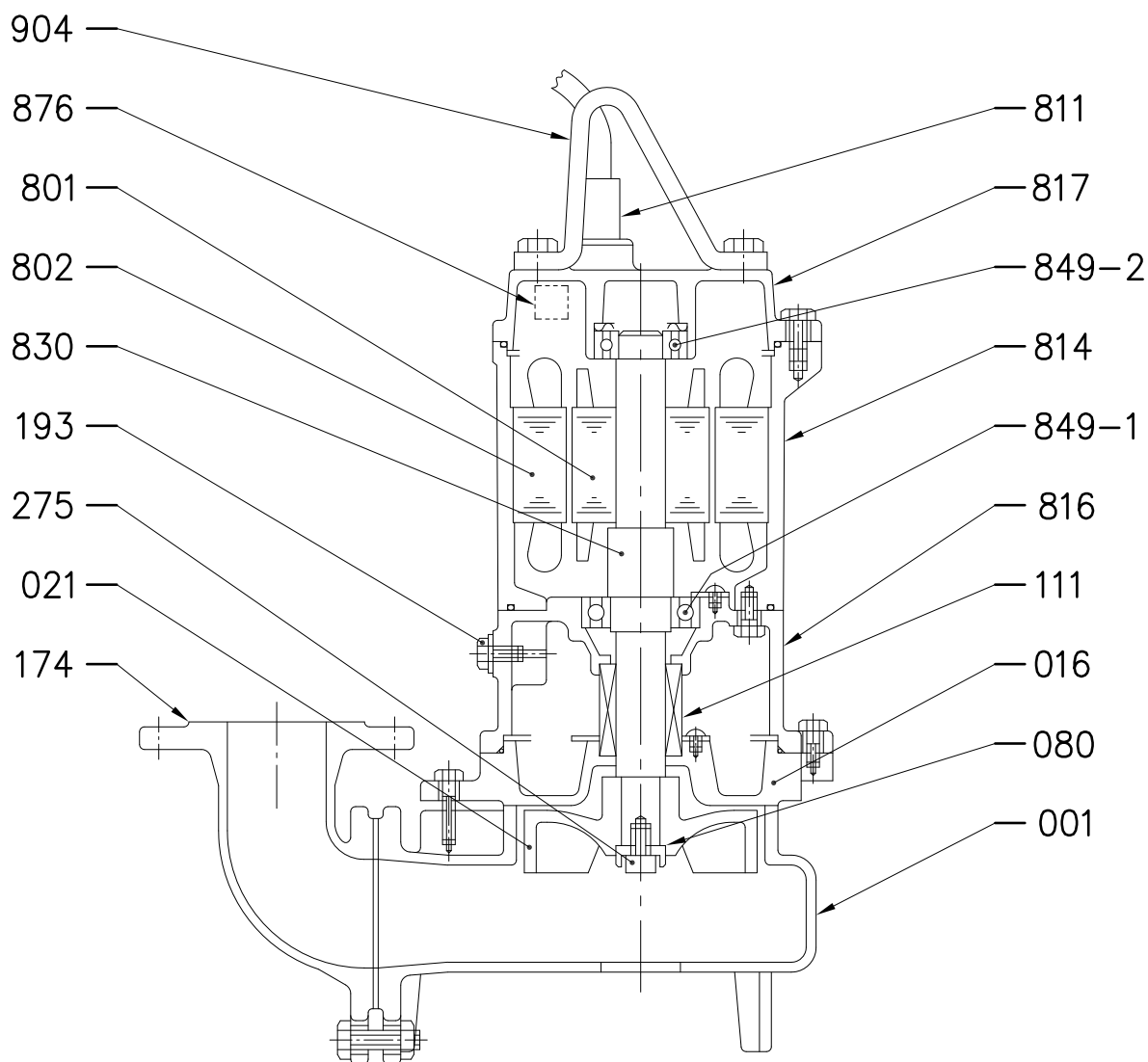
50DVS (1.5kW)

N°	PART. NAME	MATERIAL	Q.TY	N°	PART. NAME	MATERIAL	Q.TY
001	CASING	Cast iron EN-GHJL-200-EN 1561	1	814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
016	MECHANICAL SEAL COVER	Cast iron EN-GHJL-200-EN 1561	1	816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1	830	SHAFT	EN 1.4006 (AISI403)	1
048	IMPELLER NUT	Brass	1	842	MOTOR COVER	Cast iron EN-GHJL-200-EN 1561	1
111	MECHANICAL SEAL	-	1	849-1	BALL BEARING	-	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1	849-2	BALL BEARING	-	1
219	COMPANION FLANGE	Cast iron EN-GHJL-200-EN 1561	1	876	PROTECTOR	-	1
801	ROTOR	-	1	890	HANDLE	Stainless Steel	1
802	STATOR	-	1	908	SPACER	Steel	1
811	SUBMERSIBLE CABLE	-	1				

65(80)DVS (1.5kW)

POS.	PART. NAME	MATERIAL	N° FOR UNIT
001	CASING	Cast iron EN-GHJL-200-EN 1561	1
016	MECHANICAL SEAL COVER	Cast iron EN-GHJL-200-EN 1561	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1
048	IMPELLER NUT	EN 1.4301 (AISI304)	1
111	MECHANICAL SEAL	-	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1

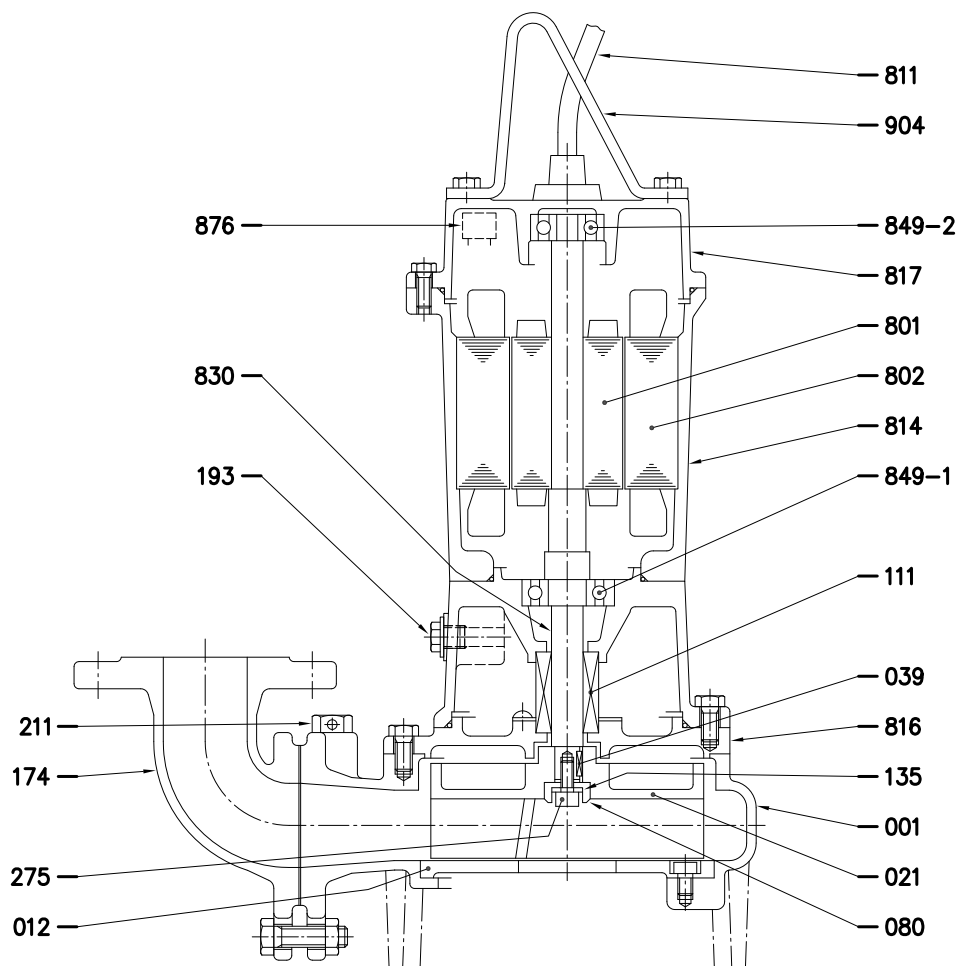
POS.	PART. NAME	MATERIAL	N° FOR UNIT
814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
830	SHAFT	EN 1.4006 (AISI403)	1
842	MOTOR COVER	Cast iron EN-GHJL-200-EN 1561	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
876	PROTECTOR	-	1
904	LIFTING HANGER	Stainless Steel	1
908	SPACER	Steel	

65(80)DVS (2.2÷3.7 kW)

POS.	PART. NAME	MATERIAL	N° FOR UNIT
001	CASING	Cast iron EN-GHJL-200-EN 1561	1
016	MECHANICAL SEAL COVER	Cast iron EN-GHJL-200-EN 1561	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1
080	BUSHING	EN 1.4301 (AISI304)	1
111	MECHANICAL SEAL	-	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1
275	IMPELLER BOLT	EN 1.4301 (AISI304)	1
801	ROTOR	-	1
802	STATOR	-	1

POS.	PART. NAME	MATERIAL	N° FOR UNIT
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
817	OPPOSITE SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
830	SHAFT	EN 1.4006 (AISI403)	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
876	PROTECTOR	-	1
904	LIFTING HANGER	Stainless Steel	1

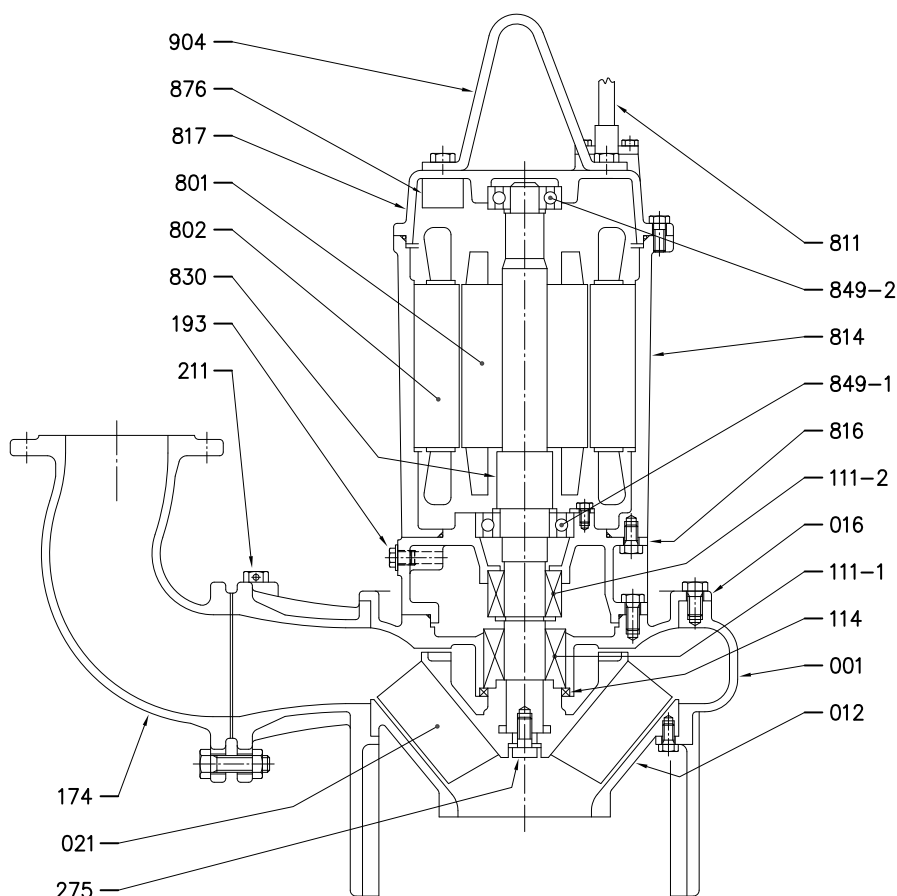
65DL, 65DL W/C (1.5 kW)
80DL, 80DL W/C (1.5÷3.7 kW)
100DL, 100DL W/C (3.7 kW)



POS.	PART. NAME	MATERIAL	N° FOR UNIT
001	CASING	Cast iron EN-GHJL-200-EN 1561	1
012	SUCTION COVER	Cast iron EN-GHJL-200-EN 1561	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1
039	KEY	EN 1.4028 (AISI420)	1
080	BUSHING	EN 1.4301 (AISI304)	1
111	MECHANICAL SEAL	-	1
135	SEAL WASHER	EN 1.4301 (AISI304)	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1
193	Oil Plug	NBR/EN 1.4301 (AISI304)	1
211	AIRVENT VALVE	-	1
275	IMPELLER BOLT	EN 1.4301 (AISI304)	1

POS.	PART. NAME	MATERIAL	N° FOR UNIT
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	Cast iron EN-GHJL-200-EN 1561	1
816	POWER SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
817	OPPOSITE SIDE BRACKET	Cast iron EN-GHJL-200-EN 1561	1
830	SHAFT	EN 1.4006 (AISI403)	1
876	PROTECTOR	-	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	Stainless Steel	1

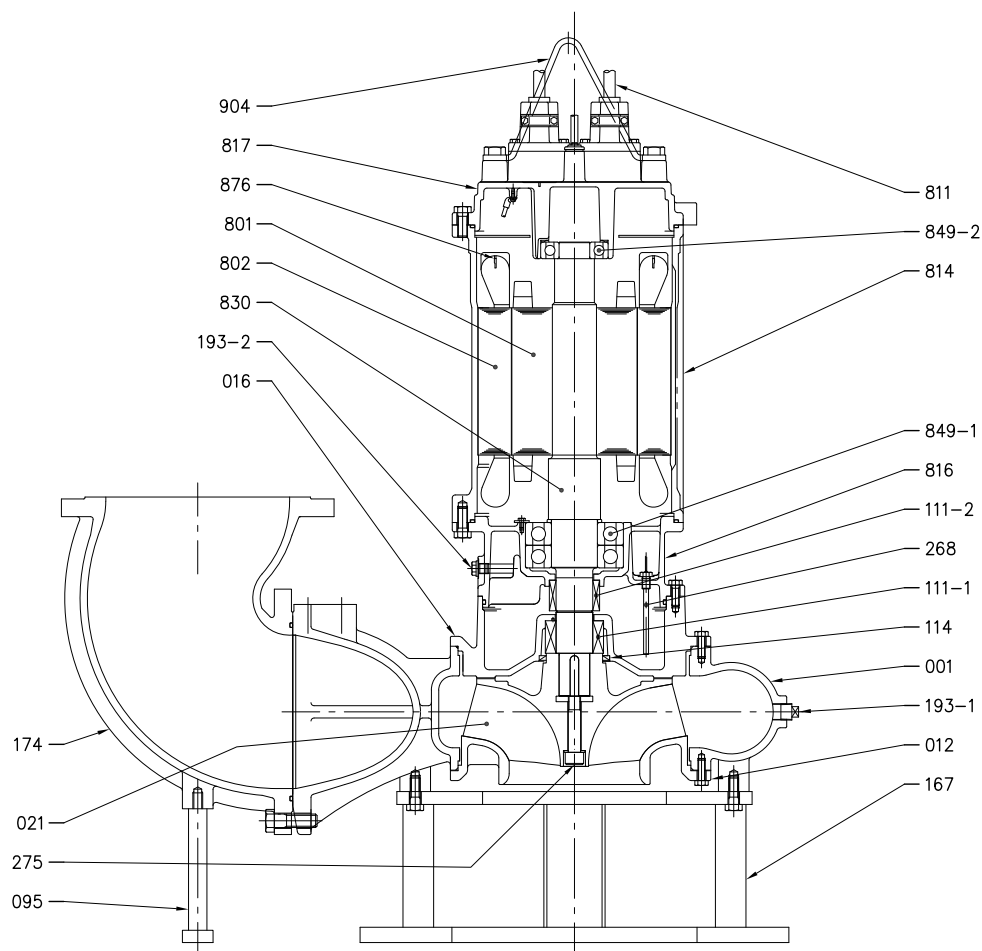
80DL (5.5÷7.5 kW)
100DL (5.5÷18.5 kW), 100DL W/C (5.5÷7.5 kW)
150DL (5.5÷22 kW), 200DL (5.5÷22 kW)
250DL (7.5÷22 kW), 300DL (11÷22 kW)



POS.	PART. NAME	MATERIAL	N° FOR UNIT	POS.	PART. NAME	MATERIAL	N° FOR UNIT
001	CASING	Cast iron EN-GHJL-200-EN 1561	1	801	ROTOR	-	1
012	SUCTION COVER	Cast iron EN-GHJL-200-EN 1561	1	802	STATOR	-	1
016	MECHANICAL SEAL COVER	Cast iron EN-GHJL-200-EN 1561	1	811	SUBMERSIBLE CABLE	-	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1	814	MOTOR FRAME	Cast iron EN-GHJL-150-EN 1561	1
111-1	MECHANICAL SEAL	-	1	816	POWER SIDE BRACKET	Cast iron EN-GHJL-150-EN 1561	1
111-2	MECHANICAL SEAL	-	1	817	OPPOSITE SIDE BRACKET	Cast iron EN-GHJL-150-EN 1561	1
114	OIL SEAL	NBR	1	830	SHAFT	EN 1.4006 (AISI403)	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1	849-1	BALL BEARING	-	1
193	OIL PLUG	NBR/EN 1.4301 (AISI304)	1	849-2	BALL BEARING	-	1
211	AIRVENT VALVE [1]	-	1	876	PROTECTOR	-	1
275	IMPELLER BOLT	EN 1.4301 (AISI304)	1	904	LIFTING HANGER	Stainless Steel	1

[1] Not for 250DL and 300DL

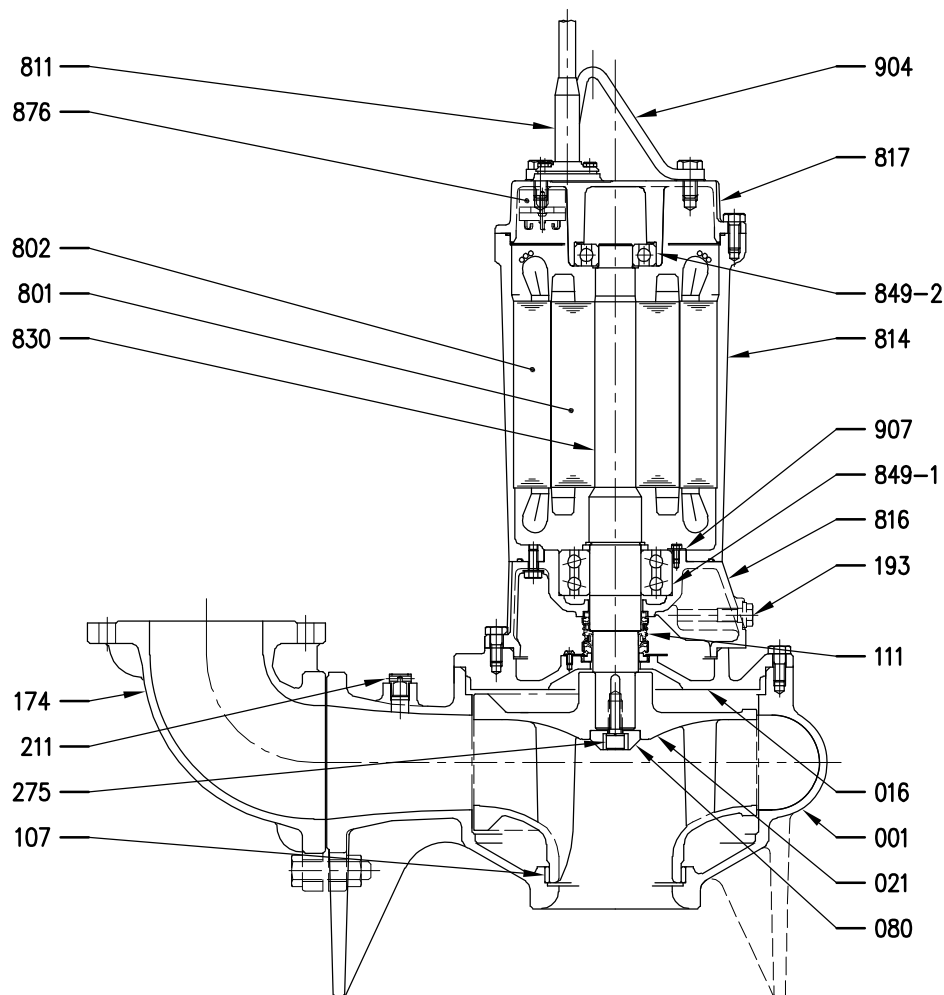
**150DL (30÷45 kW), 200DL (30÷45 kW)
250DL (30÷45 kW), 300 DL(30÷45 kW)**



POS.	PART. NAME	MATERIAL	N° FOR UNIT	POS.	PART. NAME	MATERIAL	N° FOR UNIT
001	CASING	Cast iron EN-GHJL-200-EN 1561	1	275	IMPELLER BOLT	EN 1.4301 (AISI304)	1
012	SUCTION COVER	Cast iron EN-GHJL-200-EN 1561	1	801	ROTOR	-	1
016	MECHANICAL SEAL COVER	Cast iron EN-GHJL-200-EN 1561	1	802	STATOR	-	1
021	IMPELLER	Cast iron EN-GHJL-200-EN 1561	1	811	SUBMERSIBLE CABLE	-	1
095	STAY [1]	EN 1.4301 (AISI304)		814	MOTOR FRAME	Cast iron EN-GHJL-150-EN 1561	1
111-1	MECHANICAL SEAL	-	1	816	POWER SIDE BRACKET	Cast iron EN-GHJL-150-EN 1561	1
111-2	MECHANICAL SEAL	-	1	817	OPPOSITE SIDE BRACKET	Cast iron EN-GHJL-150-EN 1561	1
114	OIL SEAL	NBR	1	830	SHAFT	EN 1.4006 (AISI403)	1
174	DISCHARGE BEND	Cast iron EN-GHJL-200-EN 1561	1	849-1	BALL BEARING	-	1
193-2	OIL PLUG + GASKET	NBR/EN 1.4301 (AISI304)	1	849-2	BALL BEARING	-	1
193-2	PLUG	EN 1.4301 (AISI304)	1	876	PROTECTOR	-	1
211	AIRVENT VALVE [2]	-	1	904	LIFTING HANGER	Stainless Steel	1

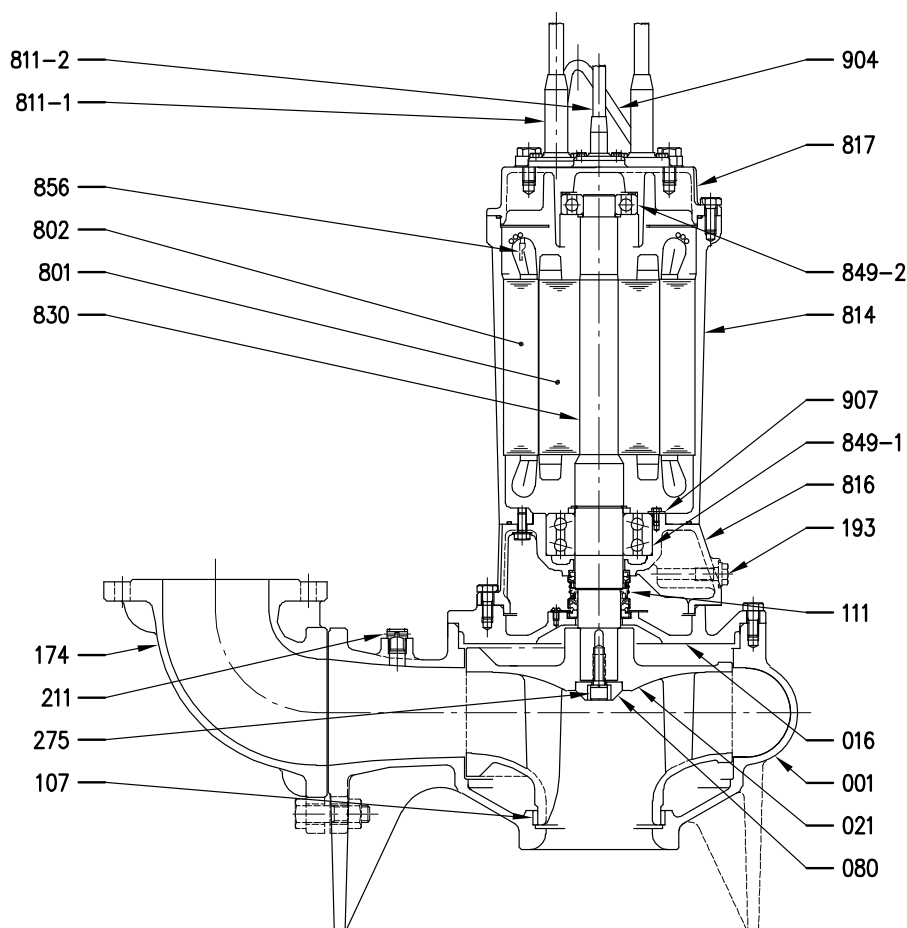
[1] Not for 150DL and 200DL

[2] Not for 250DL and 300DL

80DML (2.2 kW)

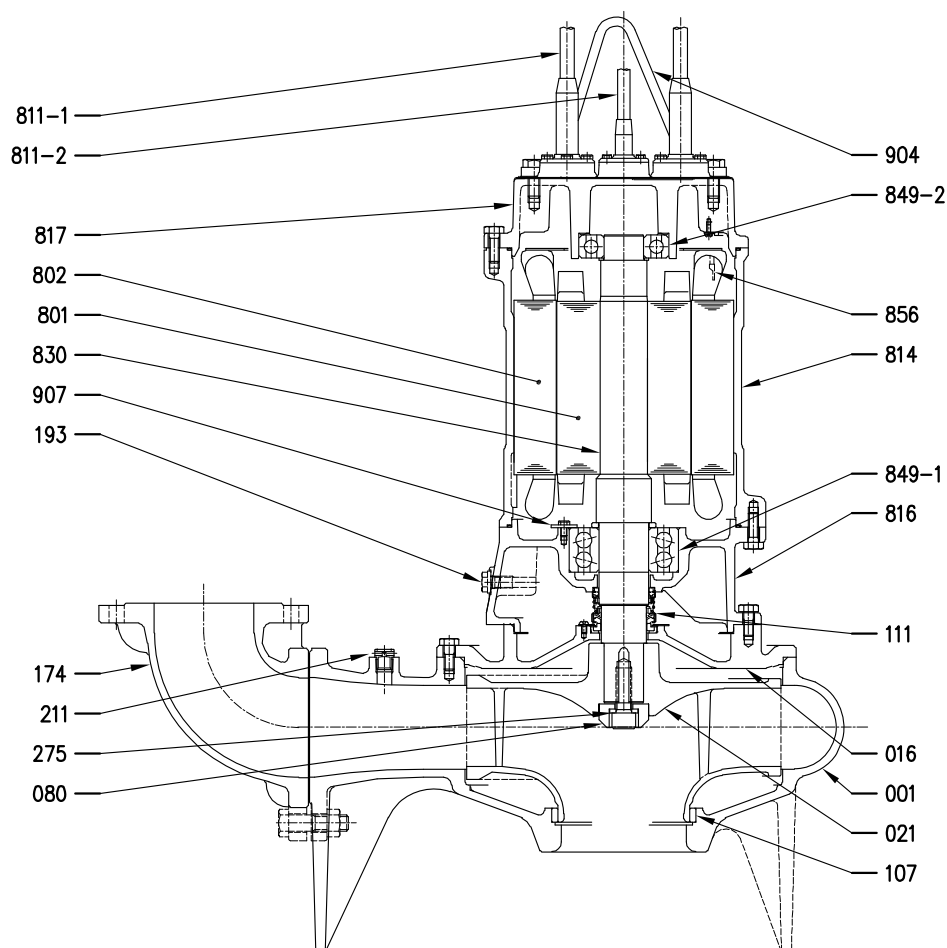
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
001	Pump Casing	Cast iron EN-GHJL-200 - EN 1561	1	802	Stator	-	1
016	Mechanical Seal Cover	Cast iron EN-GHJL-200 - EN 1561	1	811	Submersible Cable	-	2
021	Impeller	Cast iron EN-GHJL-200 - EN 1561	1	814	Motor Frame	Cast iron EN-GHJL-200 - EN 1561	1
080	Bushing	Steel	1	816	Power Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
107	Wearing ring	Bronze	1	817	Opposite Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
111	Mechanical seal	-	1	830	Shaft	EN 1.4006 (AISI403)	1
174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1	849-1	Ball Bearing	-	1
193	Oil Plug	NBR/Stainless Steel	1 set	849-2	Ball Bearing	-	1
211	Airvent Valve	Brass	1	876	Auto Cut	-	3
275	Impeller Bolt	Stainless steel A2-70 class ISO 3506/1	1	904	Lifting Hanger	Steel	1
801	Rotor	-	1	907	Bearing Cover	Steel	1

80DML (3.7 kW)
100DML (3.7÷7.5 kW)
150DML (5.5÷7.5 kW)

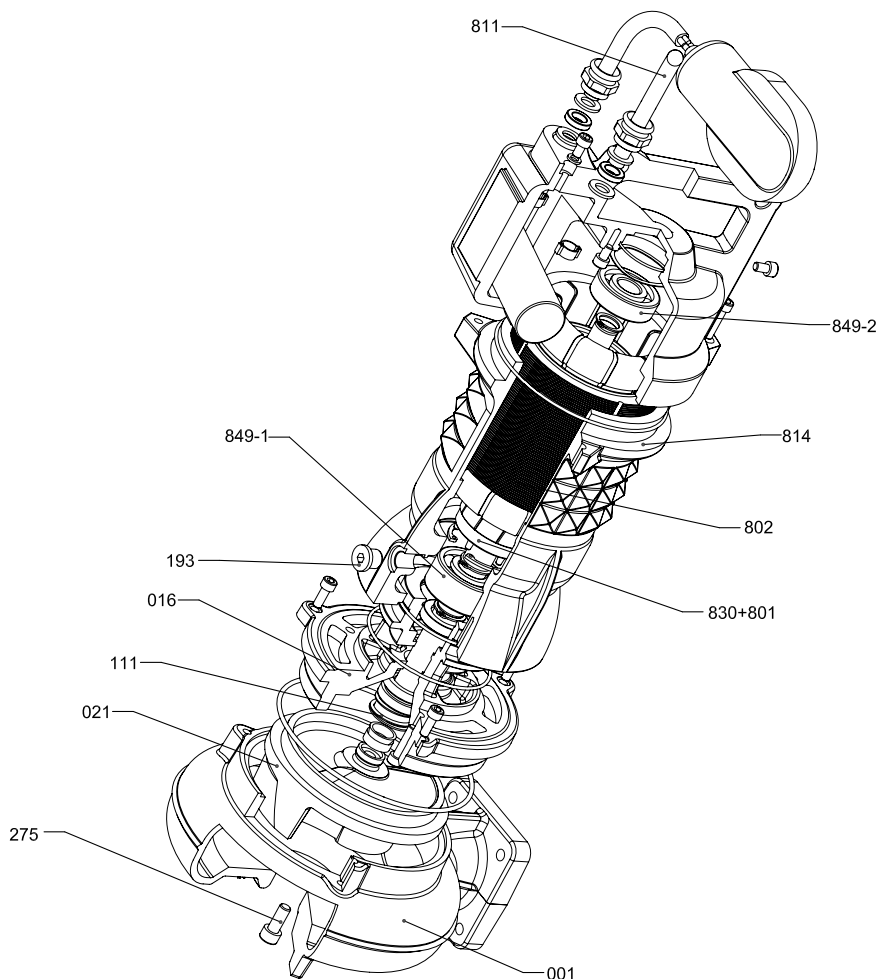


N°	PART.NAME	MATERIAL	Q.TY
001	Pump Casing	Cast iron EN-GHJL-200 - EN 1561	1
016	Mechanical Seal Cover	Cast iron EN-GHJL-200 - EN 1561	1
021	Impeller	Cast iron EN-GHJL-200 - EN 1561	1
080	Bushing	Steel	1
107	Wearing ring	Bronze	1
111	Mechanical seal	-	1
174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1
193	Oil Plug	NBR/Stainless Steel	1 set
211	Airvent Valve	Brass	1
275	Impeller Bolt	Stainless steel A2-70 class ISO 3506/1	1
801	Rotor	-	1
802	Stator	-	1

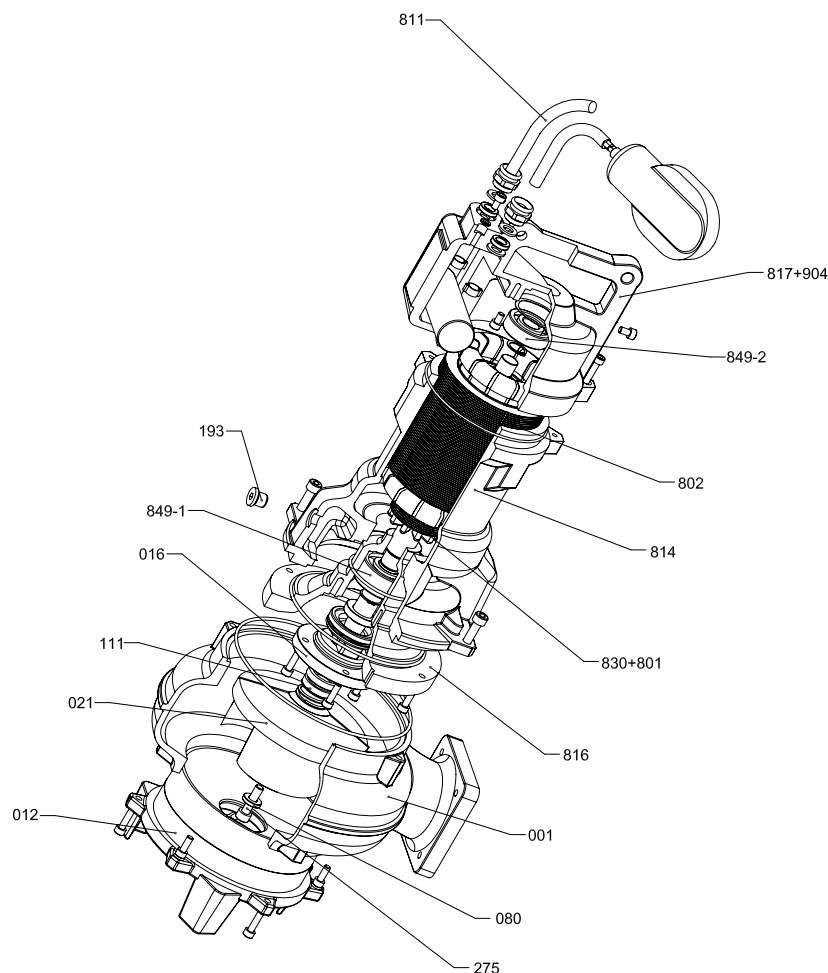
N°	PART.NAME	MATERIAL	Q.TY
811-1	Submersible Cable (power)	-	2
811-2	Submersible Cable (signal)	-	1
814	Motor Frame	Cast iron EN-GHJL-200 - EN 1561	1
816	Power Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
817	Opposite Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
830	Shaft	EN 1.4006 (AISI403)	1
849-1	Ball Bearing	-	1
849-2	Ball Bearing	-	1
856	Thermal Protector	-	3
904	Lifting Hanger	Steel	1
907	Bearing Cover	Steel	1

100DML (11÷22 kW)**150DML (11÷22 kW)**

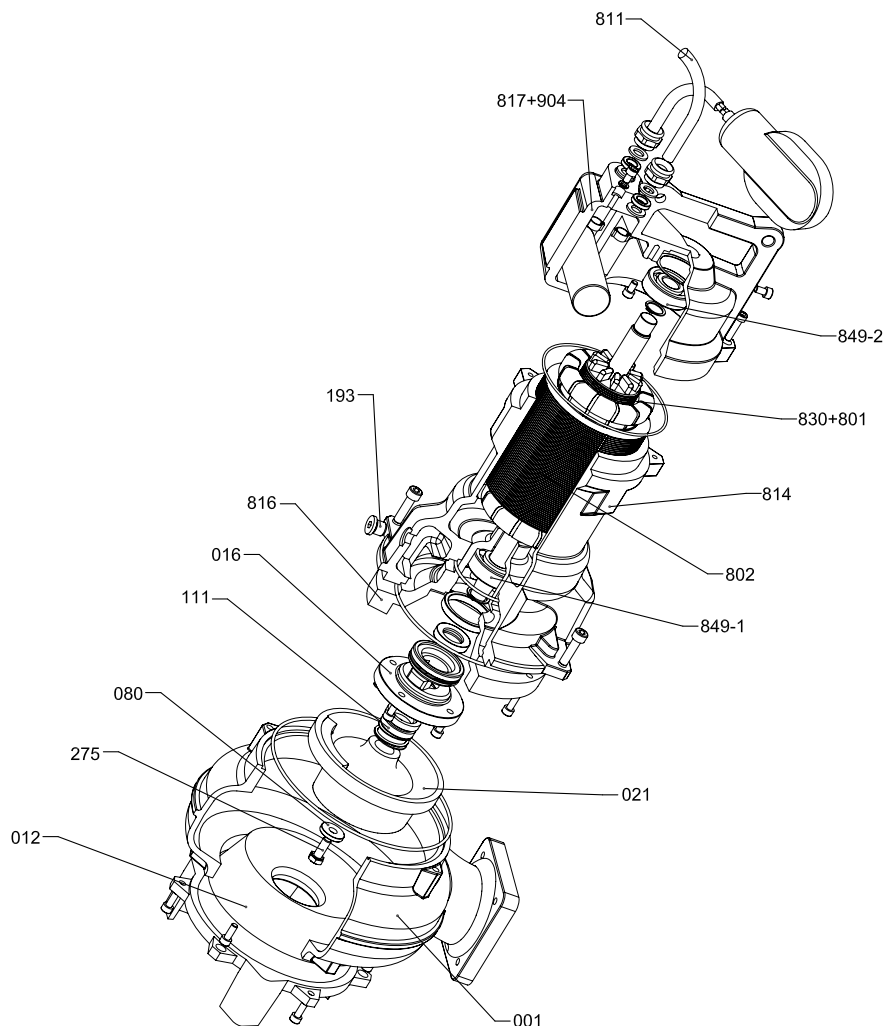
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
001	Pump Casing	Cast iron EN-GHJL-200 - EN 1561	1	811-1	Submersible Cable (power)	-	2
016	Mechanical Seal Cover	Cast iron EN-GHJL-200 - EN 1561	1	811-2	Submersible Cable (signal)	-	1
021	Impeller	Cast iron EN-GHJL-200 - EN 1561	1	814	Motor Frame	Cast iron EN-GHJL-200 - EN 1561	1
080	Bushing	Steel	1	816	Power Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
107	Wearing ring	Bronze	1	817	Opposite Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
111	Mechanical seal	-	1	830	Shaft	EN 1.4006 (AISI403)	1
174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1	849-1	Ball Bearing	-	1
193	Oil Plug	NBR/Stainless Steel	1 set	849-2	Ball Bearing	-	1
211	Airvent Valve	Brass	1	856	Thermal Protector	-	3
275	Impeller Bolt	Stainless steel A2-70 class ISO 3506/1	1	904	Lifting Hanger	Steel	1
801	Rotor	-	1	907	Bearing Cover	Steel	1
802	Stator	-	1				

50 DMLF (1.4 kW)

N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGLE	CAST IRON EN-GJL-250	1

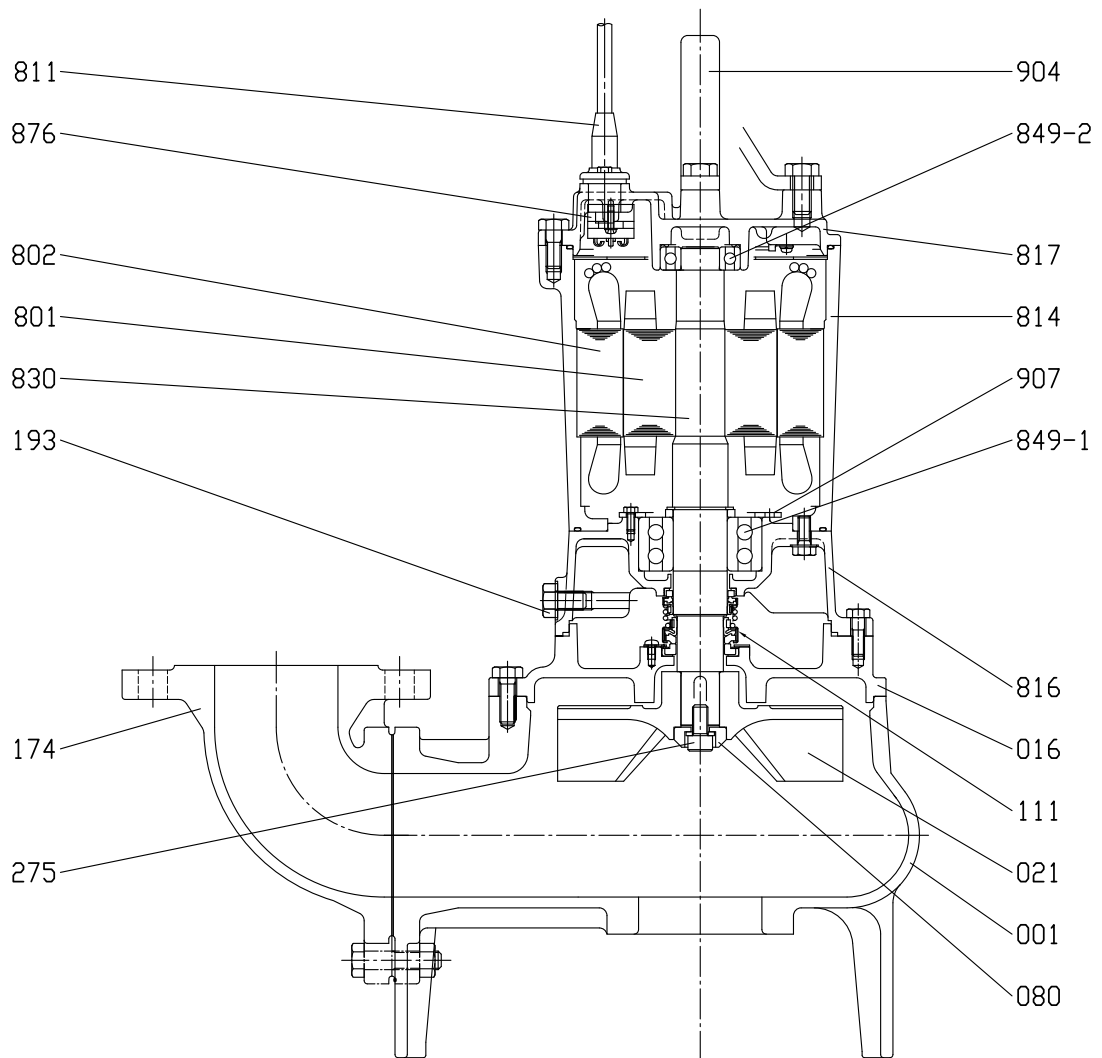
65 DMLF (1.5 kW)

N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
012	SUCTION COVER	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
080	BUSHING	STEEL	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGLE	CAST IRON EN-GJL-250	1

65 DMLF (1.9 Kw)

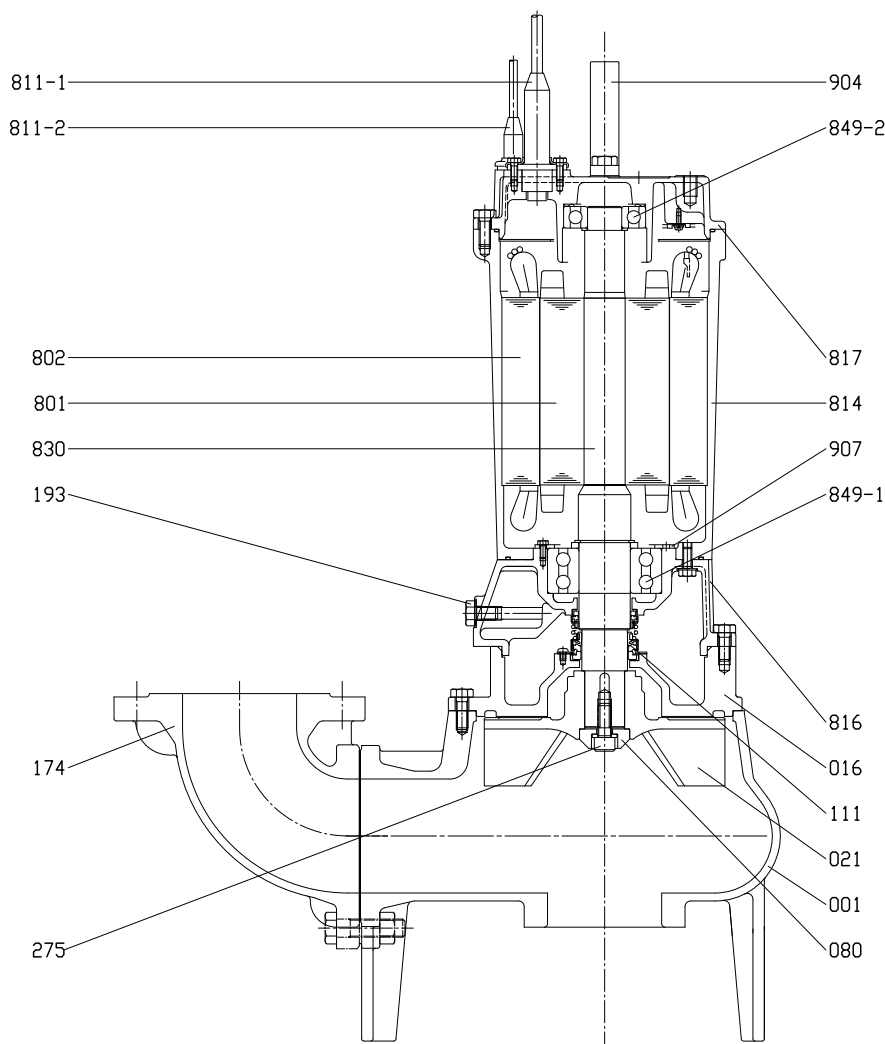
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
012	SUCTION COVER	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
080	BUSHING	STEEL	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKER	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGLE	CAST IRON EN-GJL-250	1

80DMLV (2.2 kW)

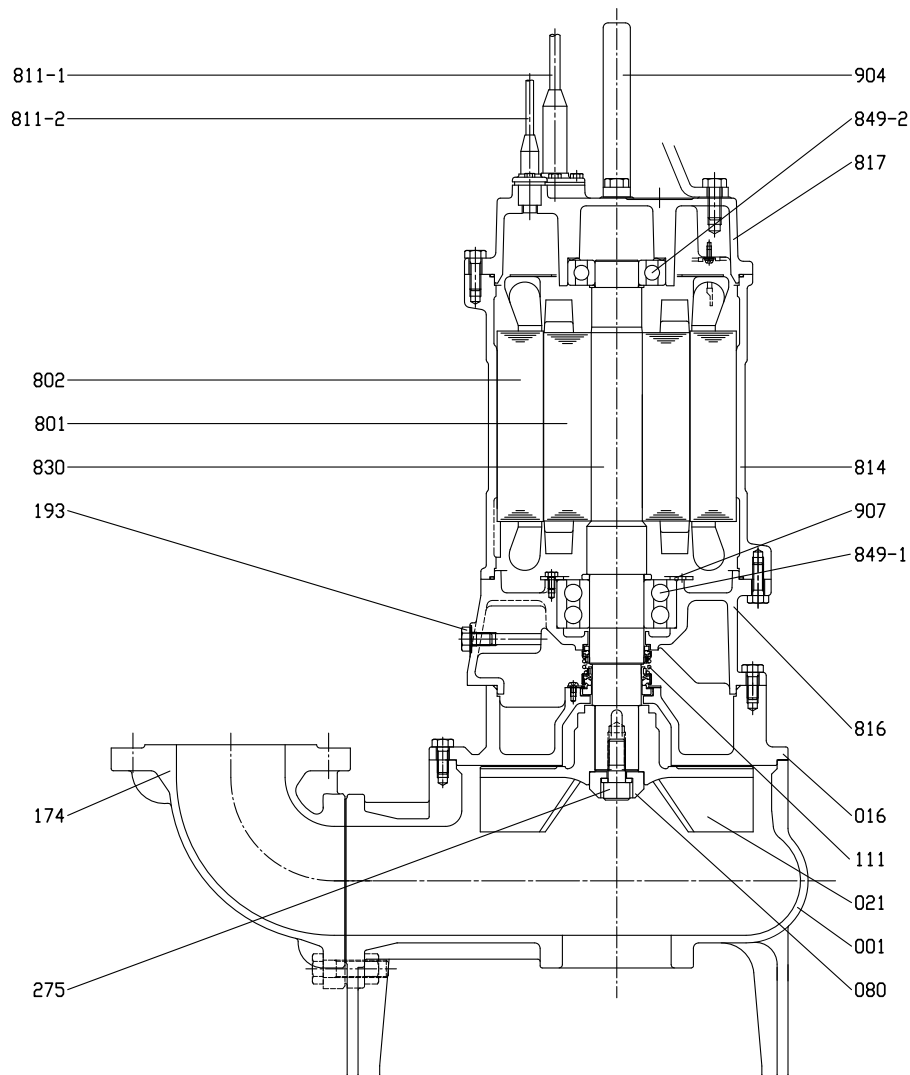


N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
001	Pump Casing	Cast iron EN-GHJL-200 - EN 1561	1	811	Submersible Cable	-	2
016	Mechanical Seal Cover	Cast iron EN-GHJL-200 - EN 1561	1	814	Motor Frame	Cast iron EN-GHJL-200 - EN 1561	1
021	Impeller	Cast iron EN-GHJL-200 - EN 1561	1	816	Power Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
080	Bushing	Steel	1	817	Opposite Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
111	Mechanical seal	-	1	830	Shaft	EN 1.4006 (AISI403)	1
174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1	849-1	Ball Bearing	-	1
193	Oil Plug	NBR/Stainless Steel	1 set	849-2	Ball Bearing	-	1
275	Impeller screw	Stainless steel A2-70 class ISO 3506/1	1	876	Auto Cut	-	1
801	Rotor	-	1	904	Lifting Hanger	Steel	1
802	Stator	-	1	907	Bearing Cover	Steel	1

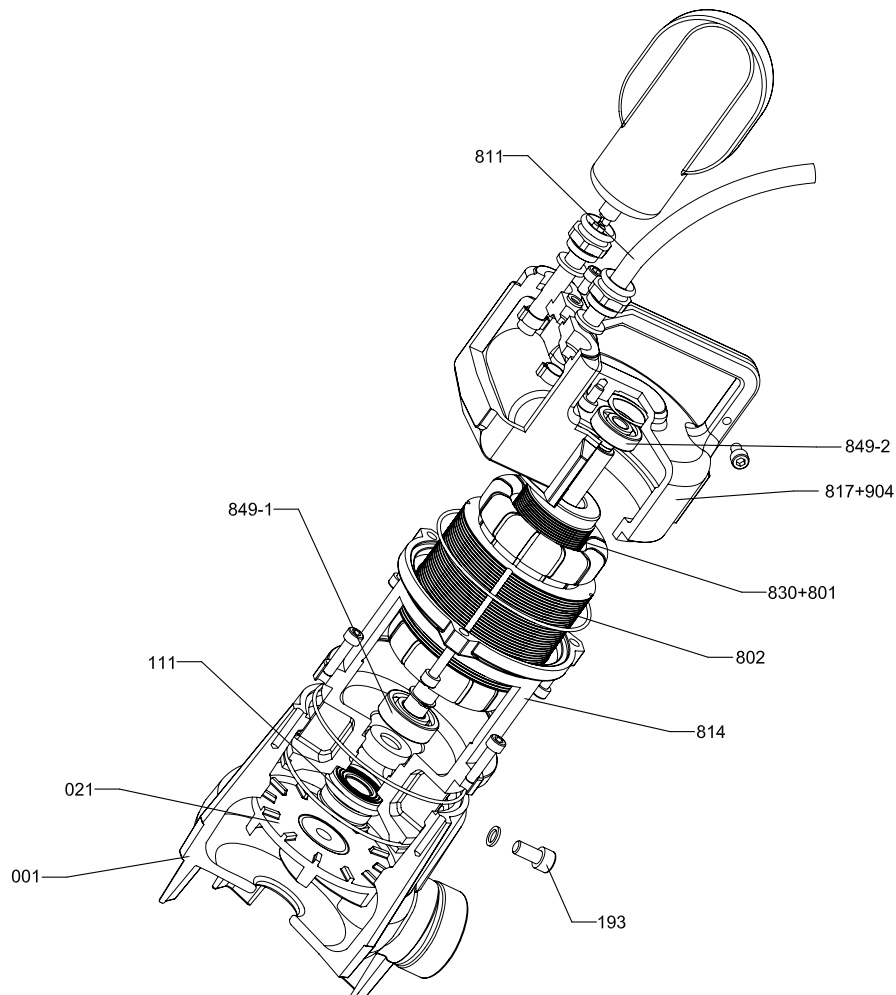
80DMLV (3.7 kW)
100DMLV (3.7÷5.5 kW)



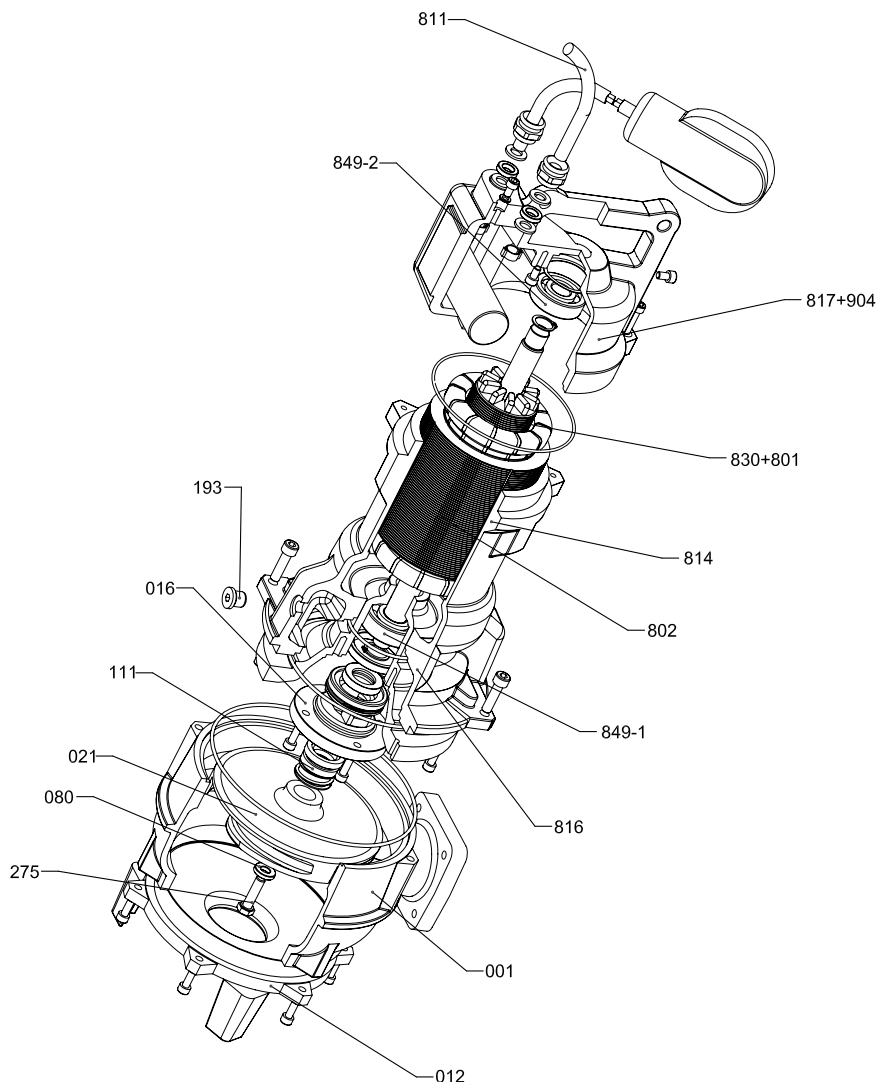
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
001	Pump Casing	Cast iron EN-GHJL-200 - EN 1561	1	811-1	Submersible Cable (power)	-	2
016	Mechanical Seal Cover	Cast iron EN-GHJL-200 - EN 1561	1	811-2	Submersible Cable (signal)	-	1
021	Impeller	Cast iron EN-GHJL-200 - EN 1561	1	814	Motor Frame	Cast iron EN-GHJL-200 - EN 1561	1
080	Bushing	Steel	1	816	Power Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
111	Mechanical seal	-	1	817	Opposite Side Bracket	Cast iron EN-GHJL-200 - EN 1561	1
174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1	830	Shaft	EN 1.4006 (AISI403)	1
193	Oil Plug	NBR/Stainless Steel	1 set	849-1	Ball Bearing	-	1
275	Impeller screw	Stainless steel A2-70 class ISO 3506/1	1	849-2	Ball Bearing	-	1
801	Rotor	-	1	904	Lifting Hanger	Steel	1
802	Stator	-	1	907	Bearing Cover	Steel	1

100DMLV (11÷22 kW)

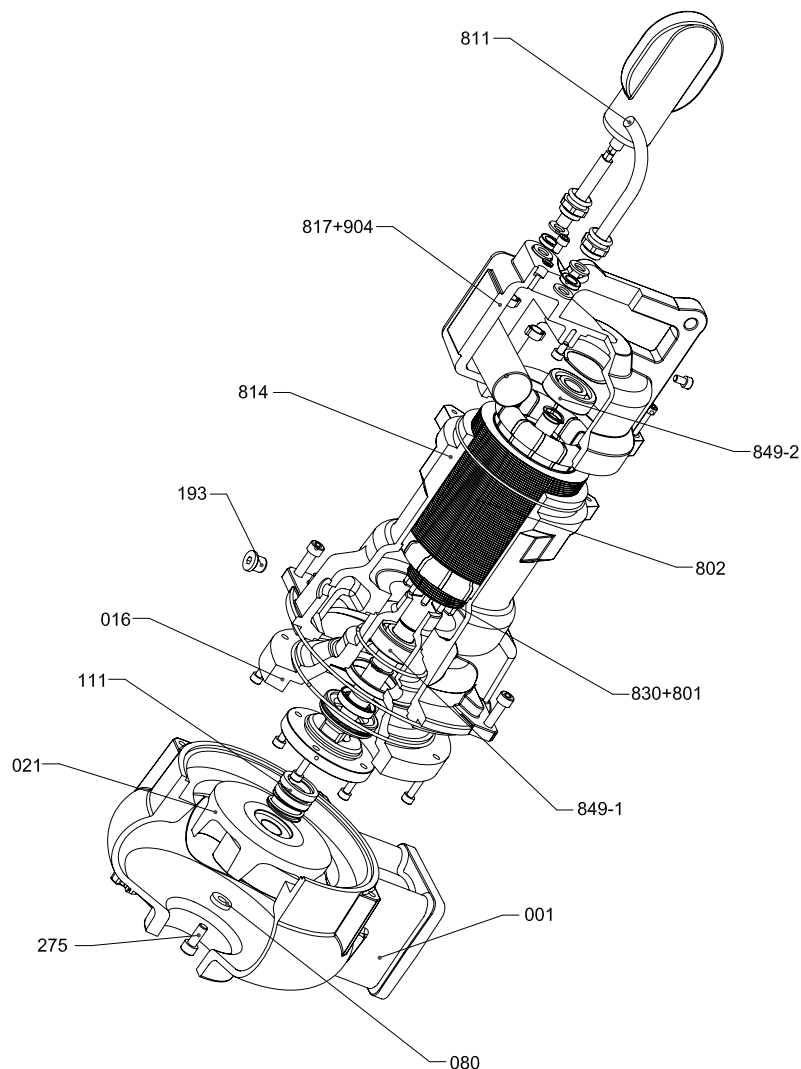
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
001	Pump Casing	Cast iron EN-GHUL-200 - EN 1561	1	811-1	Submersible Cable (power)	-	2
016	Mechanical Seal Cover	Cast iron EN-GHUL-200 - EN 1561	1	811-2	Submersible Cable (signal)	-	1
021	Impeller	EN-GHUL-200-EN 1561 (11 kW) EN-GJS-400 - EN 1563 (15-22 kW)	1	814	Motor Frame	Cast iron EN-GHUL-200 - EN 1561	1
080	Bushing	Steel	1	816	Power Side Bracket	Cast iron EN-GHUL-200 - EN 1561	1
111	Mechanical seal	-	1	817	Opposite Side Bracket	Cast iron EN-GHUL-200 - EN 1561	1
174	Discharge Bend	Cast iron EN-GHUL-200 - EN 1561	1	830	Shaft	EN 1.4006 (AISI403)	1
193	Oil Plug	NBR/Stainless Steel	1 set	849-1	Ball Bearing	-	1
275	Impeller screw	Stainless steel A2-70 class ISO 3506/1	1	849-2	Ball Bearing	-	1
801	Rotor	-	1	904	Lifting Hanger	Steel	1
802	Stator	-	1	907	Bearing Cover	Steel	1

40 DMLVF (0.5 kW)

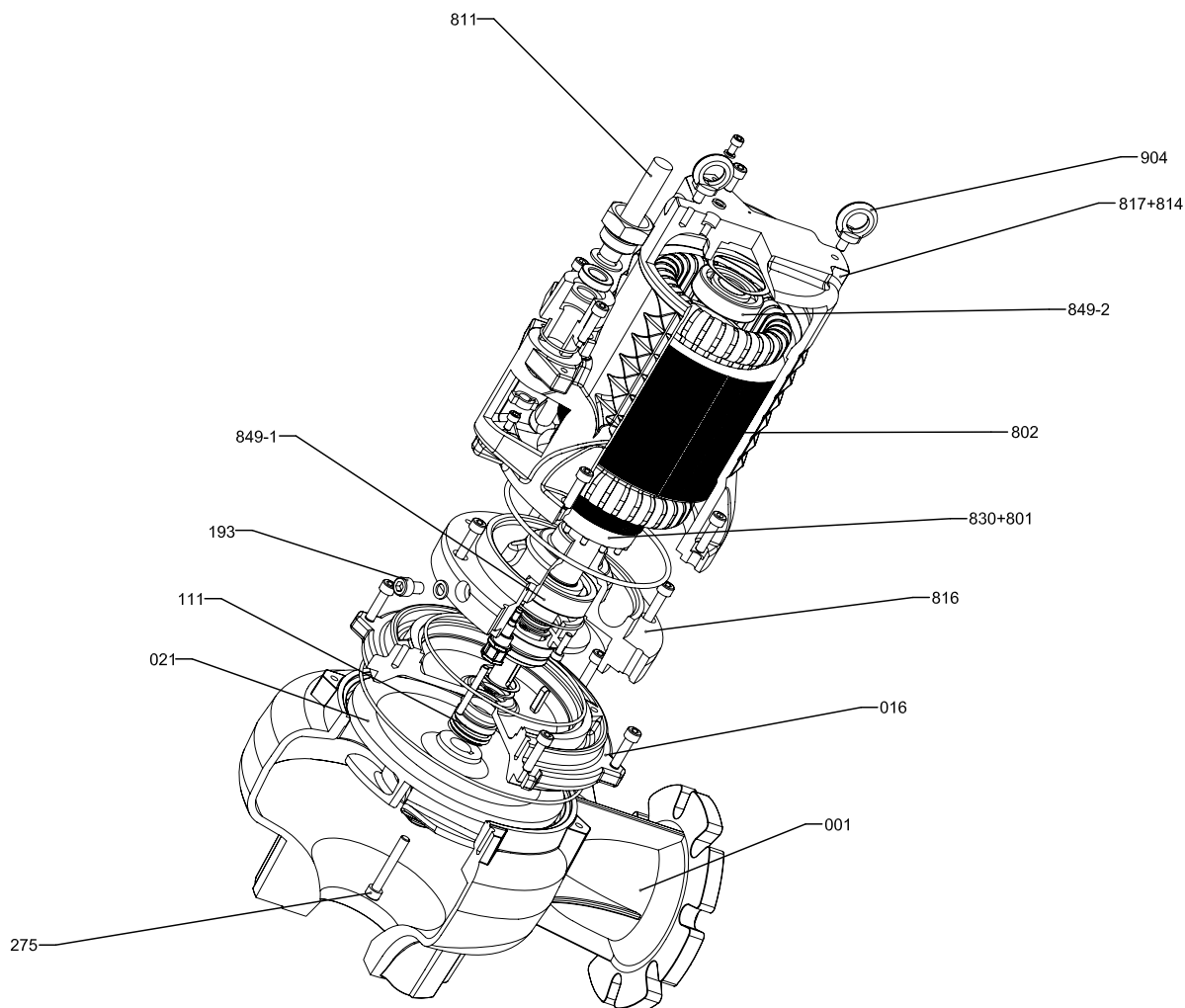
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	CAST IRON EN-GJL-250	1

50 DMLVF (1.5÷1.9 kW)

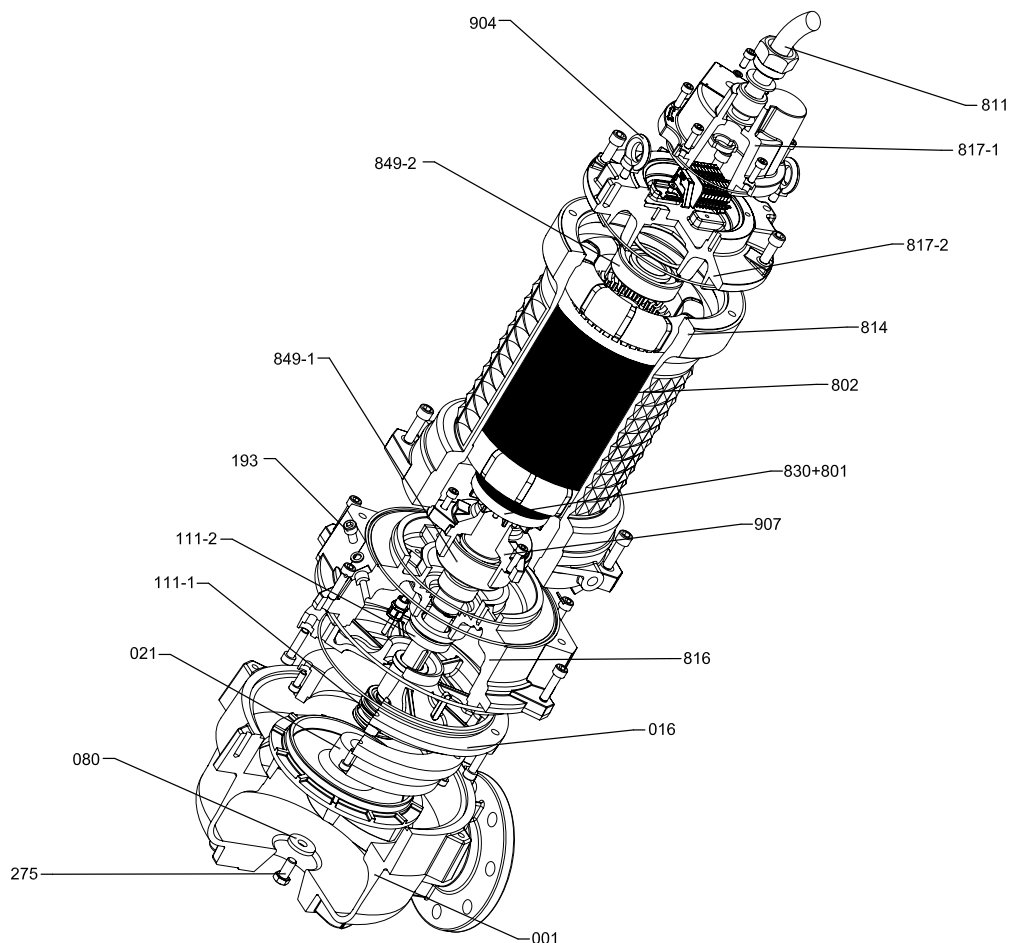
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
012	SUCTION COVER	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
080	BUSHING	STEEL	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANDLE	CAST IRON EN-GJL-250	1

65 DMLVF (1.5 kW)

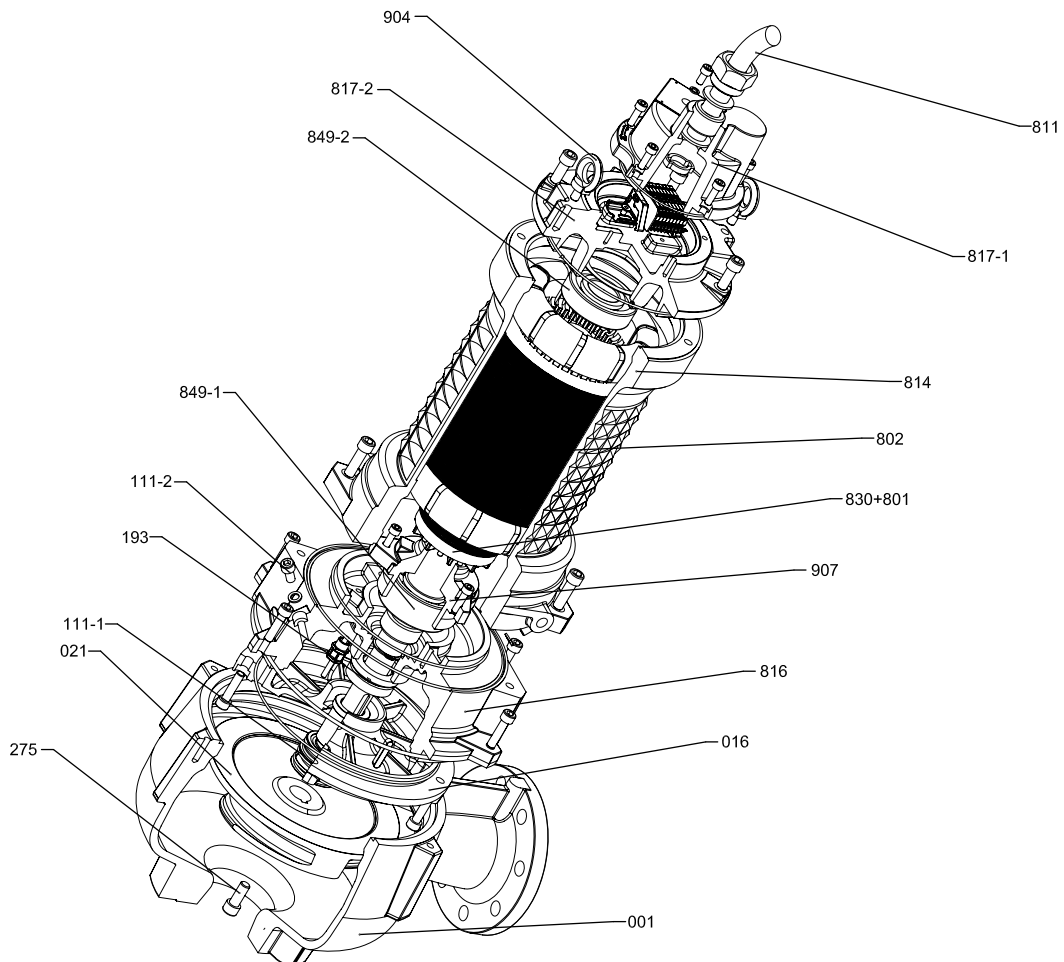
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
080	BUSHING	STEEL	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	CAST IRON EN-GJL-250	1

80 DMLVF (4.9 kW)

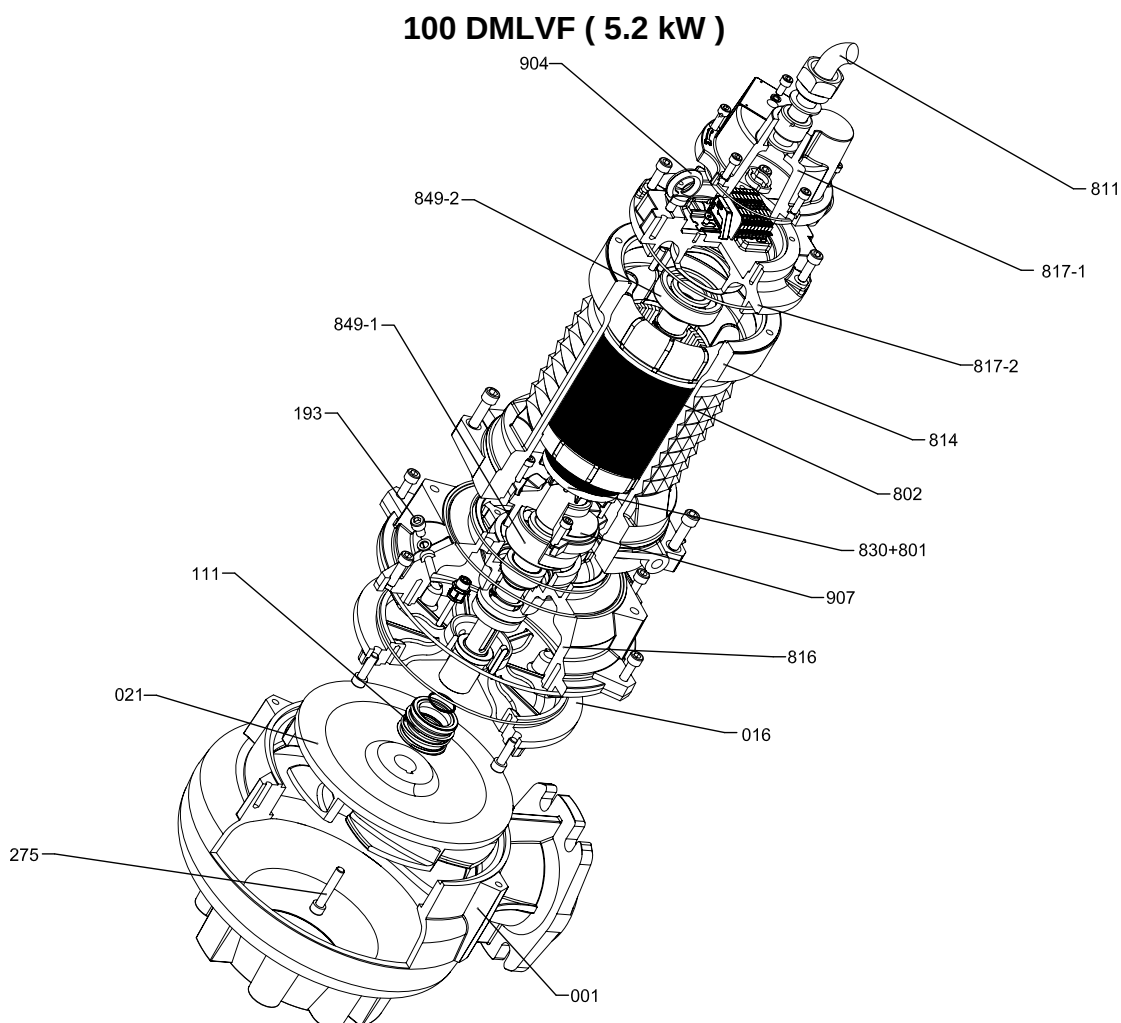
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	STEEL	2

80 DMLVF (16.6 kW)

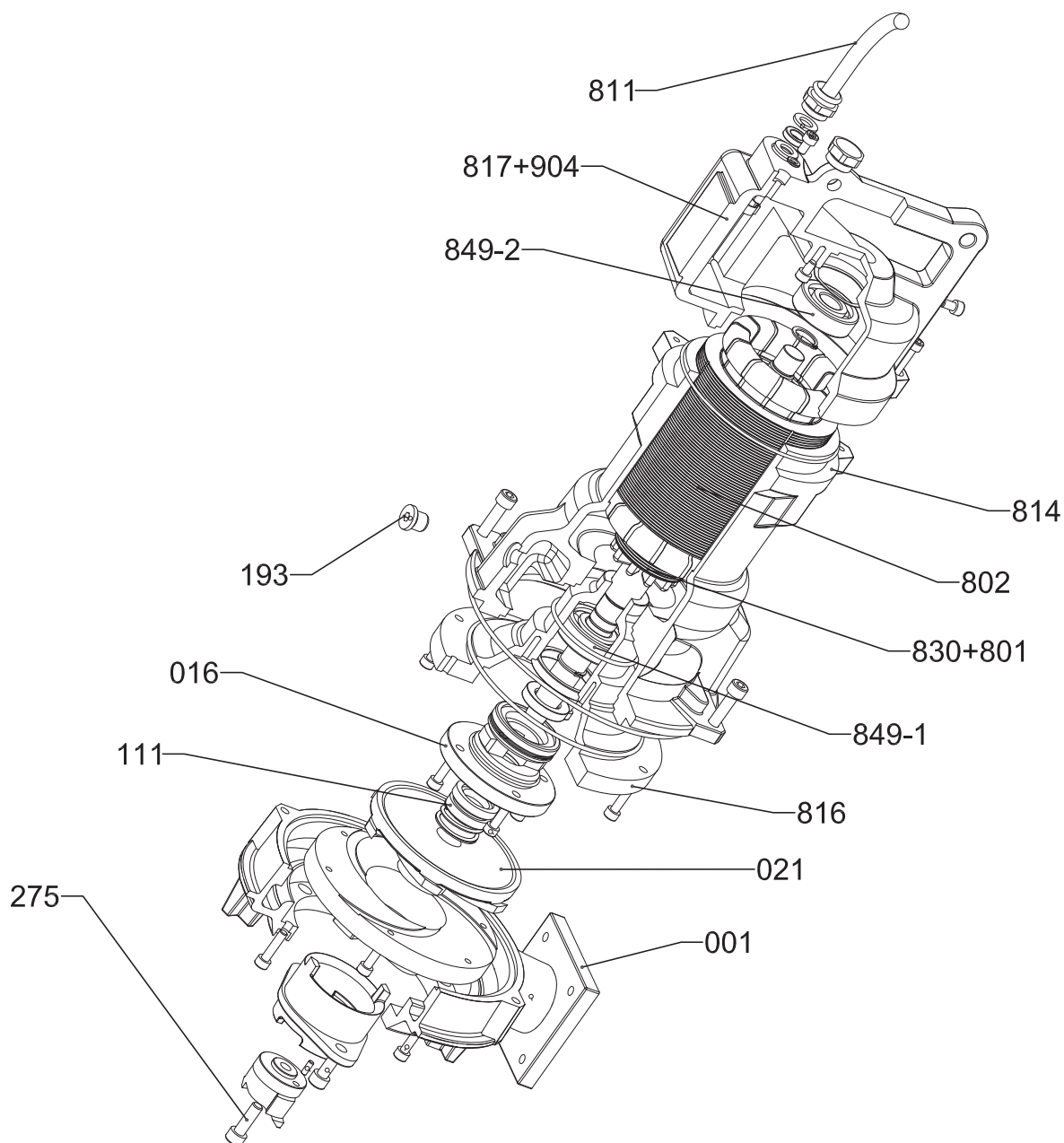
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	811	SUBMERSIBLE CABLE	-	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
080	BUSHING	STEEL	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1

80 DMLVF (18.2 kW)

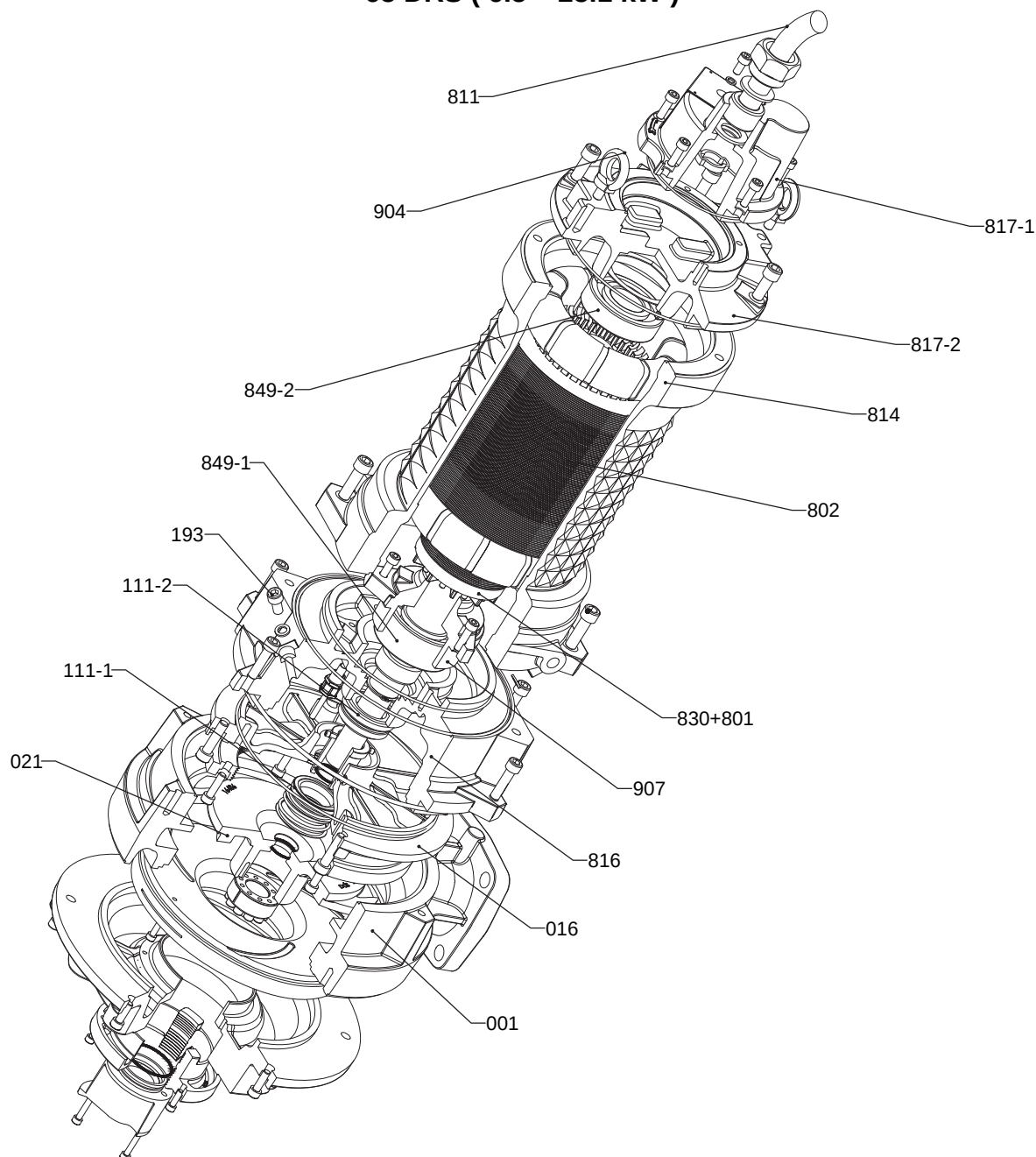
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250+Ni	1	817-1	OPPOSITE SIDE BRACKER	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKER	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1				



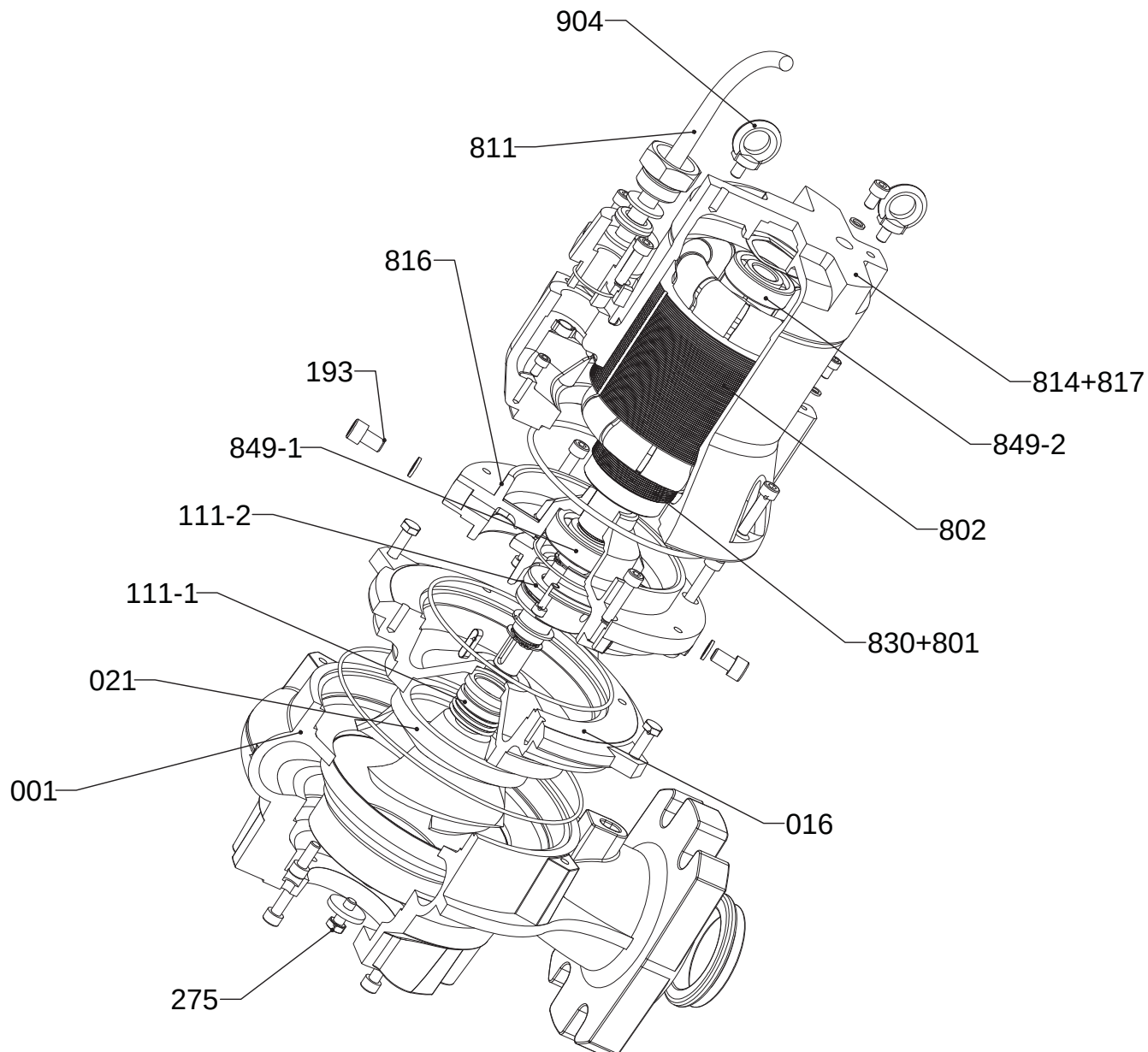
N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1
021	IMPELLER	CAST IRON EN-GJL-250	1
111	MECHANICAL SEAL	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1
801	ROTOR	-	1
802	STATOR	-	1
811	SUBMERSIBLE CABLE	-	1
814	MOTOR FRAME	CAST IRON EN-GJL-250	1
816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
830	SHAFT	AISI 420B	1
849-1	BALL BEARING	-	1
849-2	BALL BEARING	-	1
904	LIFTING HANGER	STEEL	2
907	BEARING COVER	CAST IRON EN-GJL-250	1

40 DRS (1.1 ÷ 5.0 kW)

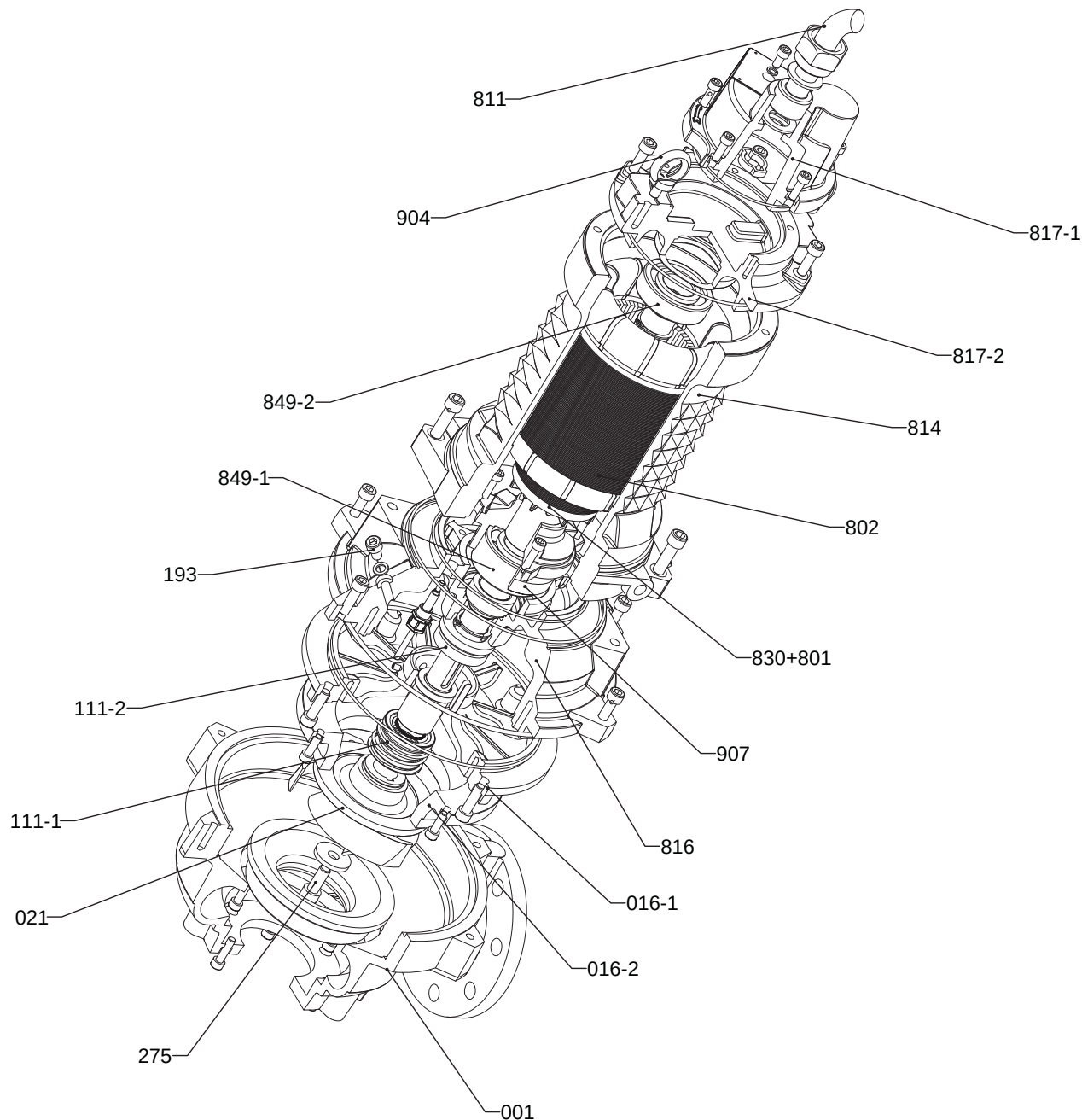
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1				
811	SUBMERSIBLE CABLE	-	1				

65 DRS (6.5 ÷ 25.1 kW)

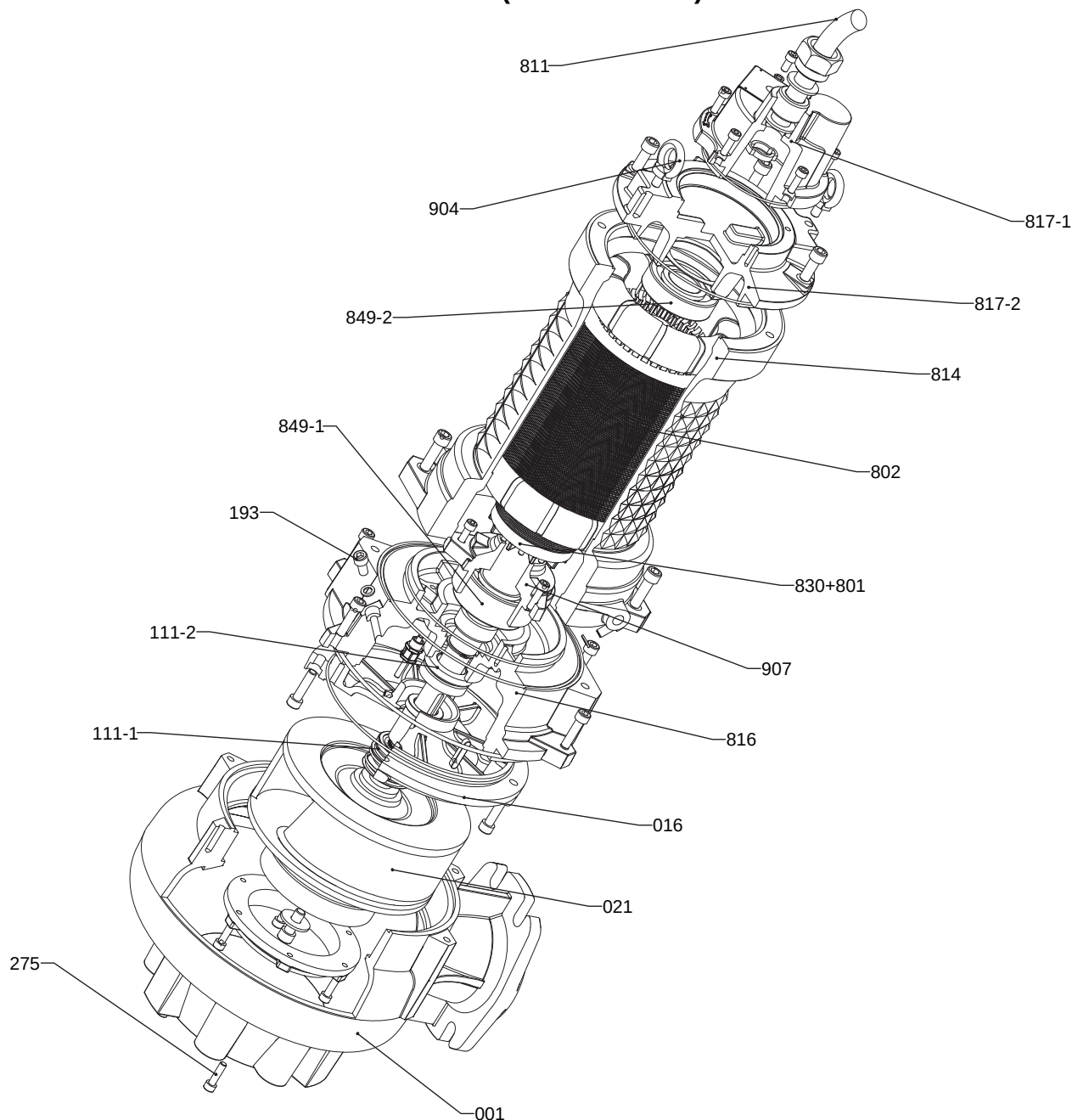
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1				

65 DRD (3.1 ÷ 3.6 kW)

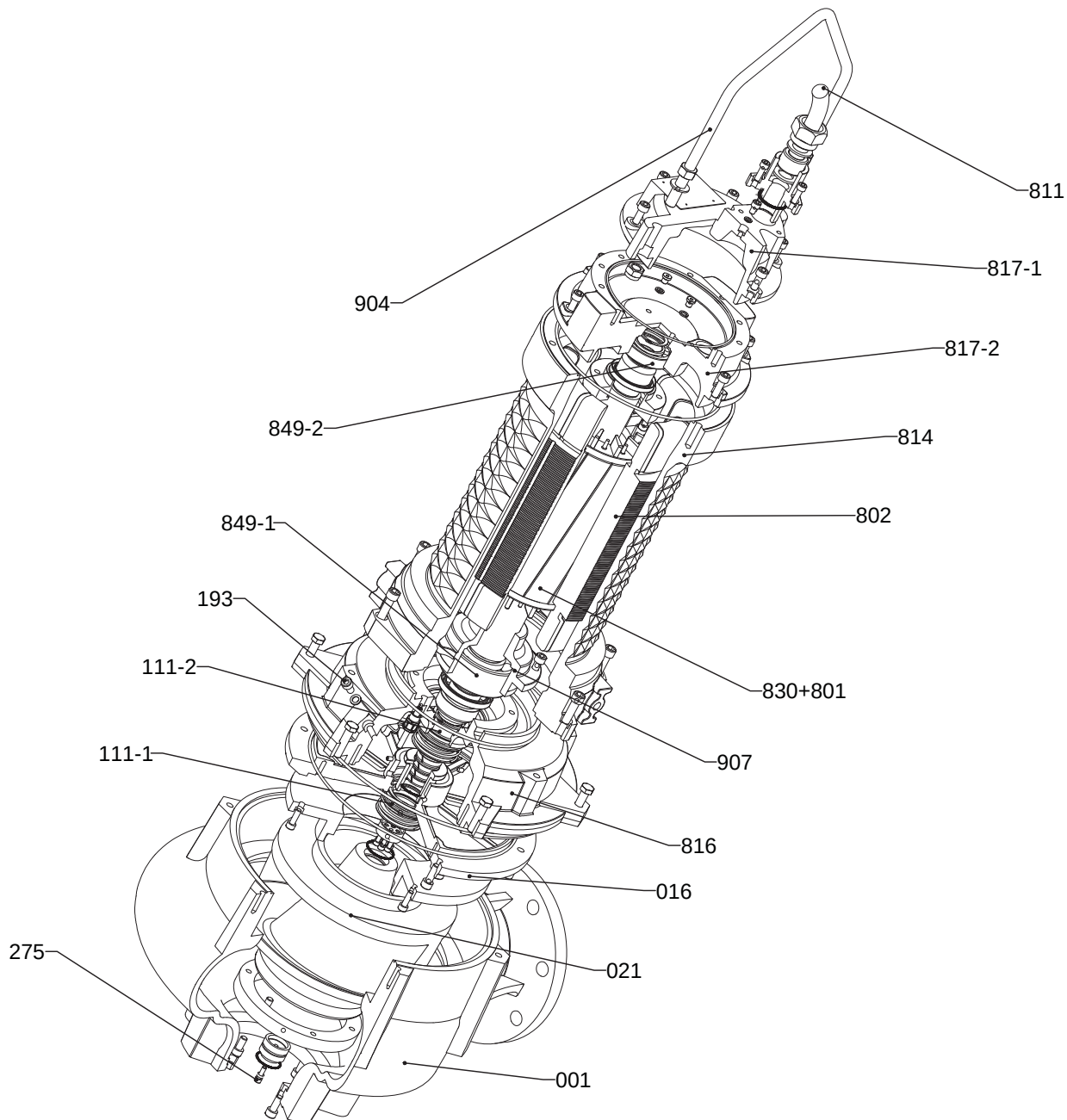
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	830	SHAFT	AINI 420B	1
111-2	MECHANICAL SEAL	-	1	849-1	BALL BEARING	-	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-2	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	904	LIFTING HANGER	STEEL	2
801	ROTOR	-	1				
802	STATOR	-	1				
811	SUBMERSIBLE CABLE	-	1				

80 DRD (5.0 ÷ 7.5 kW)

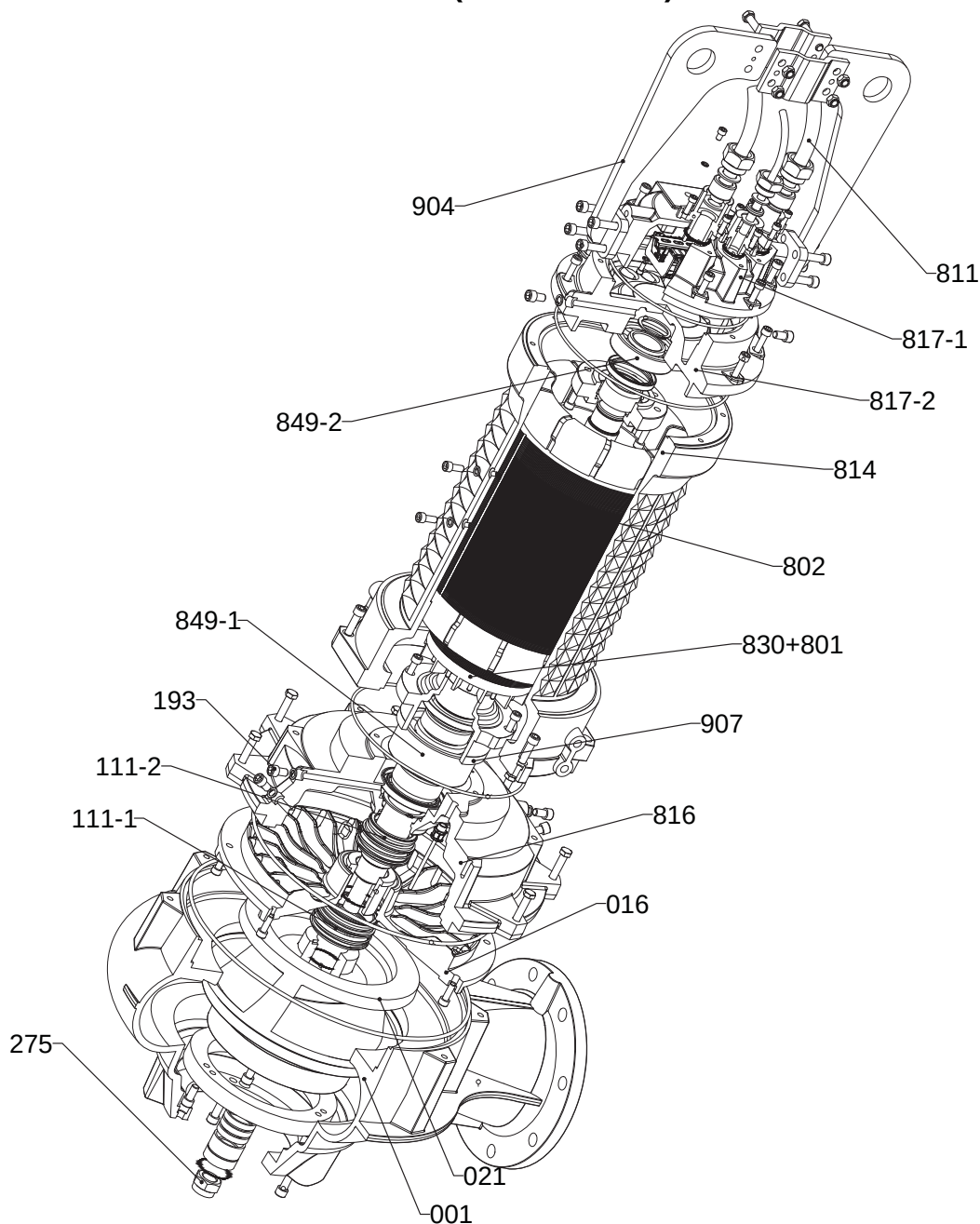
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	811	SUBMERSIBLE CABLE	-	1
016-1	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016-2	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1

100 DRD (2.7 ÷ 20.0 kW)

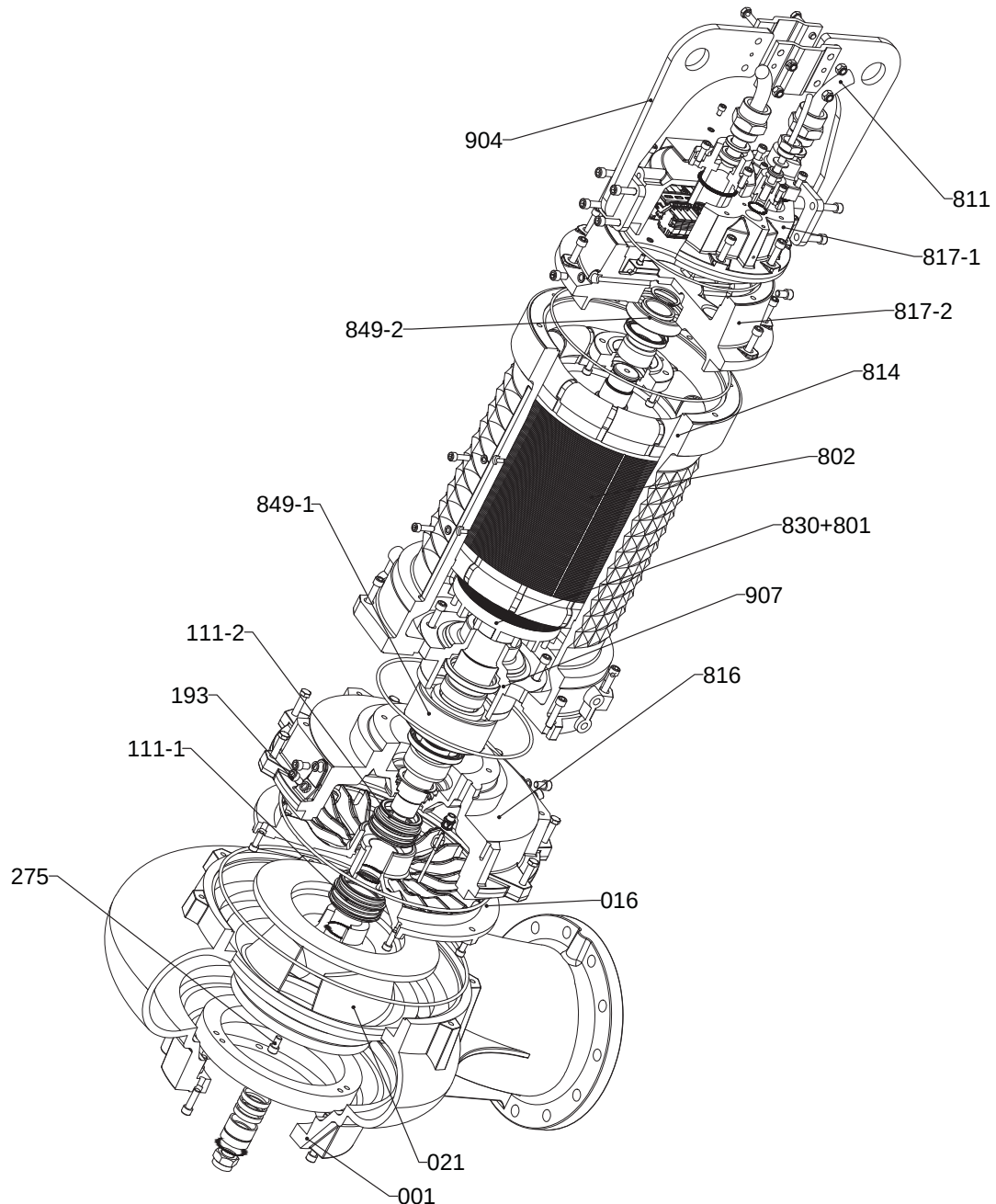
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1				

150 DRD (6.0 ÷ 80.0 kW)

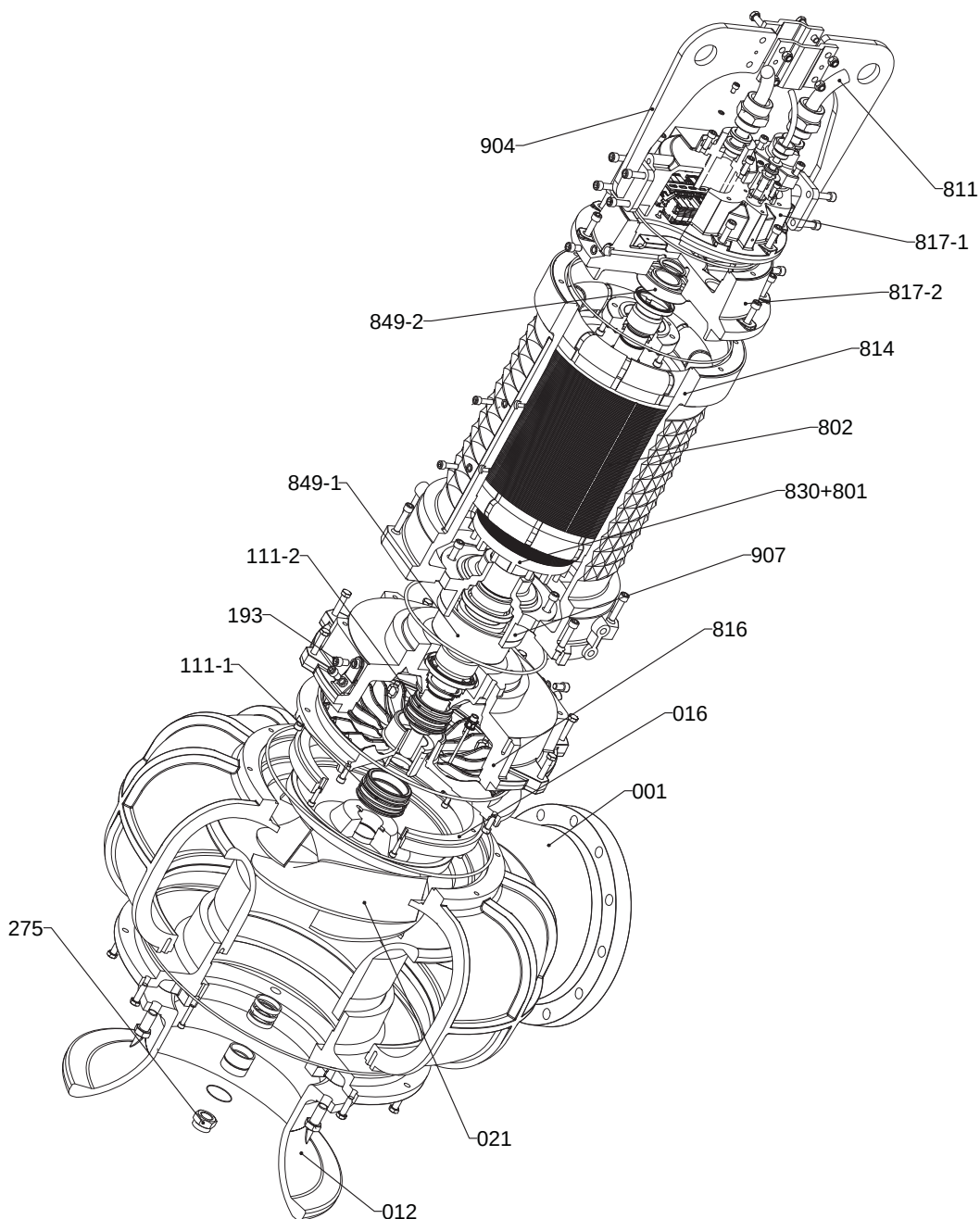
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1				

200 DRD (6.0 ÷ 48.0 kW)

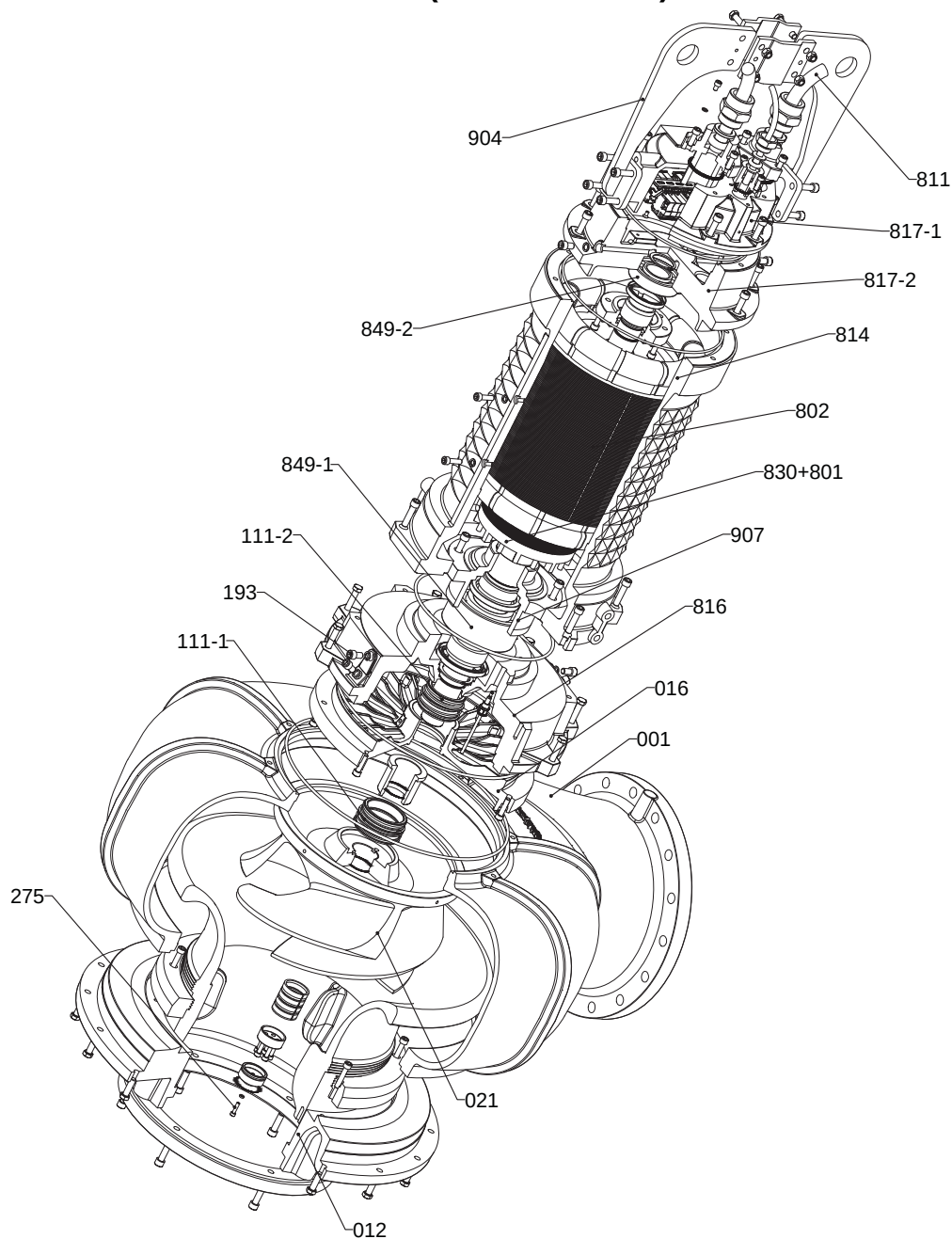
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1				

250 DRD (12.4 ÷ 85.0 kW)

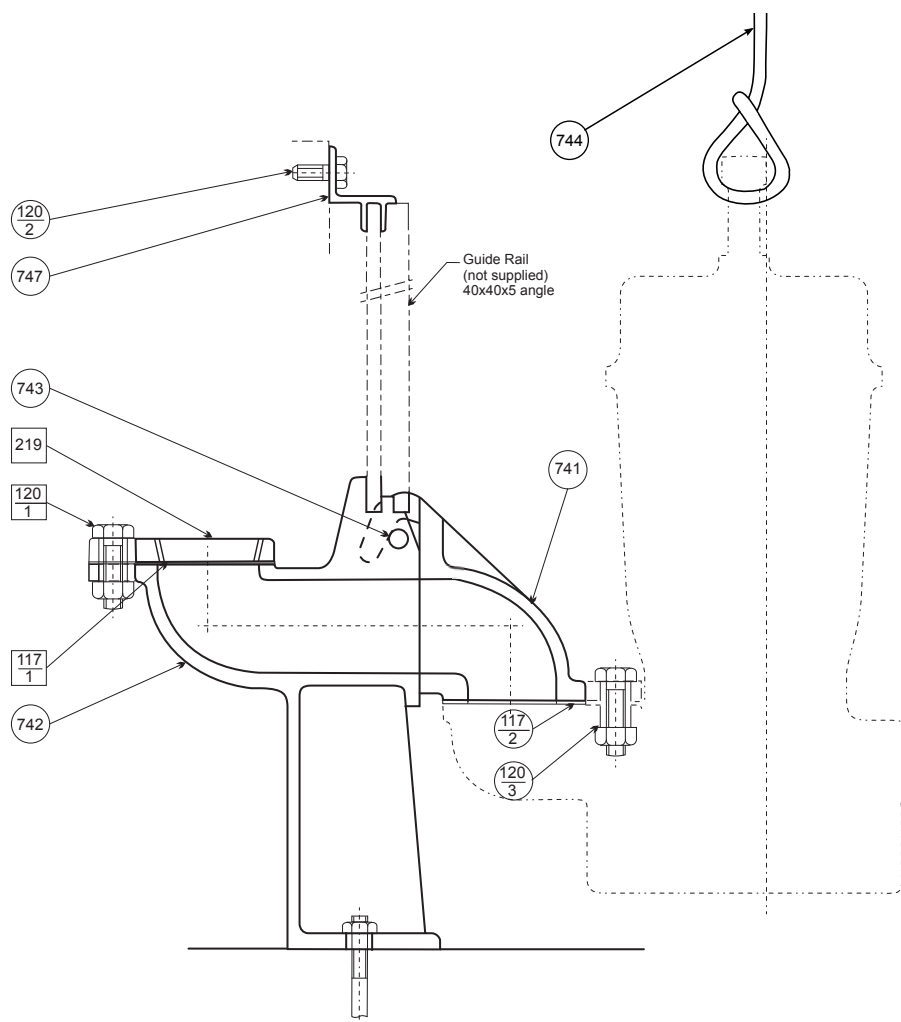
N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1				

300 DRD (21.8 ÷ 65.0 kW)

N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1	012	SUCTION COVER	CAST IRON EN-GJL-250	1

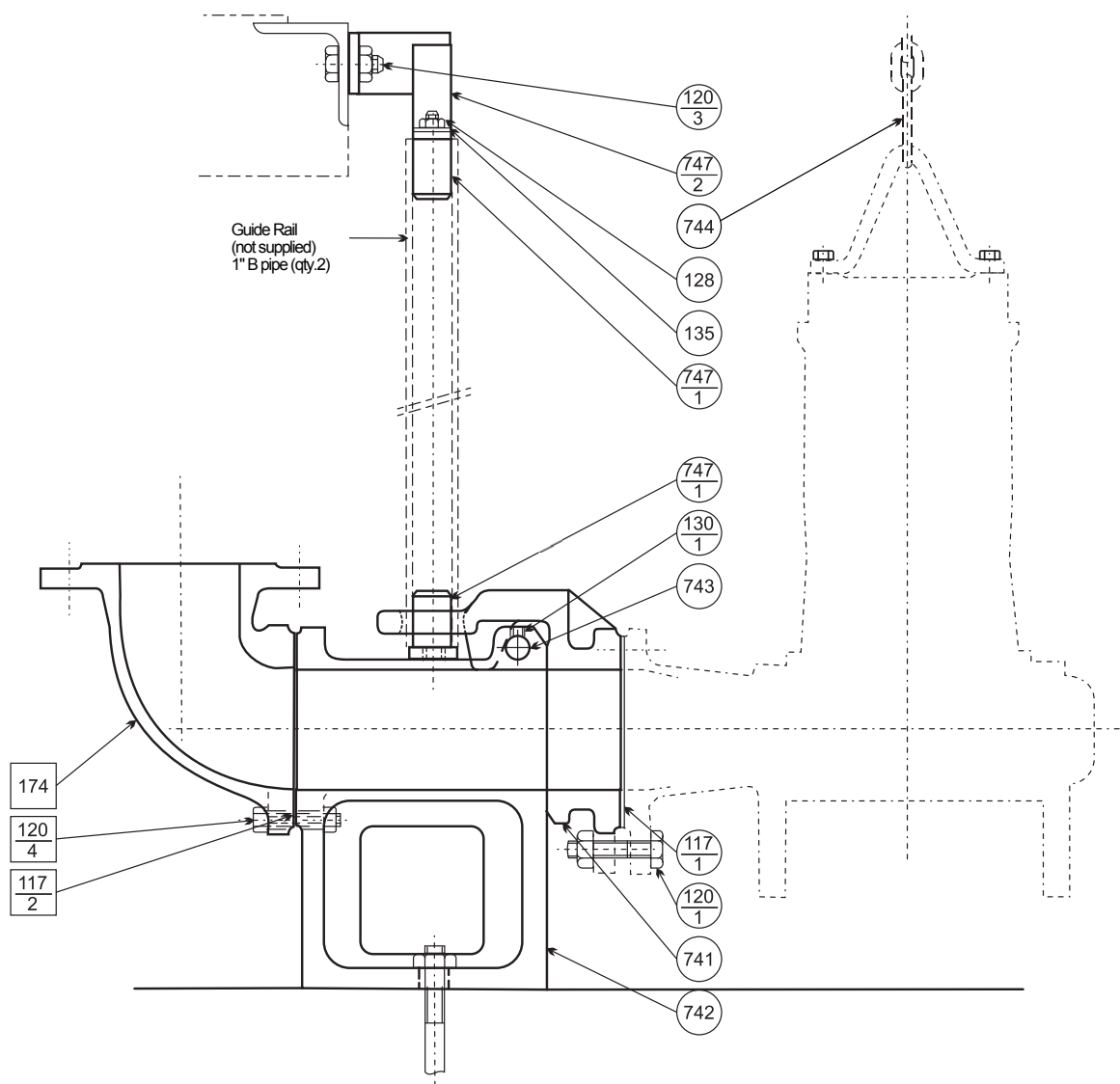
350 DRD (40.0 ÷ 45.0 Kw)

N°	PART NAME	MATERIAL	Q.TY	N°	PART NAME	MATERIAL	Q.TY
001	CASING	CAST IRON EN-GJL-250	1	814	MOTOR FRAME	CAST IRON EN-GJL-250	1
016	MECHANICAL SEAL COVER	CAST IRON EN-GJL-250	1	816	POWER SIDE BRACKET	CAST IRON EN-GJL-250	1
021	IMPELLER	DUCTILE IRON GS400 UNI-EN1563	1	817-1	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-1	MECHANICAL SEAL	-	1	817-2	OPPOSITE SIDE BRACKET	CAST IRON EN-GJL-250	1
111-2	MECHANICAL SEAL	-	1	830	SHAFT	AISI 420B	1
193	OIL PLUG	NBR / STAINLESS STEEL	1	849-1	BALL BEARING	-	1
275	IMPELLER BOLT	CLASS A2 AISI 304	1	849-2	BALL BEARING	-	1
801	ROTOR	-	1	904	LIFTING HANGER	STEEL	2
802	STATOR	-	1	907	BEARING COVER	CAST IRON EN-GJL-250	1
811	SUBMERSIBLE CABLE	-	1	012	SUCTION COVER	CAST IRON EN-GJL-250	1

QDC LS50 (Optional)

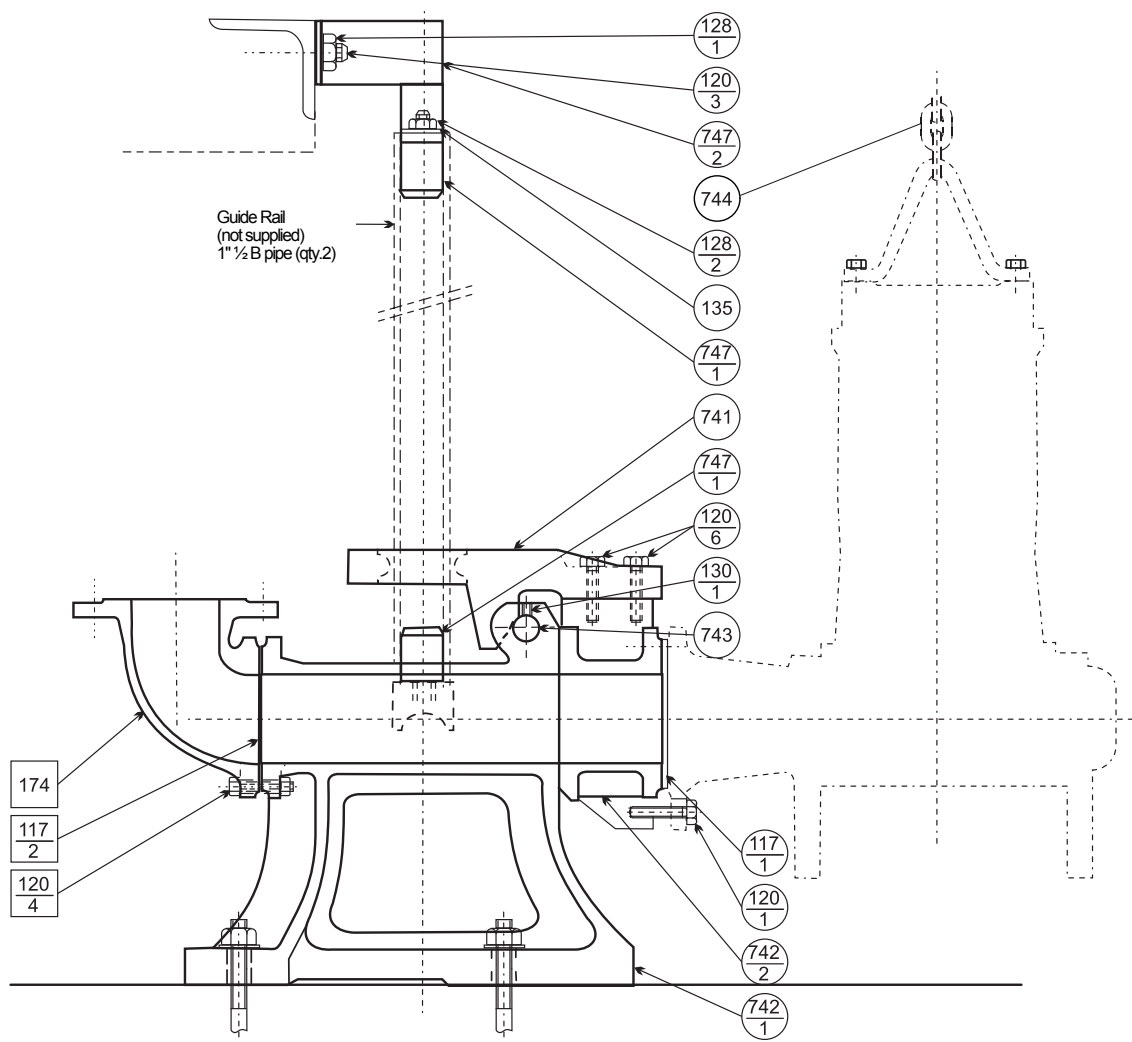
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
117-1	Gasket	NBR Rubber	1	741	Sliding Guide	Cast iron EN-GHJL-200 - EN 1561	1
117-2	Gasket	NBR Rubber	1	742	QDC Body	Cast iron EN-GHJL-200 - EN 1561	1
120-1	Bolt&Nut	AISI 304 Stainless Steel	2	743	Suspension Bar	AISI 304 Stainless Steel	1
120-2	Bolt	AISI 304 Stainless Steel	2	744	Rope	-	1
120-3	Bolt	AISI 304 Stainless Steel	2	747	Guide Support	Steel	1
219	Companion Flange	Cast iron EN-GHJL-200 - EN 1561	1				

Note: Those parts with item number indicated in a ☐ are supplied with the pump.

QDC LM50, LM65, LM80 (Optional)

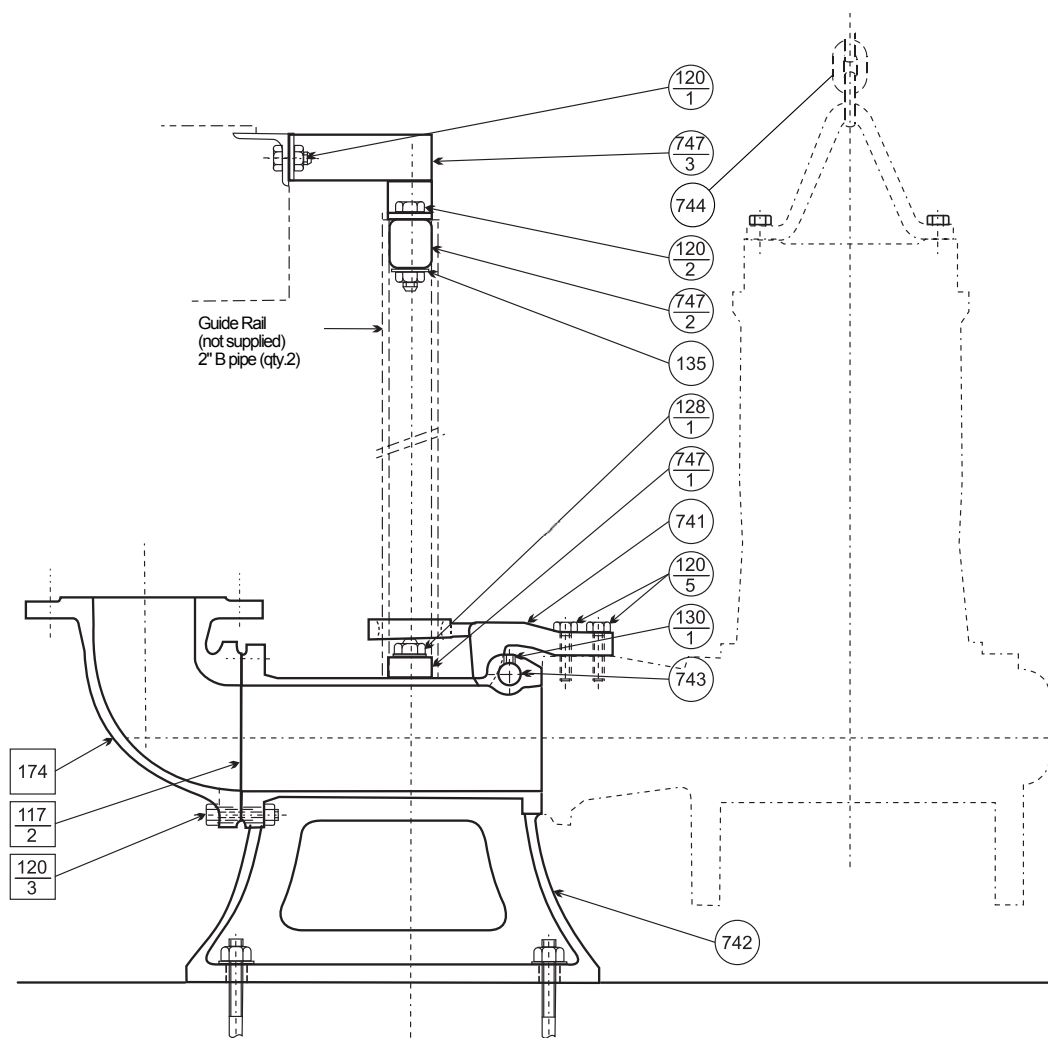
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
117-1	Gasket	NBR Rubber	1	135	Washer	AISI 304 Stainless Steel	2
117-2	Gasket	NBR Rubber	1	174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1
117-3	Gasket	NBR Rubber	1	741	Sliding Guide	Cast iron EN-GHJL-200 - EN 1563	1
120-1	Bolt & Nut	AISI 304 Stainless Steel	4	742	QDC Body	Cast iron EN-GHJL-200 - EN 1564	1
120-3	Bolt & Nut	AISI 304 Stainless Steel	2	743	Suspension Bar	AISI 304 Stainless Steel	1
120-4	Bolt & Nut	AISI 304 Stainless Steel	4	744	Chain	Steel	1
120-5	Bolt & Nut	AISI 304 Stainless Steel	4or8	747-1	Guide Pin	Steel	4
128	Nut	AISI 304 Stainless Steel	2	747-2	Guide Support	Steel	1
130-1	Set Screw	AISI 304 Stainless Steel	1				

Note: Those parts with item number indicated in a ☐ are supplied with the pump.

QDC LL80, LL100 (Optional)

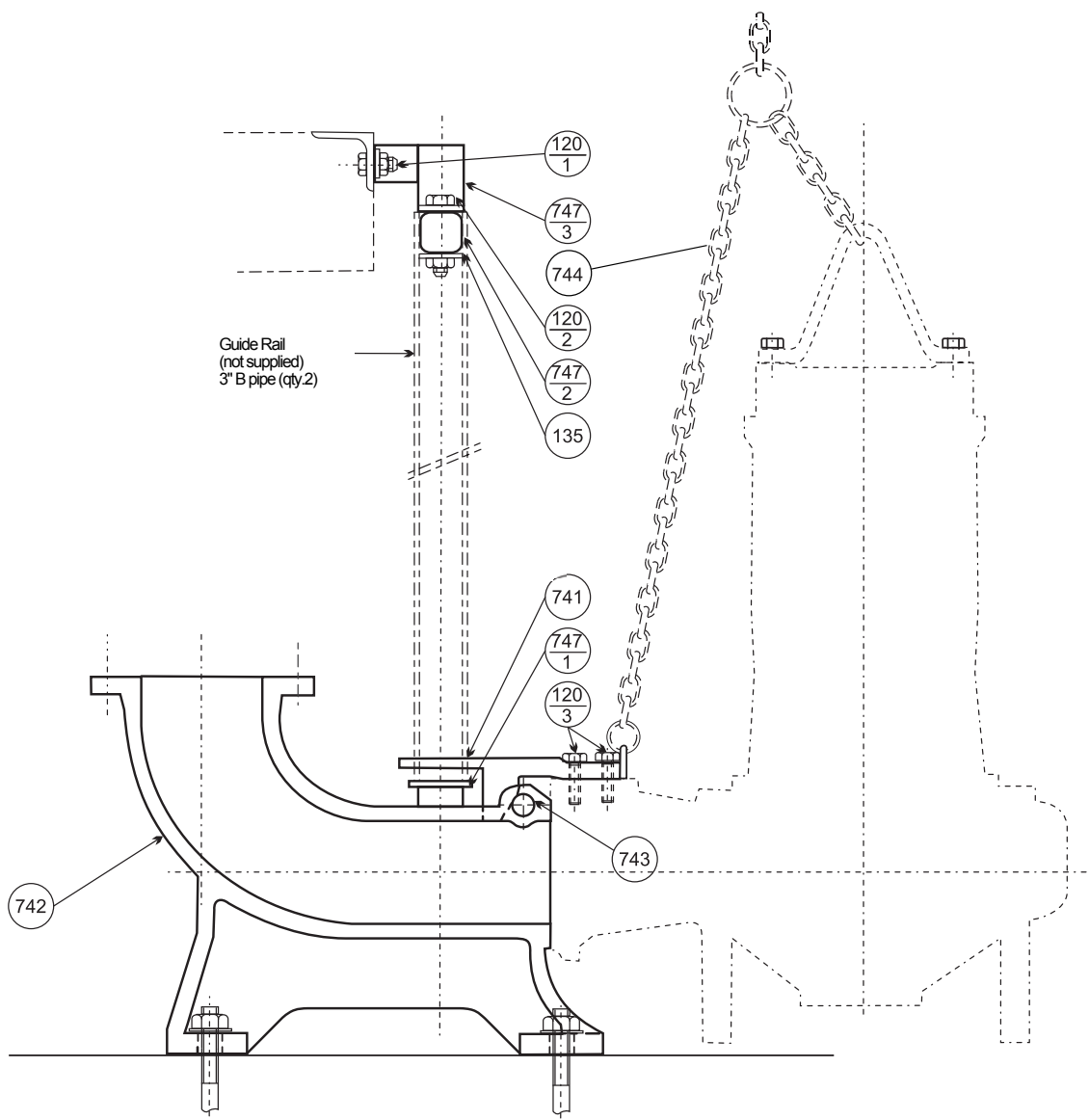
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
117-1	Gasket	NBR Rubber	1	130-1	Set Screw	AISI 304 Stainless Steel	1
117-2	Gasket	NBR Rubber	1	135	Washer	AISI 304 Stainless Steel	2
117-3	Gasket	NBR Rubber	1	174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1
120-1	Bolt	AISI 304 Stainless Steel	4	741	Sliding Guide	Spheroidal graphite cast iron EN-GJS-400 - EN 1563	1
120-3	Bolt	AISI 304 Stainless Steel	2	742-1	QDC Body	Cast iron EN-GHJL-200 - EN 1564	1
120-4	Bolt & Nut	AISI 304 Stainless Steel	4	742-2	QDC Flange	Cast iron EN-GHJL-200 - EN 1564	1
120-5	Bolt & Nut	AISI 304 Stainless Steel	4or8	743	Suspension Bar	AISI 304 Stainless Steel	1
120-6	Bolt	AISI 304 Stainless Steel	4	744	Chain	Steel	1
128-1	Nut	AISI 304 Stainless Steel	2	747-1	Guide Pin	Steel	4
128-2	Nut	AISI 304 Stainless Steel	2	747-2	Guide Support	Steel	1

Note: Those parts with item number indicated in a ☐ are supplied with the pump.

QDC LL125, LL150 (Optional)

N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
117-2	Gasket	NBR Rubber	1	135	Washer	AISI 304 Stainless Steel	2
117-3	Gasket	NBR Rubber	1	174	Discharge Bend	Cast iron EN-GHJL-200 - EN 1561	1
120-1	Bolt & Nut	AISI 304 Stainless Steel	2	741	Sliding Guide	Spheroidal graphite cast iron EN-GJS-400 - EN 1563	1
120-2	Bolt & Nut	AISI 304 Stainless Steel	2	742	QCD Body	Cast iron EN-GHJL-200 - EN 1561	1
120-3	Bolt & Nut	AISI 304 Stainless Steel	4	743	Suspension Bar	AISI 304 Stainless Steel	1
120-4	Bolt & Nut	AISI 304 Stainless Steel	8	744	Chain	Steel	1
120-5	Bolt	AISI 304 Stainless Steel	4	747-1	Guide Pin	Steel	2
128-1	Nut	AISI 304 Stainless Steel	2	747-2	Guide Pin	NR Rubber	2
130-1	Set Screw	AISI 304 Stainless Steel	1	747-3	Guide Support	Steel	1

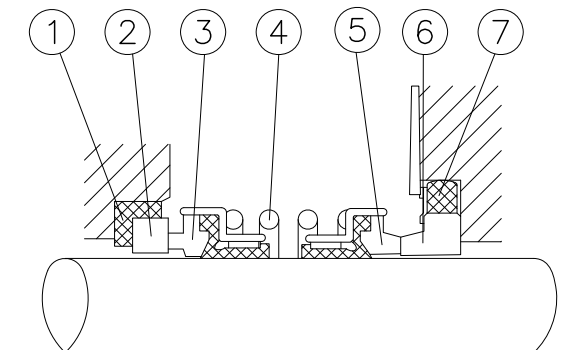
Note: Those parts with item number indicated in a □ are supplied with the pump.

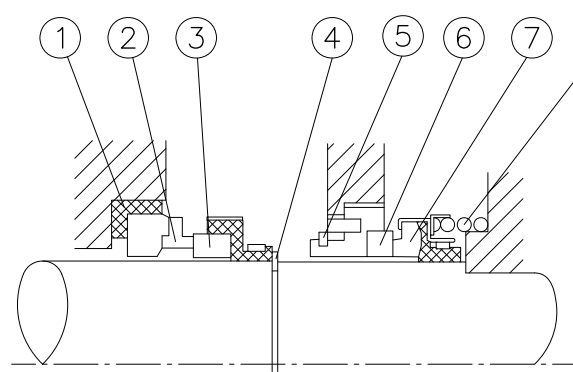
QDC LL250, 300 (Optional)

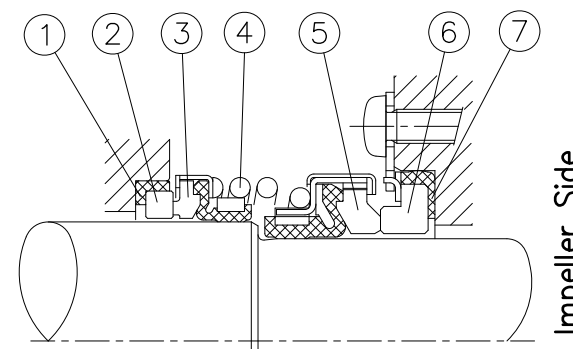
N°	PART.NAME	MATERIAL	Q.TY	N°	PART.NAME	MATERIAL	Q.TY
117-3	Gasket	NBR Rubber	1	742	QCD Body	Cast iron EN-GHJL-200 - EN 1561	1
120-1	Bolt & Nut	AISI 304 Stainless Steel	2	743	Suspension Bar	AISI 304 Stainless Steel	1
120-2	Bolt & Nut	Steel	2	744	Chain	Steel	1
120-3	Bolt	AISI 304 Stainless Steel	4	747-1	Pipe Support	AISI 304 Stainless Steel	1
120-4	Bolt & Nut	AISI 304 Stainless Steel	12 or 16	747-2	Guide Pin	NR Rubber	2
135	Washer	Steel	2	747-3	Guide Support	Steel	1
741	Sliding Guide	Spheroidal graphite cast iron EN-GJS-400 - EN 1563	1				

Note: Those parts with item number indicated in a ☐ are supplied with the pump.

MECHANICAL SEALS: TYPE A(20÷45), EAN(30÷45)

Type A (-20, -25, -30, -35)			
No.	Part Name	Material	
1	Packing	NBR Rubber	
2	Floating Ring	Ceramic	
3	Seal Ring	Carbon Graphite	
4	Spring	Aisi 304	
5	Seal Ring	Silicon Carbide	
6	Floating Ring	Silicon Carbide	
7	Packing	NBR Rubber	

Type A (-40, -45)			
No.	Part Name	Material	
1	Packing	NBR Rubber	
2	Seal Ring	Carbon Graphite	
3	Floating Ring	Ceramic	
4	Snap Ring	Spring Steel	
5	Snap Ring	Spring Steel	
6	Floating Ring	Silicon Carbide	
7	Seal Ring	Silicon Carbide	
8	Spring	Aisi 304	

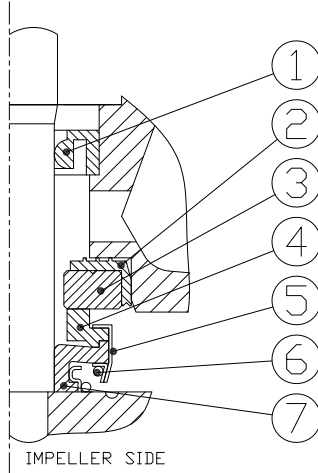
Type EAN (-30, -40, -45)			
No.	Part Name	Material	
1	Packing	NBR Rubber	
2	Floating Ring	Ceramic	
3	Seal Ring	Carbon Graphite	
4	Spring	Aisi 304	
5	Seal Ring	Silicon Carbide	
6	Floating Ring	Silicon Carbide	
7	Packing	NBR Rubber	

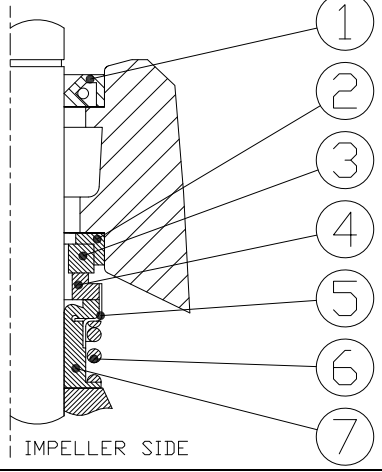
MECHANICAL SEALS: TYPE EAN-60

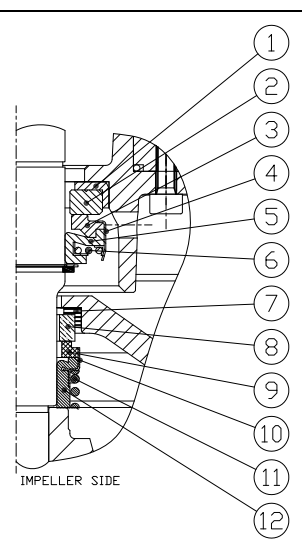
Type A-60			
No.	Part Name	Material	
1	Parallel Pin	AISI 316	
2	O - Ring	NBR Rubber	
3	Mating Ring	Silicon Carbide	
4	Seal Ring	Silicon Carbide	
5	Bellows	NBR Rubber	
6	Case	AISI 304	
7	Case	AISI 304	
8	Drive Ring	AISI 304	
9	Spring	AISI 304	
10	Spring Retainer	AISI 304	
11	Packing	NBR Rubber	
12	Mating Ring	Ceramics	
13	Seal Rings	Carbon	
14	Bellows	NBR Rubber	
15	Case	AISI 304	
16	Case	AISI 304	
17	Drive Ring	AISI 304	
18	Spring	AISI 304	
19	Spring Retainer	AISI 304	

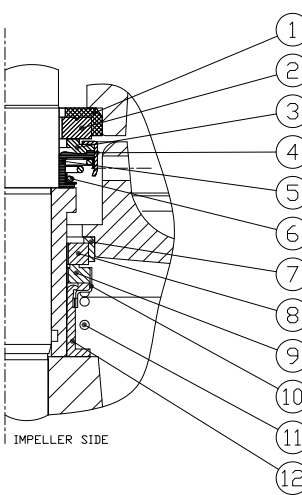
Impeller Side

MECHANICAL SEALS

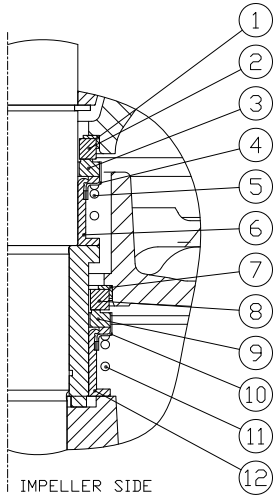
IEC63			
No.	Part Name	Material	
1	Lip seal	NBR	
2	Paking	NBR	
3	Mating Ring	Alumina	
4	Seal Ring	Carbon PAC M3X	
5	Case	AISI 304	
6	Spring	AISI 304	
7	Bellows	NBR	

IEC72 –IEC71			
No.	Part Name	Material	
1	Lip seal	NBR	
2	Paking	NBR	
3	Mating Ring	Silicon Carbide	
4	Seal Ring	Silicon Carbide	
5	Case	AISI 316	
6	Spring	AISI 316	
7	Bellows	NBR	

IEC90 – IEC100			
No.	Part Name	Material	
1	Packing	NBR	
2	Mating ring	Alumina	
3	Seal ring	Resin-impregnated Carbon	
4	Case	AISI 304	
5	Bellows	NBR	
6	Spring	AISI 304	
7	Packing	NBR	
8	Mating ring	Silicon carbide	
9	Seal ring	Silicon carbide	
10	Case	AISI 316	
11	Spring	AISI 316	
12	Bellows	NBR	

IEC112 – IEC132			
No.	Part Name	Material	
1	Packing	NBR	
2	Mating ring	Alumina	
3	Seal ring	Resin-impregnated Carbon	
4	Case	AISI 304	
5	Bellows	NBR	
6	Spring	AISI 304	
7	Packing	NBR	
8	Mating ring	Silicon carbide	
9	Seal ring	Silicon carbide	
10	Case	AISI 316	
11	Spring	AISI 316	
12	Bellows	NBR	

IEC60-180-200 – IEC250

No.	Part Name	Material	
1	Packing	NBR	
2	Mating ring	Ceramic 96%	
3	Seal ring	Carbon	
4	Case	AISI 316	
5	Spring	AISI 316	
6	Bellows	NBR	
7	Packing	NBR	
8	Mating ring	Silicon carbide	
9	Seal ring	Silicon carbide	
10	Case	AISI 316	
11	Spring	AISI 316	
12	Bellows	NBR	

MECHANICAL SEALS TABLE

DS						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q.ty [cc]	Bearings	
					Bottom	Top
50	50DS51.5	1,5	A-20	650	6205ZZ	6203ZZ
	50DS52.2	2,2	A-30	1180	6307ZZ	6304ZZ
	50DS53.7	3,7			6308ZZ	
65	65DS51.5	1,5	A-20	650	6205ZZ	6203ZZ
80	80DS52.2	2,2	A-30	1180	6307ZZ	6304ZZ
	80DS53.7	3,7			6308ZZ	
	80DS55.5	5,5	A-35	1700	6308ZZ	6306ZZ
100	100DS57.5	7,5			6309ZZ	

DVS						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q.ty [cc]	Bearings	
					Bottom	Top
50	50DVS51.5	1,5	A-20	650	6205ZZ	6203ZZ
	65DVS51.5	1,5			6205ZZ	6203ZZ
65	65DVS52.2	2,2	A-30	1380	6307ZZ	6304ZZ
	65DVS53.7	3,7			6308ZZ	
	80DVS51.5	1,5	A-20	650	6205ZZ	6203ZZ
80	80DVS52.2	2,2	A-30	1380	6307ZZ	6304ZZ
	80DVS53.7	3,7			6308ZZ	

DML						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q.ty [cc]	Bearings	
					Bottom	Top
80	80DML(V)52.2	2,2	EAN-30	1000	5307ZZ	6205ZZ
	80DML(V)53.7	3,7			5307ZZ	6205ZZ
100	100DML53.7	3,7	EAN-40	1570	5309ZZ	6306ZZ
	100DML(V)55.5	5,5			5309ZZ	6306ZZ
	100DML(V)57.5	7,5			5309ZZ	6306ZZ
	100DML(V)511	11	EAN-45	2900	5310ZZ	6308ZZ
	100DML(V)515	15			5310ZZ	6308ZZ
	100DML(V)522	22			5310ZZ	6308ZZ
150	150DML55.5	5,5	EAN-40	1570	5309ZZ	6306ZZ
	150DML57.5	7,5			5309ZZ	6306ZZ
	150DML511	11	EAN-45	2900	5310ZZ	6308ZZ
	150DML515	15			5310ZZ	6308ZZ
	150DML522	22			5310ZZ	6308ZZ

DMLV						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q.ty [cc]	Bearings	
					Bottom	Top
80	80DMLV52.2	2,2	EAN-30	1100	5307ZZ	6205ZZ
	80DMLV53.7	3,7			5307ZZ	6205ZZ
100	100DMLV55.5	5,5	EAN-40	1780	5309ZZ	6306ZZ
	100DMLV57.5	7,5			5309ZZ	6306ZZ
	100DMLV511	11	EAN-45	3380	5310ZZ	6308ZZ
	100DMLV515	15			5310ZZ	6308ZZ
	100DMLV522	22			5310ZZ	6308ZZ

DL, DL W/C						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q.ty [cc]	Bearings	
					Bottom	Top
65	65DL51.5(W/C)	1,5	A-25	920	6306ZZ	6204ZZ
80	80DL51.5(W/C)	1,5	A-30	1380	6307ZZ	6205ZZ
	80DL52.2(W/C)	2,2			6307ZZ	6205ZZ
	80DL53.7(W/C)	3,7	A-40	2500	6308ZZ	6205ZZ
	80DLC55.5	5,5			6309ZZ	6306ZZ
	80DLC57.5	7,5			6309ZZ	6306ZZ
100	100DL53.7(W/C)	3,7	A-30	1380	6308ZZ	6205ZZ
	100DLB55.5(W/C)	5,5			6308ZZ	6205ZZ
	100DLC55.5	5,5			6308ZZ	6205ZZ
	100DLB57.5(W/C)	7,5	A-40	2500	6309ZZ	6306ZZ
	100DLC57.5	7,5			6309ZZ	6306ZZ
	100DL511	11	A-45	3500	6313ZZ	6308ZZ
	100DL515	15			6313ZZ	6308ZZ
	100DL518.5	18,5			6315ZZ	6309ZZ
150	150DL55.5	5,5	A-40	2500	6309ZZ	6306ZZ
	150DL57.5	7,5			6309ZZ	6306ZZ
	150DL511	11			6313ZZ	6308ZZ
	150DL515	15	A-45	6200	6315ZZ	6309ZZ
	150DL518.5	18,5			6315ZZ	6309ZZ
	150DL522	22			6315ZZ	6309ZZ
	150DL530	30	A-60	7300	6314ZZDR	3690ZZ
	150DL537	37			6315ZZDR	6310ZZ
	150DL545	45			6315ZZDR	6310ZZ
200	200DL55.5	5,5	A-40	2500	6309ZZ	6306ZZ
	200DL57.5	7,5			6309ZZ	6306ZZ
	200DL511	11			6313ZZ	6308ZZ
	200DL515	15	A-45	6200	6315ZZ	6309ZZ
	200DL518.5	18,5			6315ZZ	6309ZZ
	200DL522	22			6315ZZ	6309ZZ
	200DL530	30	A-60	7300	6314ZZDR	3690ZZ
	200DL537	37			6315ZZDR	6310ZZ
	200DL545	45			6315ZZDR	6310ZZ
	250DL57.5	7,5	A-40	2500	6309ZZ	6306ZZ
250	250DL511	11			6313ZZ	6308ZZ
	250DL515	15			6313ZZ	6308ZZ
	250DL518.5	18,5	A-45	6200	6315ZZ	6309ZZ
	250DL522	22			6315ZZ	6309ZZ
	250DL530	30			6314ZZDR	3690ZZ
	250DL537	37	A-60	9000	6315ZZDR	6310ZZ
	250DL545	45			6315ZZDR	6310ZZ
	300DL511	11			6315ZZDR	6310ZZ
	300DL515	15	A-40	3500	6313ZZ	6308ZZ
	300DL518.5	18,5			6313ZZ	6308ZZ
300	300DL522	22			6315ZZ	6309ZZ
	300DL530	30	A-45	6200	6315ZZ	6309ZZ
	300DL537	37			6315ZZ	6309ZZ
	300DL545	45			6315ZZ	6309ZZ
	300DL511	11	A-60	9000	6315ZZDR	6310ZZ
	300DL515	15			6315ZZDR	6310ZZ
	300DL518.5	18,5			6315ZZDR	6310ZZ

DSF						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q. ty [cc]	Bearings	
					Bottom	Top
40	40DSF51,8M (150)	1.8	IEC 71	260	6304 2RS2/C3	6303 2RS1/C3
	40DSF51,1M (125)	1.1	IEC 71	260	6304 2RS2/C3	6303 2RS1/C3
	40DSF55,7 (192)	5.7	IEC 100	330	6306 2RS1/C3	6305 2RS1/C3
65	65DSF515,9 (230)	15.9	IEC 132	1900	3308A-2RS1TN9/MT33	6308 2RS

DMLF						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q. ty [cc]	Bearings	
					Bottom	Top
50	50DMLF51,1M (120)	1.1	IEC 72	240	3304 A 2RS1-TN9C3-MT33	6303 2RS1/C3
65	65DMLF51,1M (135)	1.1	IEC 71	260	6304 2RS1/C3	6303 2RS1/C3
	65DMLF51,8M (125)	1.8	IEC 71	260	3304 A 2RS1-TN9C3-MT33	6303 2RS1/C3

DMLVF						
Size	Model	Output [kW]	Mechanical Seal Type	Oil Q. ty [cc]	Bearings	
					Bottom	Top
32	32DMLVF50,5M (90)	0.5	IEC 63	160	6202 2Z C3	6200 2Z C3
50	50DMLVF51,1M (130)	1.1	IEC 71	260	6304 2RS1/C3	6303 2RS1/C3
	50DMLVF51,8M (140)	1.8	IEC 71	260	6304 2RS1/C3	6303 2RS1/C3
	50DMLVF51,8M (155)	1.8	IEC 71	260	6304 2RS1/C3	6303 2RS1/C3
	50DMLVF51,9M (109)	1.9	IEC 71	260	6304 2RS1/C3	6303 2RS1/C3
80	80DMLVF54,6 (206)	4.6	IEC 100	330	6306 2RS1/C3	6305 2RS1/C3
	80DMLVF518,2 (188)	18.2	IEC 132	1900	3308A-2RS1TN9/MT33	6308 2RS
	80DMLVF518,2 (225)	18.2	IEC 132	1900	3308A-2RS1TN9/MT33	6308 2RS
100	100DMLVF55,2 (260)	5.2	IEC 112	1900	3307A-2RS1TN9/MT33	6307 2RS1/C3
150	150DMLVF511 (360)	11	IEC 180	2850	3311 2RS	6307 2RS1/C3
	150DMLVF513,6 (400)	13.6	IEC 180	2850	3311 2RS	6307 2RS1/C3
	150DMLVF525 (340)	25	IEC 180	2850	3311 2RS	6307 2RS1/C3
	150DMLVF535,7 (360)	35.7	IEC 180	2850	3311 2RS	6307 2RS1/C3

50DS

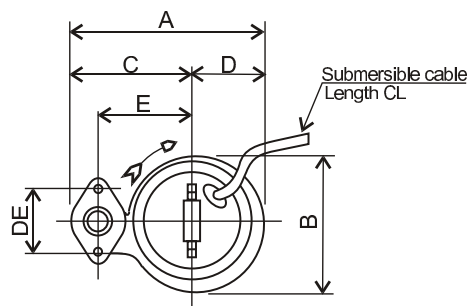
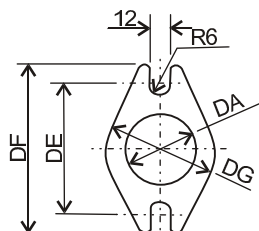
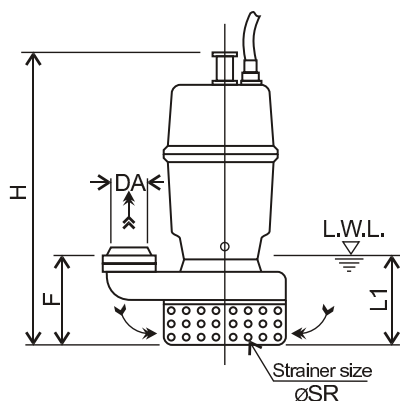
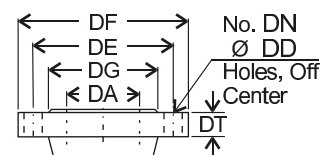


Figure 1



Oval Flange

Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	50	96	114	76	-	-	-
		125	165	99	17	4	19
	65	145	185	118	19	8	
	80	160	200	132	21		



Round Flange

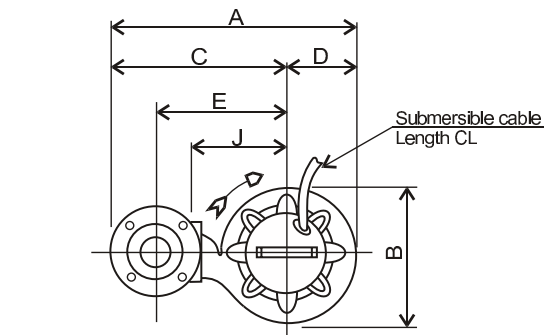
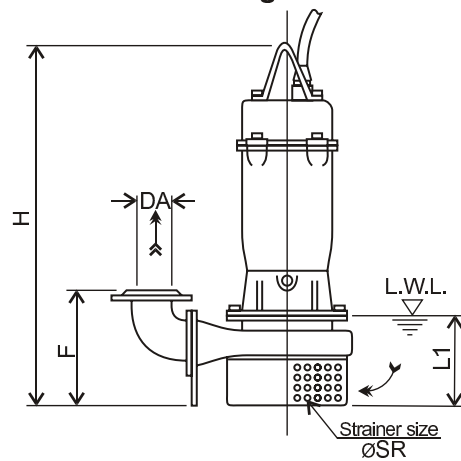


Figure 2



Dimensions [mm]																		
Size DA	Model	Fig.	Flange Type	Output [kW]	DA	A	B	C	D	E	F	H	DE	J	L1 (*)	ØSR	CL [m]	Weight [kg]
50	50DS51.5	1	Oval	1.5	G2"	266	200	168	98	130	115	450	96	-	120	10	6	25
	50DS52.2	2	Round	2.2	50	433	245	313	120	235	198	619	-	180	160		10	55
	50DS53.7			3.7													61	
65	65DS51.5			1.5	65	407	210	303	104	215	197	503	-	150	120		6	35
80	80DS52.2			2.2	80	503	268	368	135	275	215	625	-	200	160		10	10
	80DS53.7			3.7												64		
100	100DS55.5	5.5	100	615	309	460	155	355	257	730	-	250	200	13	10	92		
	100DS57.5	7.5														104		

- L.W.L (Low Water Level)

(*)

- Operation is limited to 10 minutes at L.W.L.

- Operation is limited to 30 minutes with water level below top of motor

DS with QDC (1.5÷3.7 kW)

Figure 1

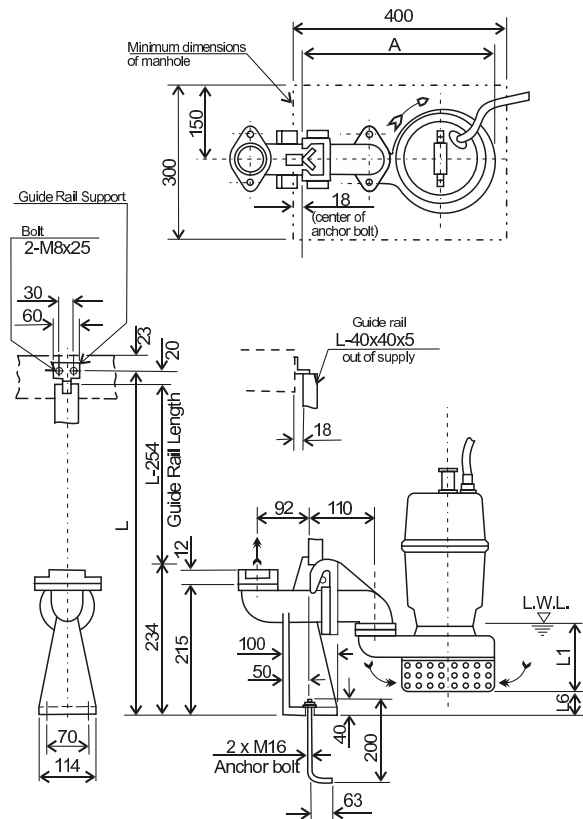
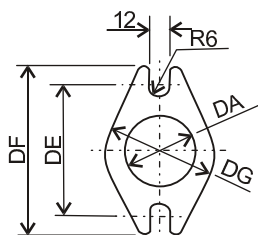
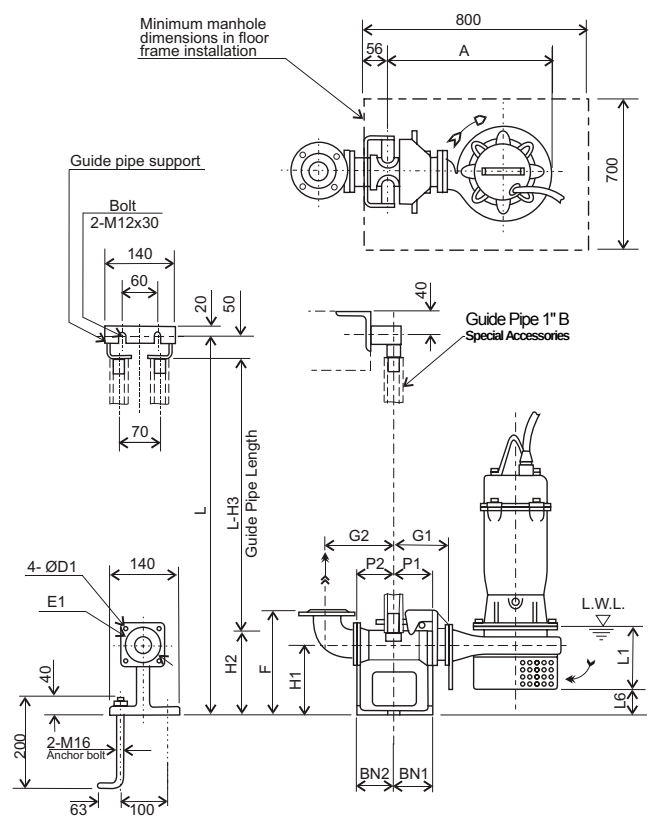
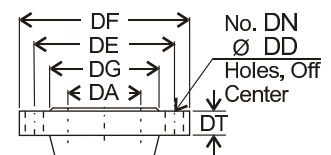


Figure 2



Oval Flange

Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Oval	50	96	114	76	-	-	-
		125	165	99	-	-	-
	65	145	185	118	17	4	19
Round	80	160	200	132	19	8	-

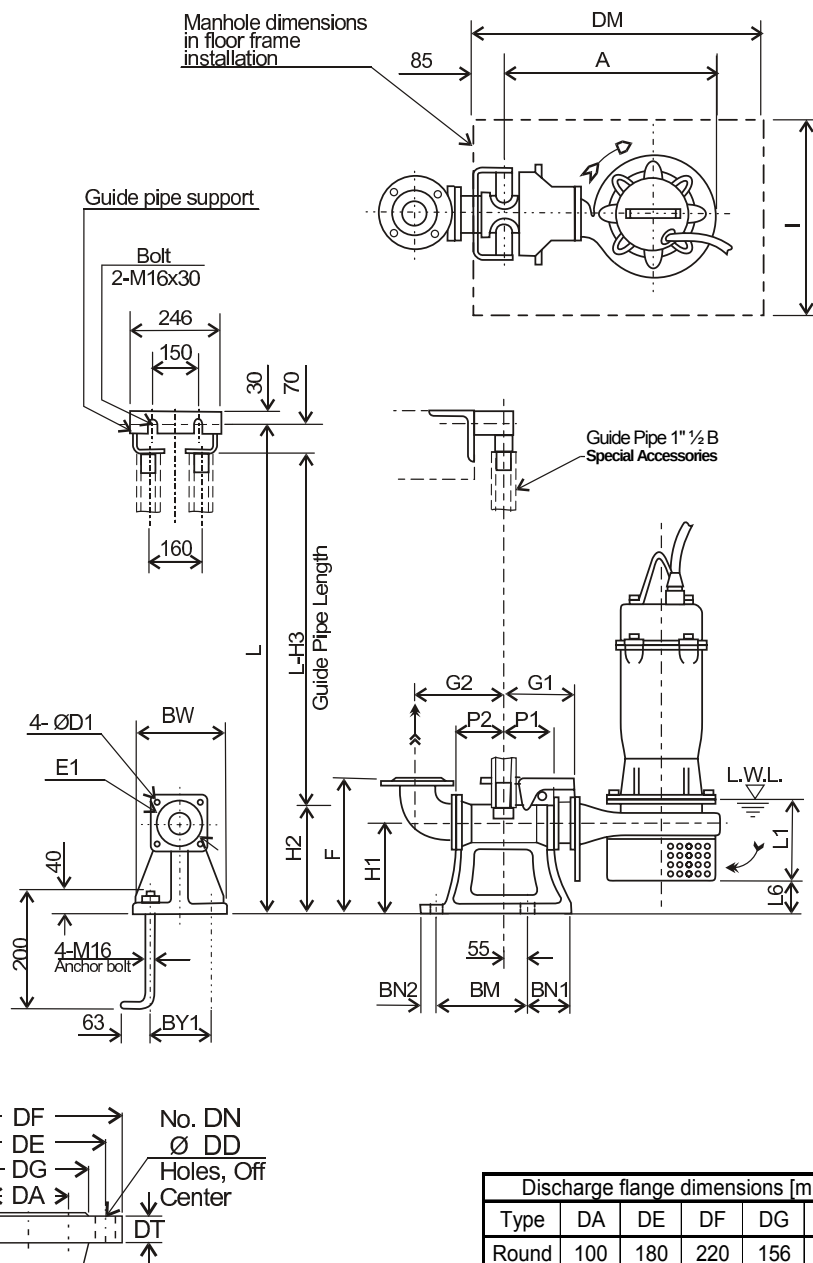


Round Flange

Dimensions [mm]																						
Size	Model	Fig.	Flange Type	Output [kW]	DA	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC Model	Weight [kg]
50	50DS51.5	1	Oval	1.5	G2"	-	-	-	-	-	-	-	-	-	120	25	-	-	-	-	LS50	9
	50DS52.2			2.2	50	415	75	80	115	135	230	135	165	215	160	32	-	80	12	120	LM50	11
	50DS53.7			3.7																		
65	65DS51.5	2	Round	1.5	65	374	75	95	120	160	250	145	190	240	120	53	75	95	12	140	LM65	14
80	80DS52.2			2.2	80	460	75	90	125	165	285	175	230	280	160	70	-	90	15	155	LM80	17
	80DS53.7			3.7																		

- (*) - L.W.L (Low Water Level)
- (*) - Operation is limited to 10 minutes at L.W.L.
- (*) - Operation is limited to 30 minutes with water level below top of motor

DS (5.5÷7.5 kW) with QDC

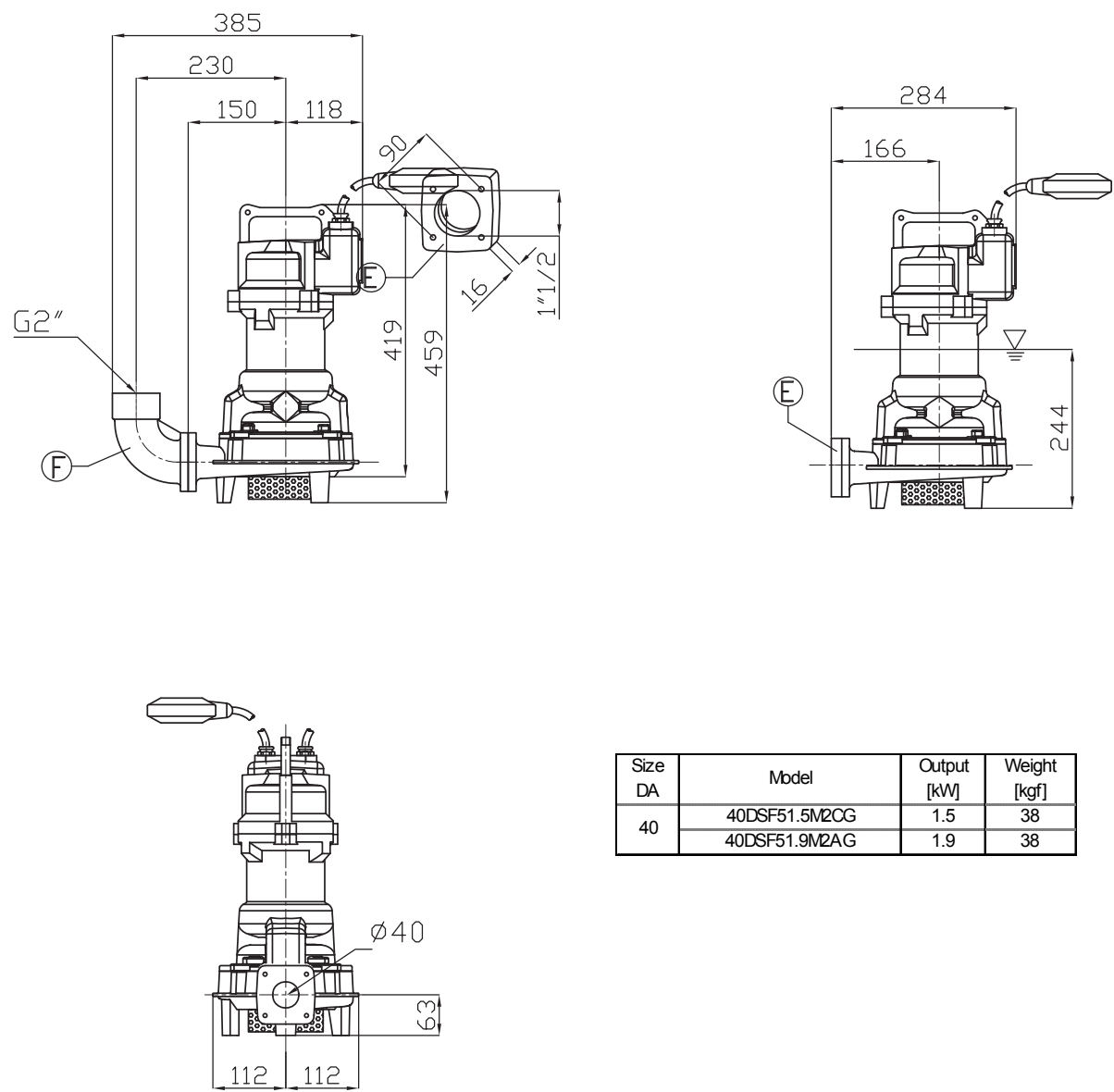


Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	100	180	220	156	21	8	19

Dimensions [mm]																							
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	BM	BY1	BW	DM	I	D1	E1	QDC Model Weight [kg]
100	100DS55.5	5.5	590	105	105	185	210	365	240	265	335	200	108	100	40	220	180	230	800	700	19	175	LL100 46
	100DS57.5	7.5																					

- (*) - L.W.L. (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

40DSF/40DSF with QDC (1.5÷1.9 kW)

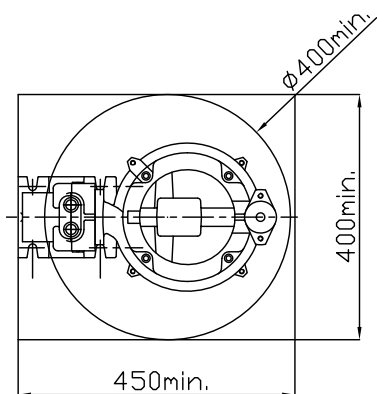
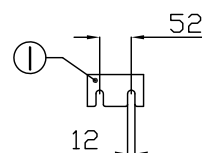
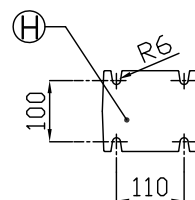
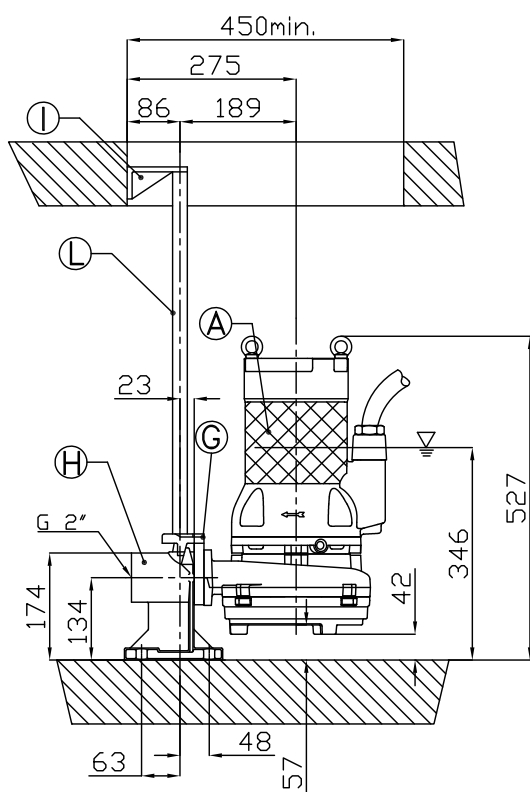


Size DA	Model	Output [kW]	Weight [kgf]
40	40DSF51.5M2CG	1.5	38
	40DSF51.9M2AG	1.9	38

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

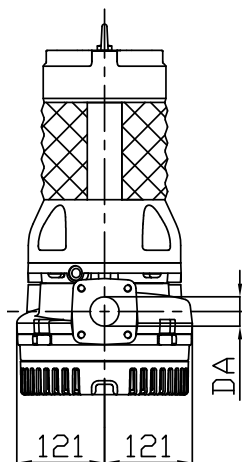
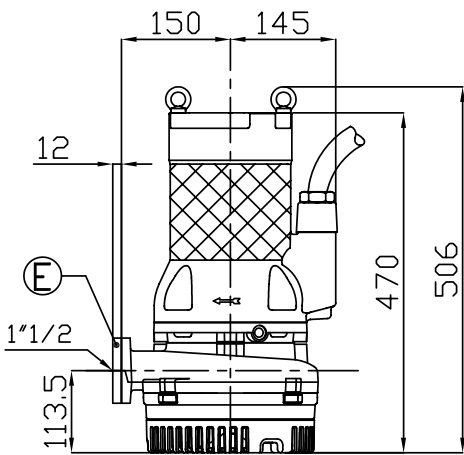
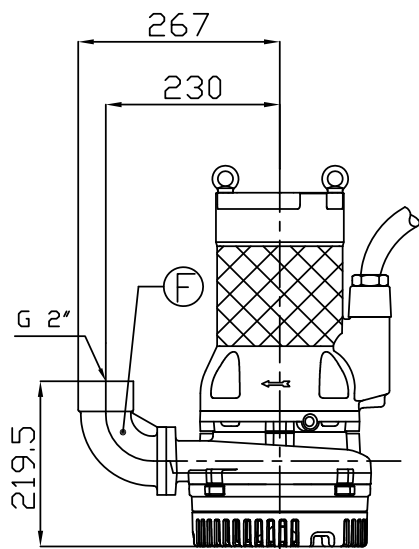


▽ LIVELLO MINIMO DI
SOMMERGIBILITA'

▽ MINIMUM
SUBMERSIBLE LEVEL

POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN50	NEOPRENE	-
E	THREADED FLANGE 1" 1/2	G250 CAST-IRON	1
F	THREADED ELBOW 90° 2"	G250 CAST-IRON	3
G	DOUBLE GUIDE RAIL COUPLING FEET DN50	G250 CAST IRON	1.5
H	DOUBLE GUIDE CUOPLING FEET DN50	G250 CAST-IRON	6
I	DOUBLE GUIDE RAIL UPPER SUPPORT 3/4	G250 CAST-IRON	1.1
L	GUIDE RAIL 3/4"	GALVANIZED STEEL	-

40DSF/40DSF with QDC (6.0 kW)



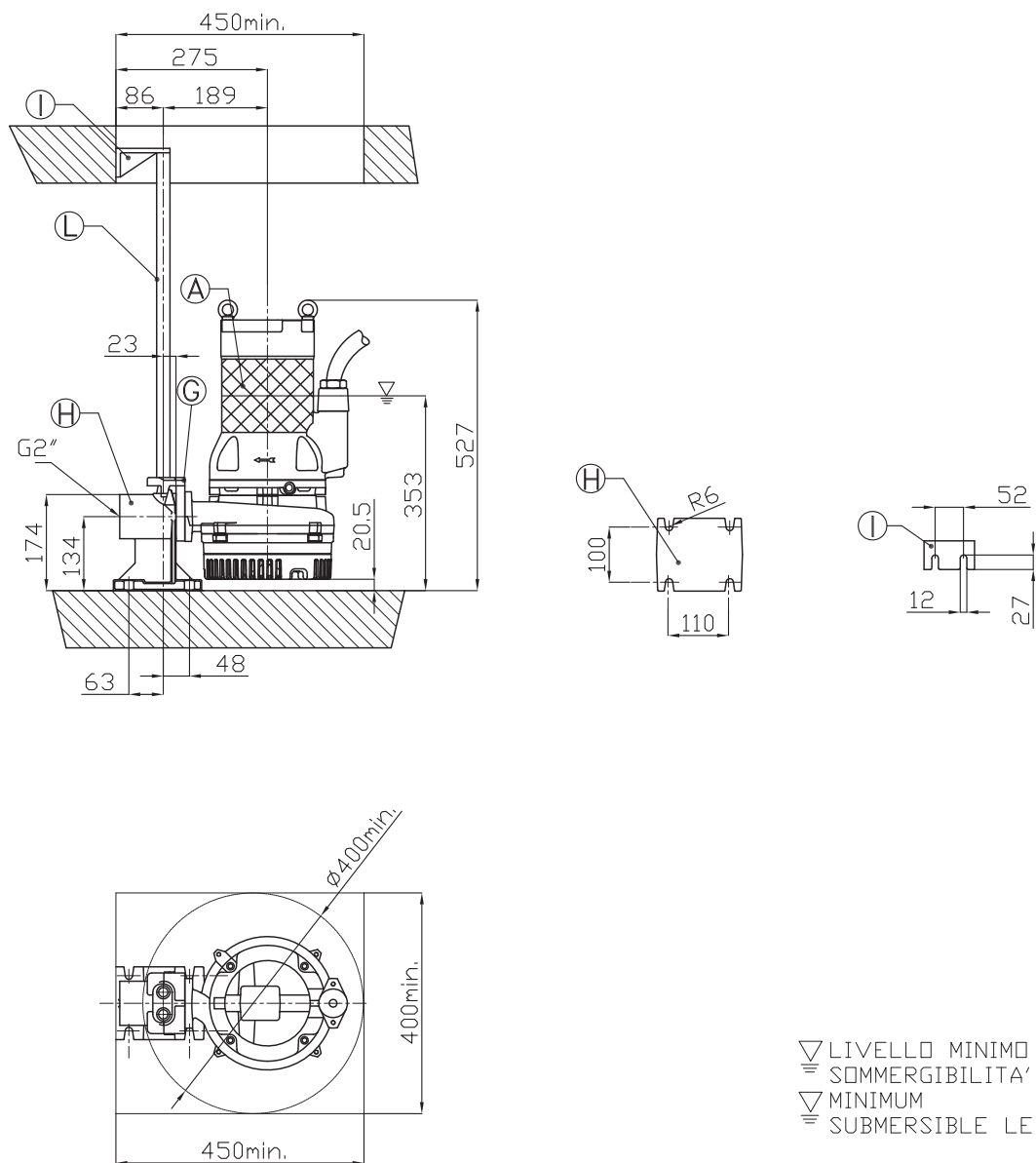
Size DA	Model	Output [kW]	Weight [kgf]
40	40DSF56T2AG	6	68

D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E



POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN50	NEOPRENE	-
E	THREADED FLANGE 1" 1/2	G250 CAST-IRON	1
F	THREADED ELBOW 90° 2"	G250 CAST-IRON	3
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN50	G250 CAST IRON	1.5
H	DOUBLE GUIDE CUOPLING FEET DN50	G250 CAST-IRON	6
I	DOUBLE GUIDE RAIL UPPER SUPPORT 3/4	G250 CAST-IRON	1.1
L	GUIDE RAIL 3/4"	GALVANIZED STEEL	-

DVS

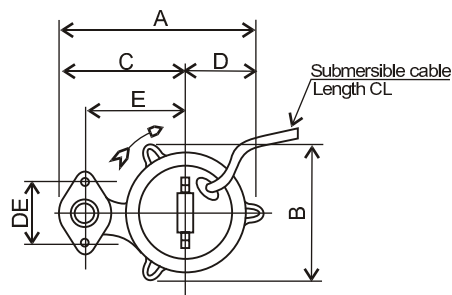


Figure 1

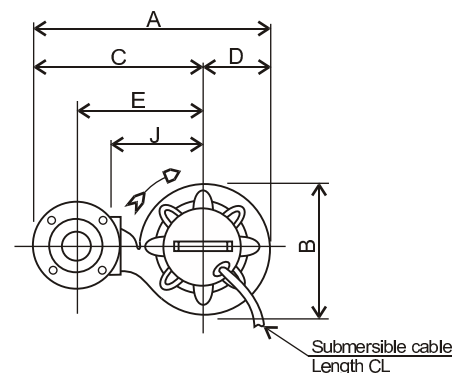
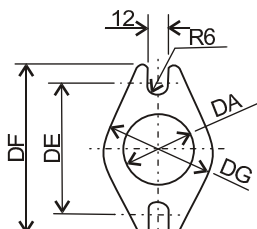
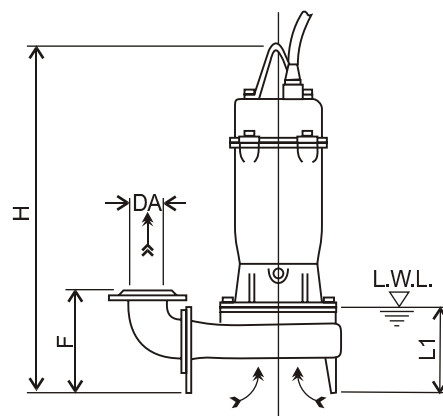
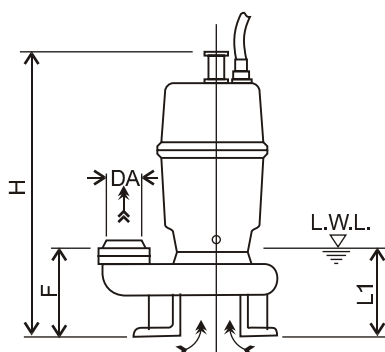
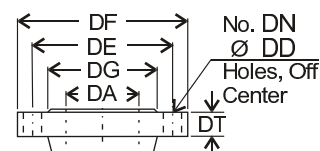


Figure 2



Oval Flange

Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Oval	50	96	114	76	-	-	-
Round	65	145	185	118	17	4	19
	80	160	200	132	19	8	



Round Flange

Dimensions [mm]																	
Size DA	Model	Fig.	Flange Type	Output [kW]	DA	A	B	C	D	E	F	H	DE	J	L1 (*)	CL [m]	Weight [kg]
50	50DVS51.5	1	Oval	1.5	G2"	249	171	163	86	125	82	439	96	-	105	6	27
65	65DVS51.5	2	Round	1.5	65	396	195	298	98	210	178	519	-	145	125		10
	2.2			427		227	313	114	225	201	643	160		155	50		
	3.7				59												
80	80DVS51.5			1.5	80	411	195	328	98	220	183	519		-	145	125	6
	80DVS52.2	2.2	442	227		114	235		206	643	160	155	10		51		
	80DVS53.7	3.7			60												

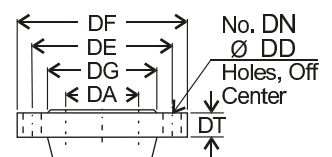
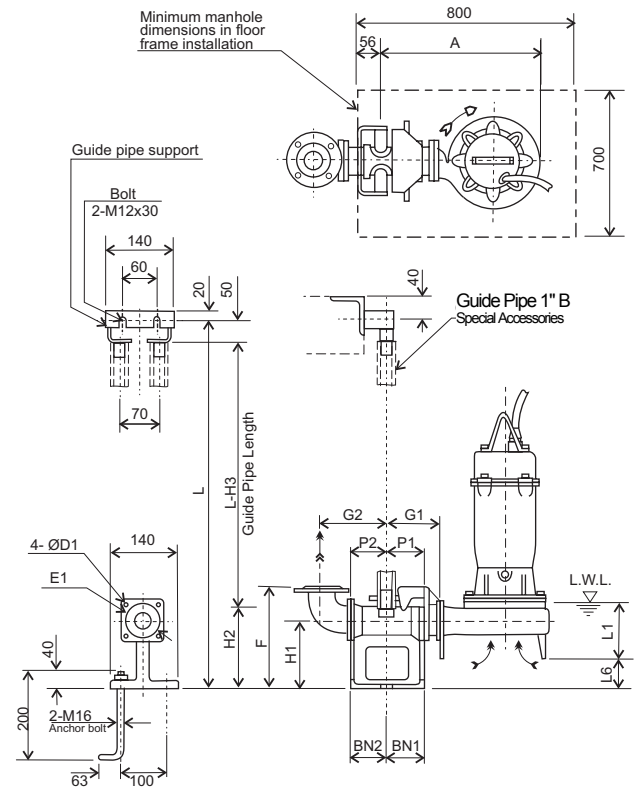
- (*)
- L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

D SERIES

50 Hz

DVS with QDC

Figure 2



Round Flange

Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Oval	50	96	114	76	-	-	-
Round	65	145	185	118	17	4	19
	80	160	200	132	19	8	

Dimensions [mm]																					
Size DA	Model	Fig.	Flange Type	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC	
																				Model	Weight [kg]
50	50DVS51.5	1	Oval	1.5	311	-	-	-	-	-	-	-	-	105	58	-	-	-	-	LS50	9
65	65DVS51.5	2	Round	1.5	363	75	95	120	160	250	145	190	240	125	72	75	95	12	140	LM65	14
	65DVS52.2			2.2	394									155	49						
	65DVS53.7			3.7										125	72						
	80DVS51.5			1.5	363									125	72						
80	80DVS52.2			2.2	394				170	255	145			155	49						
	80DVS53.7			3.7										155	49						

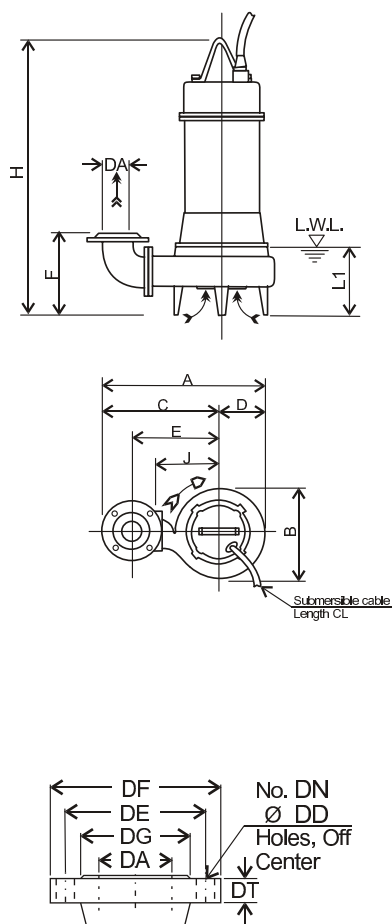
- 407

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

DL



Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	65	145	185	118	17	4	19
	80	160	200	132	19	8	
	100	180	220	156	21		
	150	240	285	211	23		
	200	295	340	266	25		12
	250	350	395	319	25		
	300	400	445	370	24		

Dimensions [mm]														
Size DA	Model	Output [kW]	A	B	C	D	E	F	H	J	L1 (*)	CL [m]	Weight [kg]	
65	65DL51.5	1.5	497	291	353	144	265	200	576	200	140	10	52	
80	80DL51.5	1.5	524	292	378	146	285	220	597	210	165		55	
	80DL52.2	2.2	542	308	388	154	295		654	220			67	
	80DL53.7	3.7	567	328	403	164	310		687	235			75	
	80DLC55.5	5.5	618	379	428	190	335		307	753			260	134
	80DLC57.5	7.5	648	399	448	200	355		305	751			280	148
100	100DL53.7	3.7	614	335	445	169	340	250	706	235	185		79	
	100DLB55.5	5.5	646	369	460	186	355	323	768	250	205		123	
	100DLC55.5	5.5	660	379	470	190	365	322	753	260			134	
	100DLB57.5	7.5	673	385	480	193	375	323	760	270			141	
	100DLC57.5	7.5	690	399	490	200	385	320	751	280			148	
	100DL511	11	701	402	500	201	395	323	859	290			180	
	100DL515	15	741	441	520	221	415	330	954	310			230	
	100DL518.5	18.5							958				285	
150	150DL55.5	5.5							750				398	550
	150DL57.5	7.5	780	418	570	210	430	377	784	300	158			
	150DL511	11	810	438	590	220	450		883	320	199			
	150DL515	15							972		237			
	150DL518.5	18.5	848	476	610	238	470	381	979	340	300			
	150DL522	22							1284	486	325			
	150DL530	30	912	520	650	262	510	468	1404		360		350	
	150DL537	37							1404				494	350
	150DL545	45							1404	350				
200	200DL55.5	5.5	832	430	615	217	450	414	826	300	285		160	
	200DL57.5	7.5	863	453	635	228	470	410	809	320			176	
	200DL511	11							908				212	
	200DL515	15	896	479	655	241	490	411	995	340			260	
	200DL518.5	18.5	932	512	675	257	510	415	1001	360			305	
	200DL522	22							1284		486	330		
	200DL530	30	937	520	675	262	510	483	1404	360	350			
	200DL537	37							1404		494	370		
	200DL545	45							1404		370			
250	250DL57.5	7.5	969	525	700	269	500	622	904	370	400	260		
	250DL511	11	993	541	720	273	520	634	1000	390		320		
	250DL515	15	1007	549	730	277	530	646	1086	400		380		
	250DL518.5	18.5							1089			420		
	250DL522	22							1336			538	440	
	250DL530	30	1125	660	790	335	590	706	1475	460	458			
	250DL537	37							1475		522			
	250DL545	45							1475		540			
300	300DL511	11	1100	588	798	302	575	671	1050	420	450	365		
	300DL515	15							1131			395		
	300DL518.5	18.5	1135	618	818	317	595	668	1131	440		440		
	300DL522	22							1336			465		
	300DL530	30	1172	660	838	335	615	726	1336	460	538			
	300DL537	37							1475		522			
	300DL545	45							1475		540			

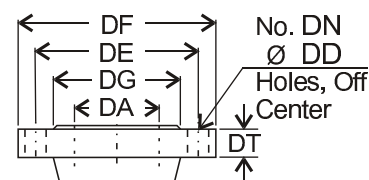
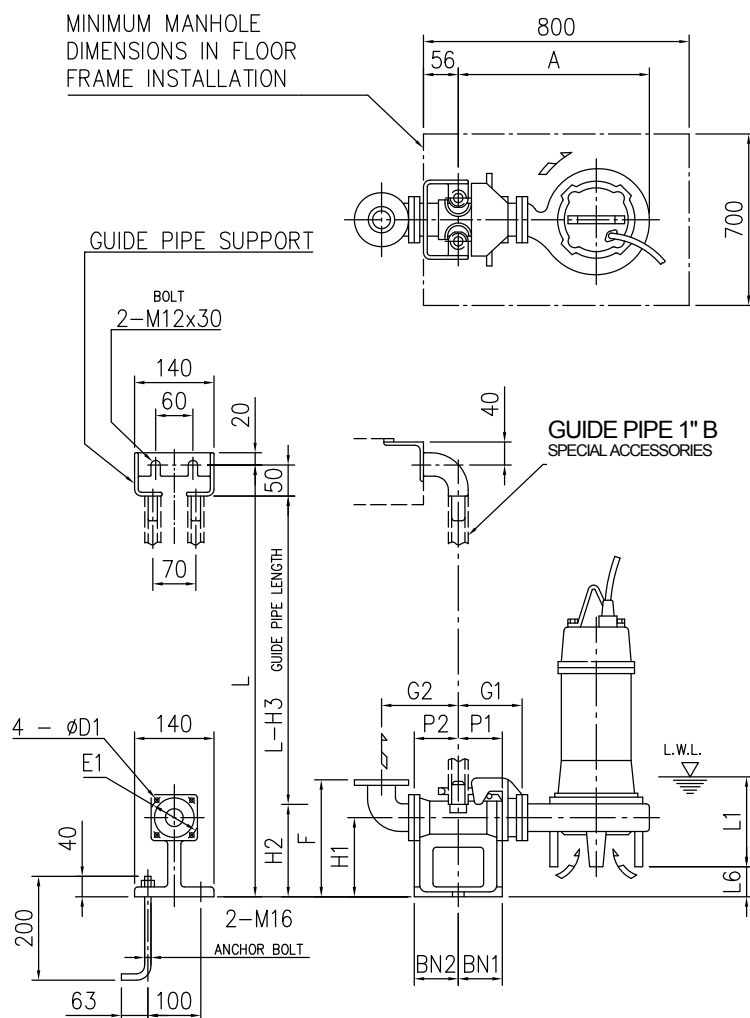
(*) -L.W.L (Low Water Level)
 -Operation is limited to 10 minutes at L.W.L.
 -Operation is limited to 30 minutes with water level below top of motor

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

65DL, 80DL (1.5÷3.7 kW) with QDC

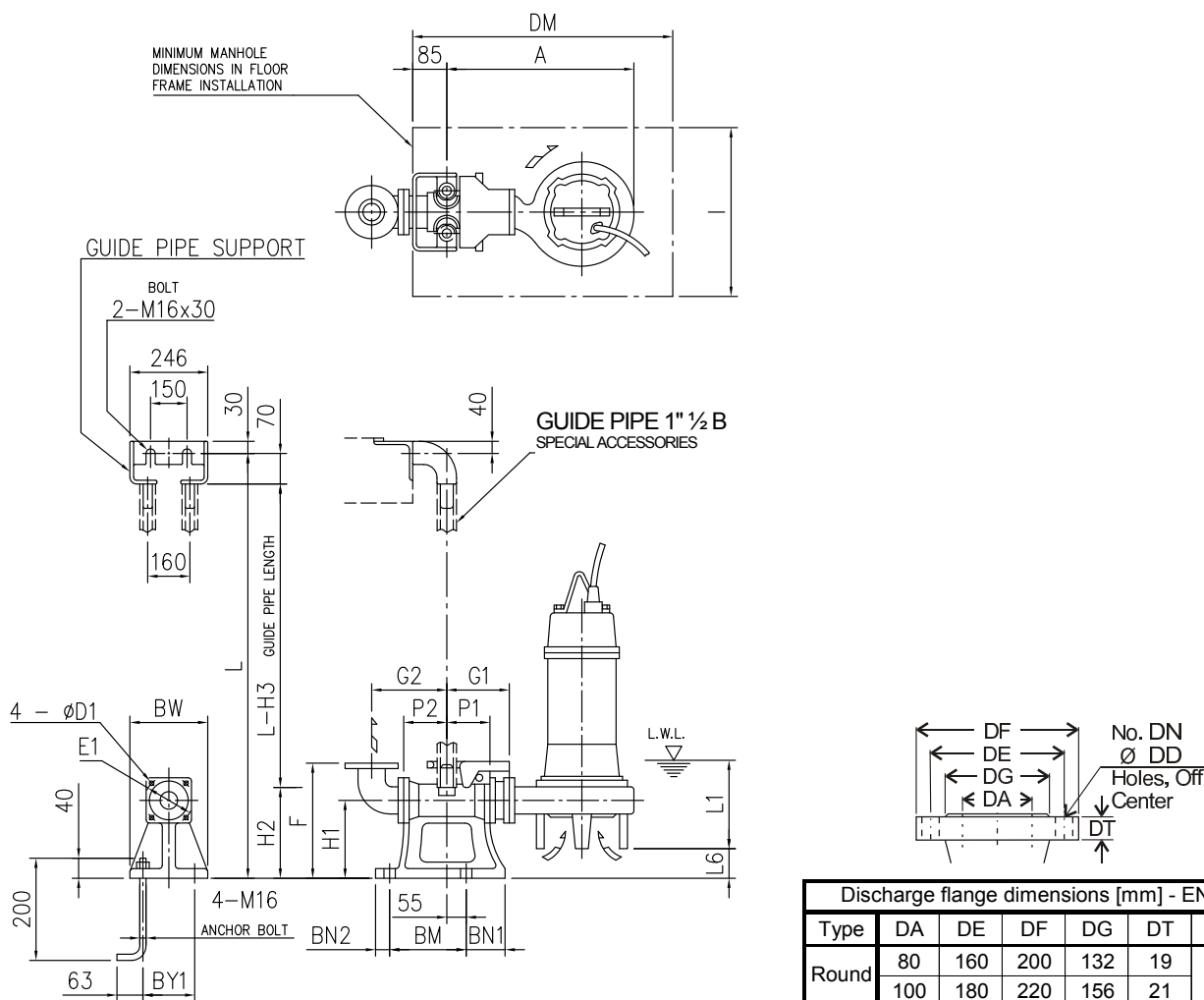


Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	65	145	185	118	17	4	19
	80	160	200	132	19	8	

Dimensions [mm]																			
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC	
																		Model	Weight [kg]
65	65DL51.5	1.5	464	75	95	120	160	250	145	190	240	140	50	75	95	12	140	LM65	14
80	80DL51.5	1.5	481		90	125	165	285	175	230	280	165	65		90	15	155	LM80	17
	80DL52.2	2.2	499																
	80DL53.7	3.7	524																

- (*) - L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

80DL (5.5÷7.5), 100DL with QDC



Dimensions [mm]																							
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	BM	BY1	BW	DM	I	D1	E1	QDC Model Weight [kg]
80	80DLC55.5	5.5	635		120		195	350		255	325	205	43								15	155	LL80 44
	80DLC57.5	7.5	665										45										
100	100DL53.7	3.7	589	105	105	185	210	365	240	265	335	185	115	100	40	220	180	230	800	700	19	175	LL100 46
	100DLB55.5	5.5	621										42										
	100DLC55.5	5.5	635										43								15	155	LL80 44
	100DLB57.5	7.5	648										42								19	175	LL100 46
	100DLC57.5	7.5	665										45								15	155	LL80 44
	100DL511	11	676										42										
	100DL515	15																			19	175	LL100 46
	100DL518.5	18.5											35										

- (*) - L.W.L. (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

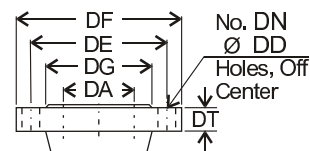
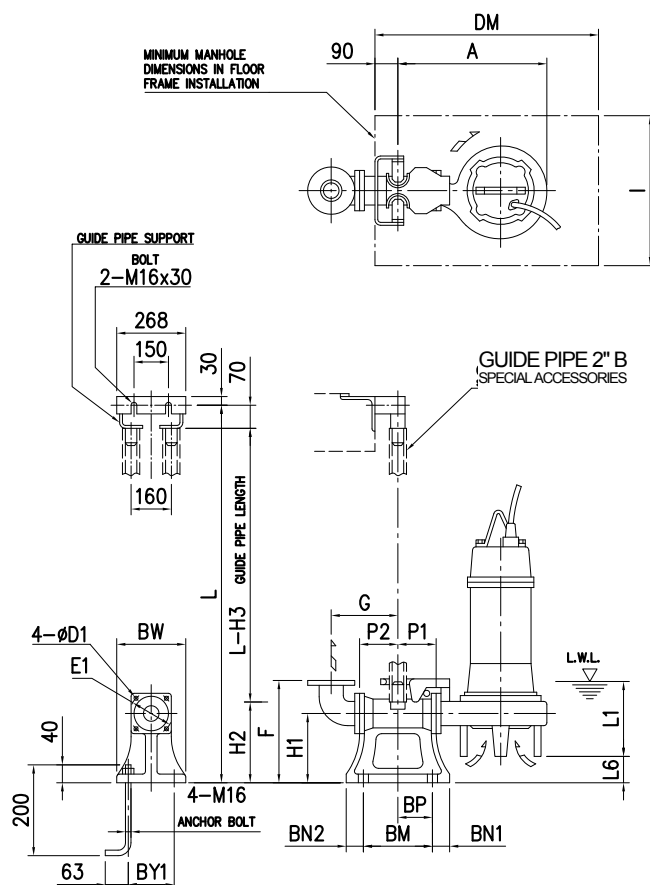
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

150DL, 200DL with QDC



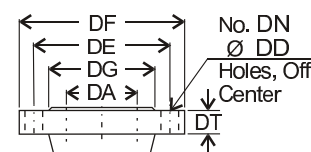
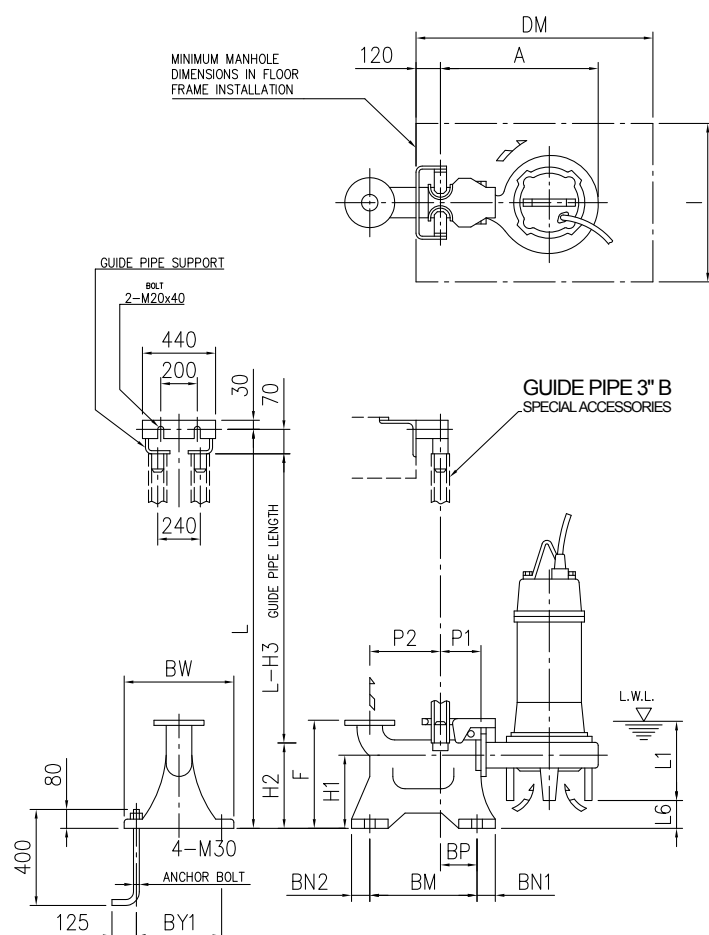
Discharge flange dimensions [mm] - EN 1092-2

Type	DA	DE	DF	DG	DT	DN	DD
Round	150	240	285	211	23	8	23
	200	295	340	266			

Dimensions [mm]																								
Size DA	Model	Output	A	P1	P2	G	F	H1	H2	H3	L1	L6	BN1	BN2	BM	BP	BY1	BW	DM	I	D1	E1	QDC	
		[kW]									(*)												Model	Weight [kg]
150	150DL55.5	5.5	635	155	195	325	450	290	362	432	245	69	60	60	370	165	280	330	1000	700	210	LL125	65	
	150DL57.5	7.5	665									73												
	150DL511	11	695									73												
	150DL515	15																						
	150DL518.5	18.5	733									69												
	150DL522	22																						
	150DL530	30	777									288												210
	150DL537	37																						
150DL545	45																							
200	200DL55.5	5.5	672		205	355	495	320	405	475	285	81	60	60	390	170	300	350	1100	800	250	LL150	80	
	200DL57.5	7.5	703									85												
	200DL511	11	736									84												
	200DL515	15																						
	200DL518.5	18.5	772									80												
	200DL522	22																						
	200DL530	30	777	288								210												
	200DL537	37																						
200DL545	45																							

- (*)
- L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

250DL, 300DL with QDC



Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	250	350	395	319	25	12	23
	300	400	445	370	24		

Dimensions [mm]																						
Size DA	Model	Output [kW]	A	P1	P2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	BM	BP	BY1	BW	DM	I	QDC		
																				Model	Weight [kg]	
250	250DL57.5	7.5	834	195	435	700	350	440	510	400	58	70	70	650		500	560		1200	900	LL250	150
	250DL511	11	858								46											
	250DL515	15	872								34											
	250DL518.5	18.5																				
	250DL522	22	990		970			292	300	215				640								
	250DL530	30														319						
	250DL537	37																				
	250DL545	45																				
300	300DL511	11	917	195	465	800	430	550	620	450	109	70	70	680		580	640		1200	900	LL300	200
	300DL515	15	112																			
	300DL518.5	18.5									952											
	300DL522	22	990																			
	300DL530	30			319																	
	300DL537	37																				
	300DL545	45																				

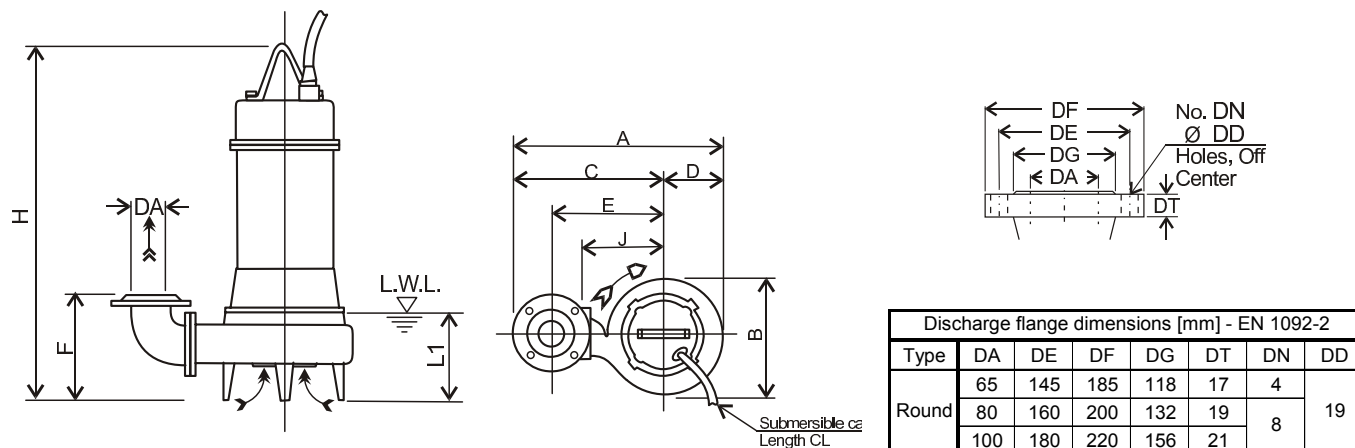
- (*) - L.W.L (Low Water Level)
 (*) - Operation is limited to 10 minutes at L.W.L.
 (*) - Operation is limited to 30 minutes with water level below top of motor

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

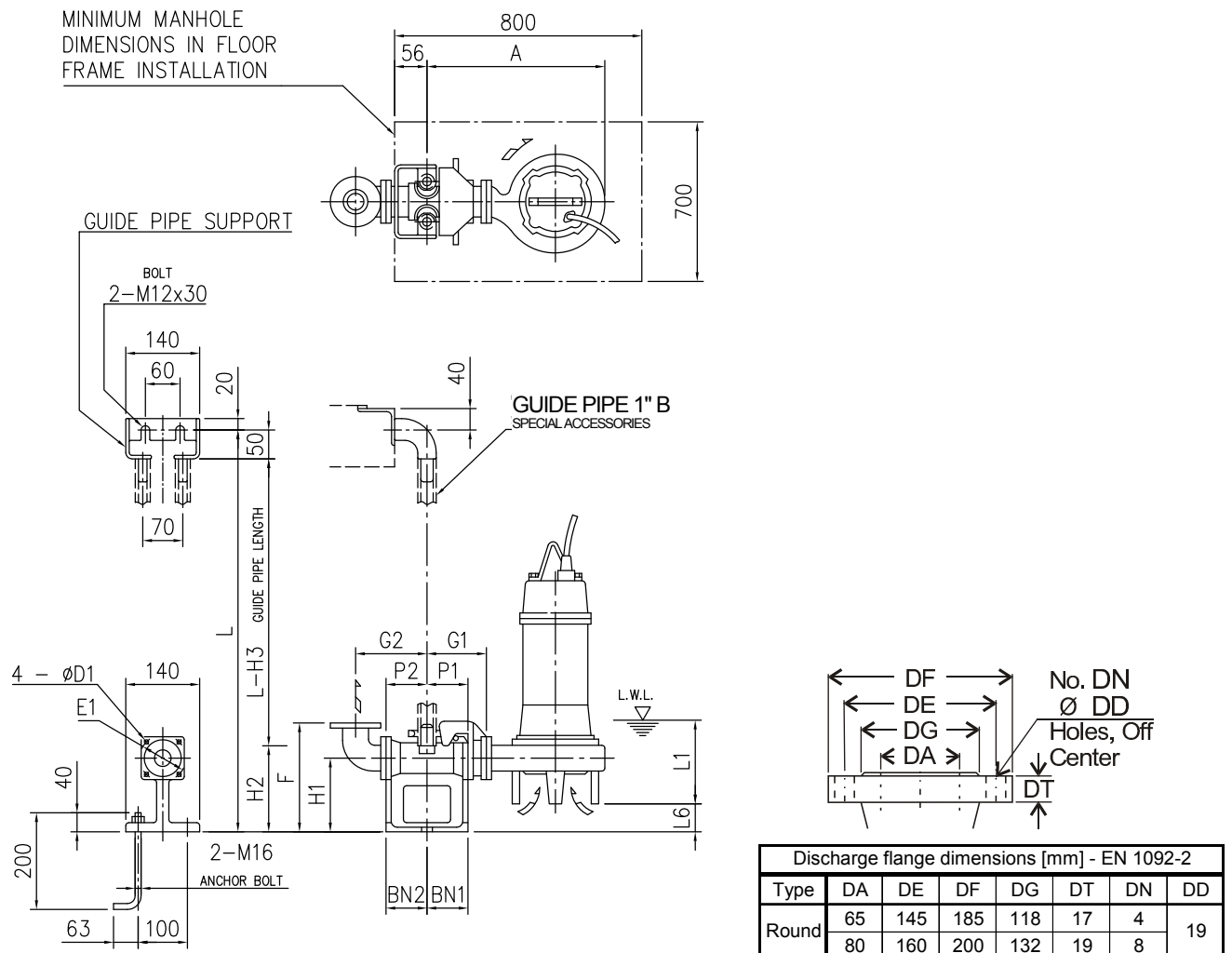
DL W/C



Dimensions [mm]													
Size DA	Model	Output [kW]	A	B	C	D	E	F	H	J	L1 (*)	CL [m]	Weight [kg]
65	65DL51.5W/C	1.5	497	291	353	144	265	200	576	200	140	10	52
80	80DL51.5W/C	1.5	524	292	378	146	285	220	597	210	165		55
	80DL52.2W/C	2.2	542	308	388	154	295		654	220			67
	80DL53.7W/C	3.7	567	328	403	164	310		687	235			75
100	100DL53.7W/C	3.7	614	335	445	169	340	250	706	185	79		
	100DLB55.5W/C	5.5	646	369	460	186	355	323	768	250	205		123
	100DLB57.5W/C	7.5	673	385	480	193	375		760	270			141

- (*)
- L.W.L. (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

65DL W/C, 80DL W/C (1.5÷3.7 kW) with QDC



Dimensions [mm]																			
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC	
65	65DL51.5W/C	1.5	464	75	95	120	160	250	145	190	240	140	50	75	95	12	140	LM65	14
	80DL51.5W/C	1.5	481																
80	80DL52.2W/C	2.2	499		90	125	165	285	175	230	280	165	65		90	15	155	LM80	17
	80DL53.7W/C	3.7	524																

- L.W.L (Low Water Level)

(*)

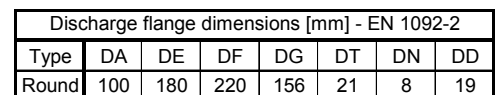
- Operation is limited to 10 minutes at L.W.L.

- Operation is limited to 30 minutes with water level below top of motor

D SERIES

50 Hz

100DL W/C with QDC

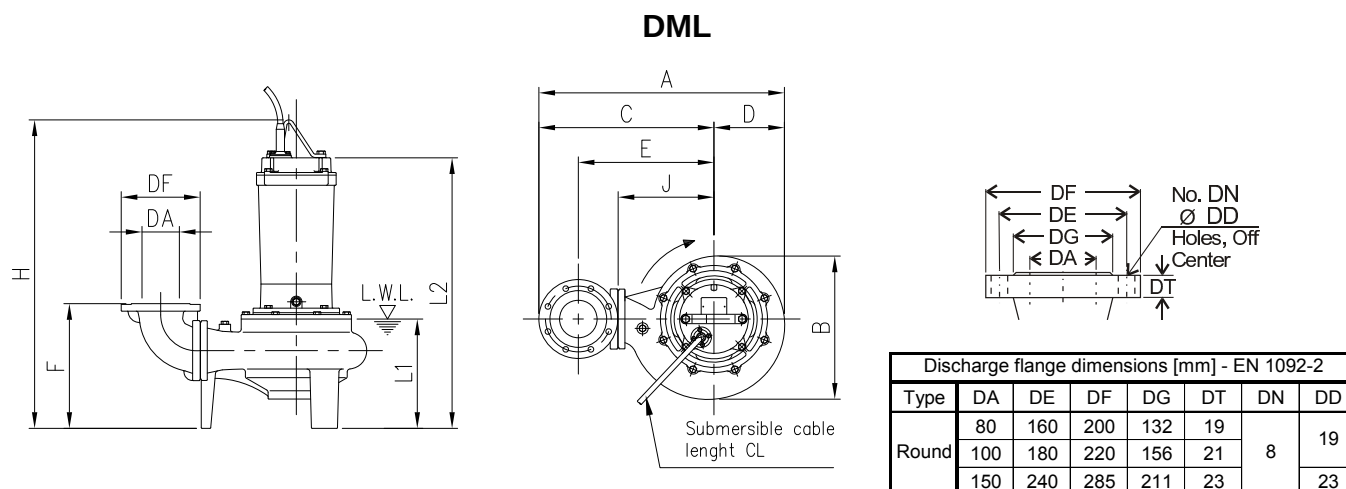


(*) - L.W.L (Low Water Level)
- Operation is limited to 10 minutes at L.W.L.
- Operation is limited to 30 minutes with water level below top of motor

DIMENSIONS AND WEIGHT

50 Hz

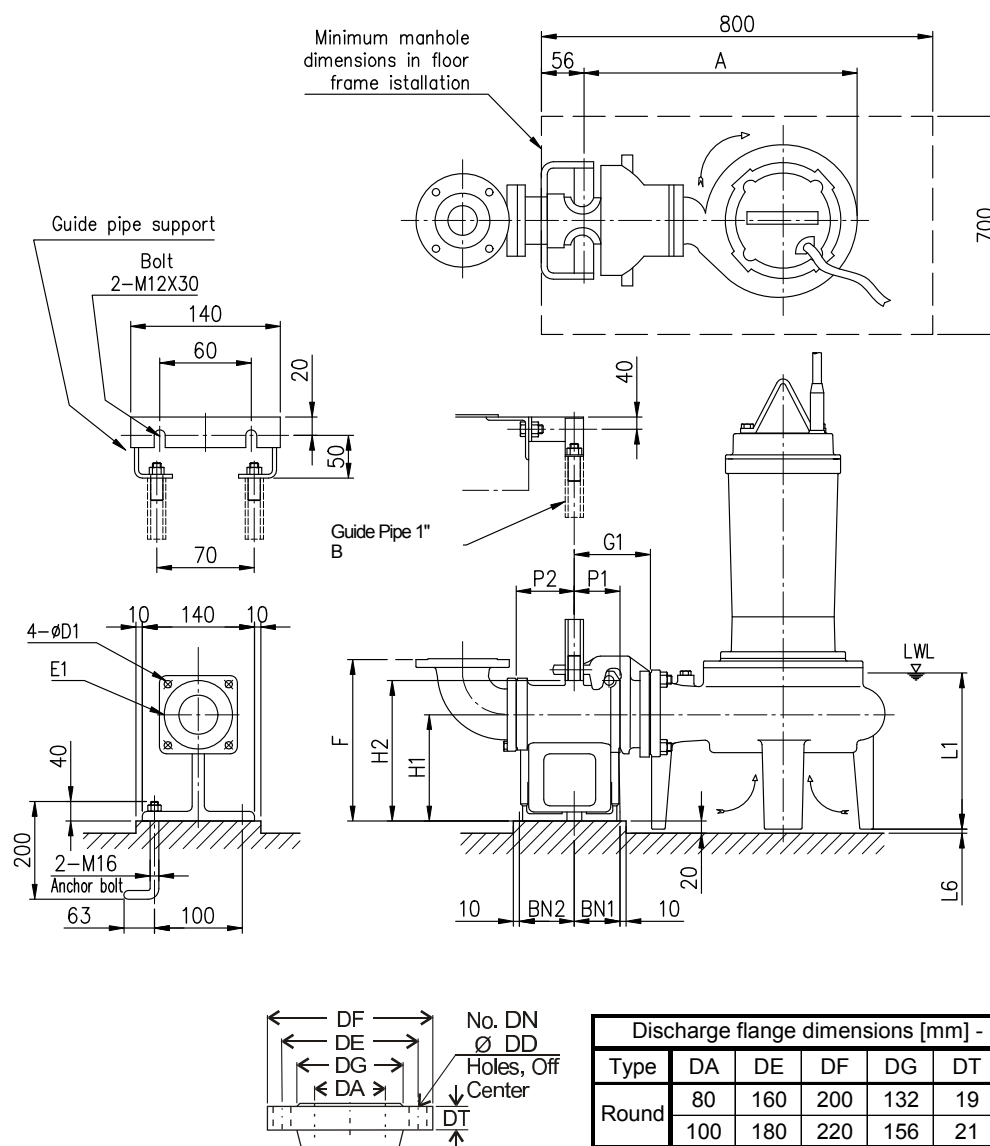
Rev. E



Dimensions [mm]																							
Size DA	Model	Output [kW]	A	B	C	D	E	F	H	J	L1 (*)	L2	CL [m]	Weight [kg]									
80	80DML52.2	2.2	542	320	385	157	285	308	668	210	279	547	10	80									
	80DML53.7	3.7							727			87											
100	100DML53.7	3.7	582	381	425	188	360	339	824	255	310	724		89									
	100DML55.5	5.5	658		470									188	360	339	824	255	310	724	121		
	100DML57.5	7.5		125																			
	100DML511	11		751		455	530	221	420	355	938	315									329	778	160
	100DML515	15																					166
	100DML522	22		795		497	550	245	440	358	1021	335	342								841	226	
150	150DML55.5	5.5	715.5	381	527.5	188	385	369	824	255	310	724	127										
	150DML57.5	7.5											132										
	150DML511	11	808.5	455	587.5	221	445	385	938	315	329	778	166										
	150DML515	15											172										
	150DML522	22	852.5	497	607.5	245	465	388	1021	335	342	841	232										

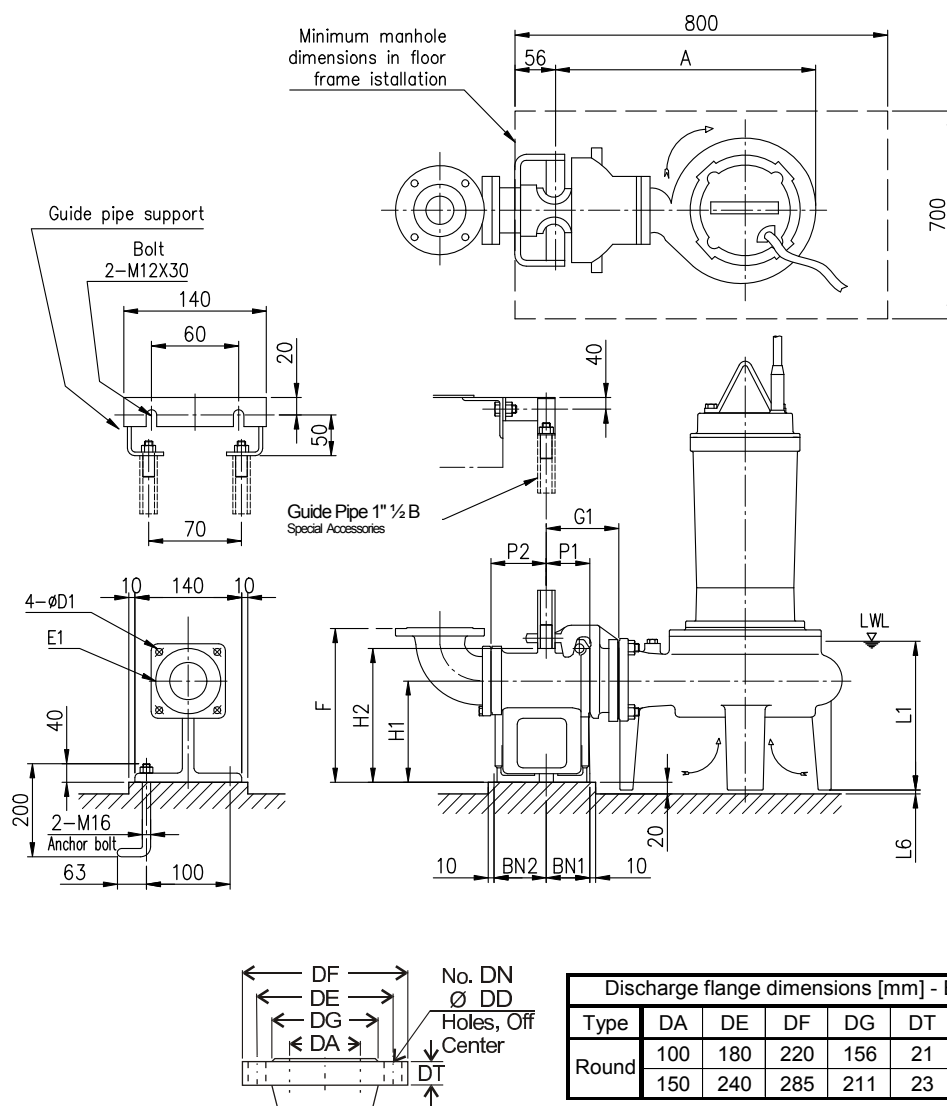
- (*)
- L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

80DML, 100DML (3.7 kW) with QDC



Dimensions [mm]																	
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	L1 (*)	L6	BN1	BN2	D1	E1	QDC Model Weight [kg]
80	80DML52.2	2.2	492	75	90	125	165	295	175	230	279	7	75	90	15	155	LM80
	80DML53.7	3.7					195	300									
100	100DML53.7	3.7															

- (*)
- L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

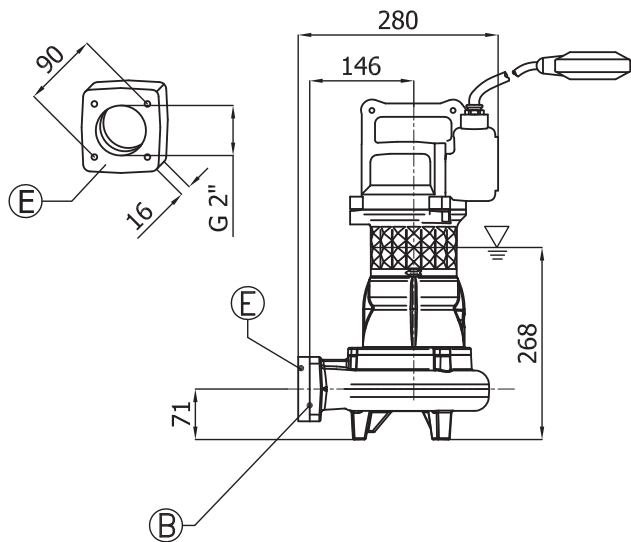
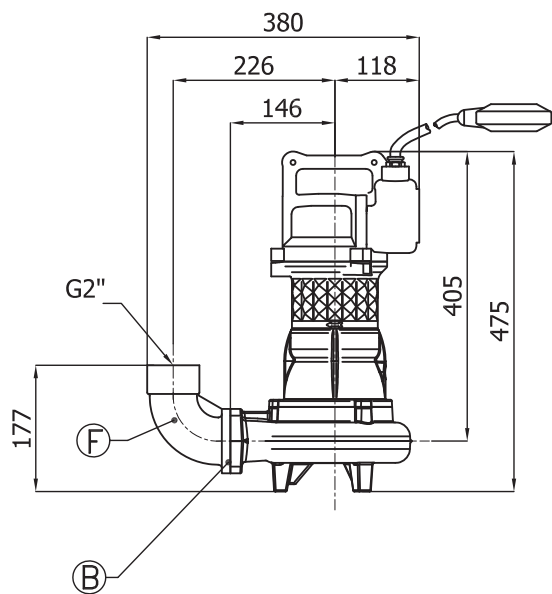
100DML (5.5÷22 kW), 150DML with QDC

Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	100	180	220	156	21	8	19
	150	240	285	211	23		23

Dimensions [mm]																												
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	L1 (*)	L6	BN1	BN2	BM	BY1	BW	DM	I	D1	E1	QDC Model	Weight [kg]					
100	100DML55.5	5.5	628	105	105	185	210	370	240	265	310	31	100	40	220	180	230	800	700	19	175	LL100	46kg					
	100DML57.5	7.5																										
	100DML511	11	721								329	15																
	100DML515	15																1000										
	100DML522	22	765																									
150	150DML55.5	5.5	628				105	105			185	235	400	240	265	310	31	100	40	220	180	230	800	700	19	175	LL100	46kg
	150DML57.5	7.5																										
	150DML511	11	721													329	15											
	150DML515	15																					1000					
	150DML522	22	765																									

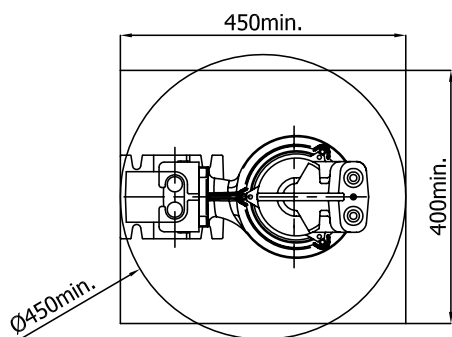
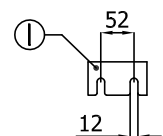
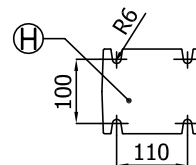
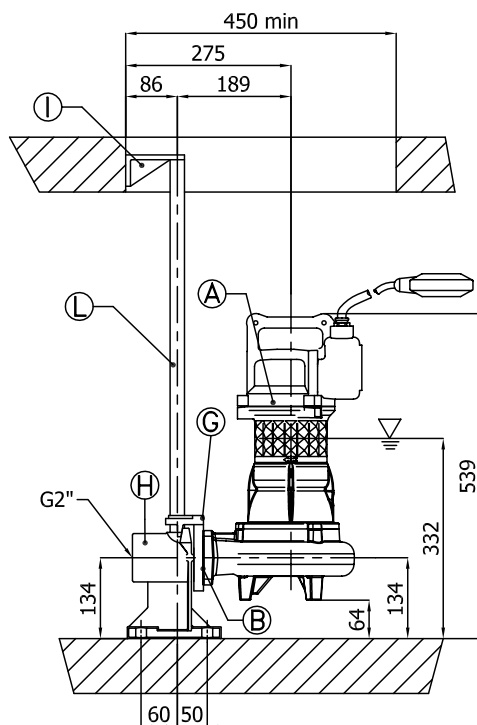
- (*)
- L.W.L. (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

50DMLF/50DMLF with QDC (1.4 kW)



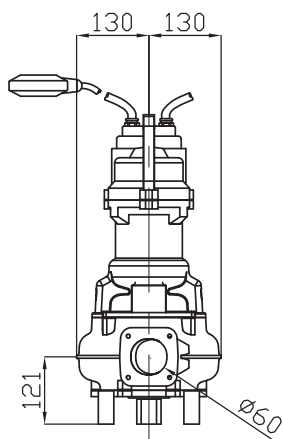
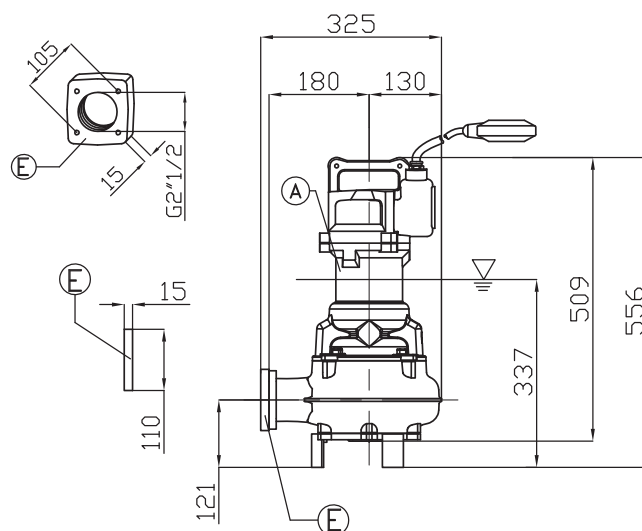
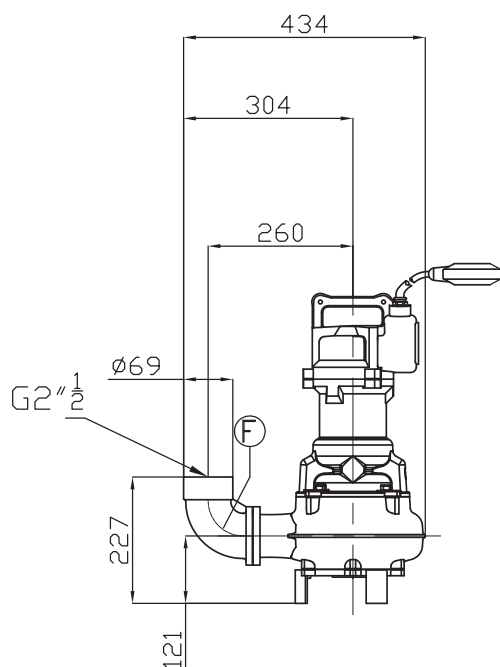
Size DA	Model	Output [kW]	Weight [kgf]
50	50DMLF51.4M2BG	1,4	31

▽ LIVELLO MINIMO DI
SOMMERGIBILITA'
▽ MINIMUM SUBMERSIBLE LEVEL



▽ LIVELLO MINIMO DI
SOMMERGIBILITA'
▽ MINIMUM
SUBMERSIBLE LEVEL

POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN50	NEOPRENE	-
E	THREADED FLANGE 2"	G250 CAST-IRON	1
F	THREADED ELBOW 90° 2"	G250 CAST-IRON	3
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN50	G250 CAST IRON	1.5
H	DOUBLE GUIDE CUOPLING FEET DN50	G250 CAST-IRON	6
I	DOUBLE GUIDE RAIL UPPER SUPPORT 3/4	G250 CAST-IRON	1.1
L	GUIDE RAIL 3/4"	GALVANIZED STEEL	-

65DMLF/65DMLF with QDC (1.5÷1.9 kW)

Size DA	Model	Output [kW]	Weight [kgf]
65	65DMLF51.5M2AG	1,5	42
	65DMLF51.9M2BG	1,9	45

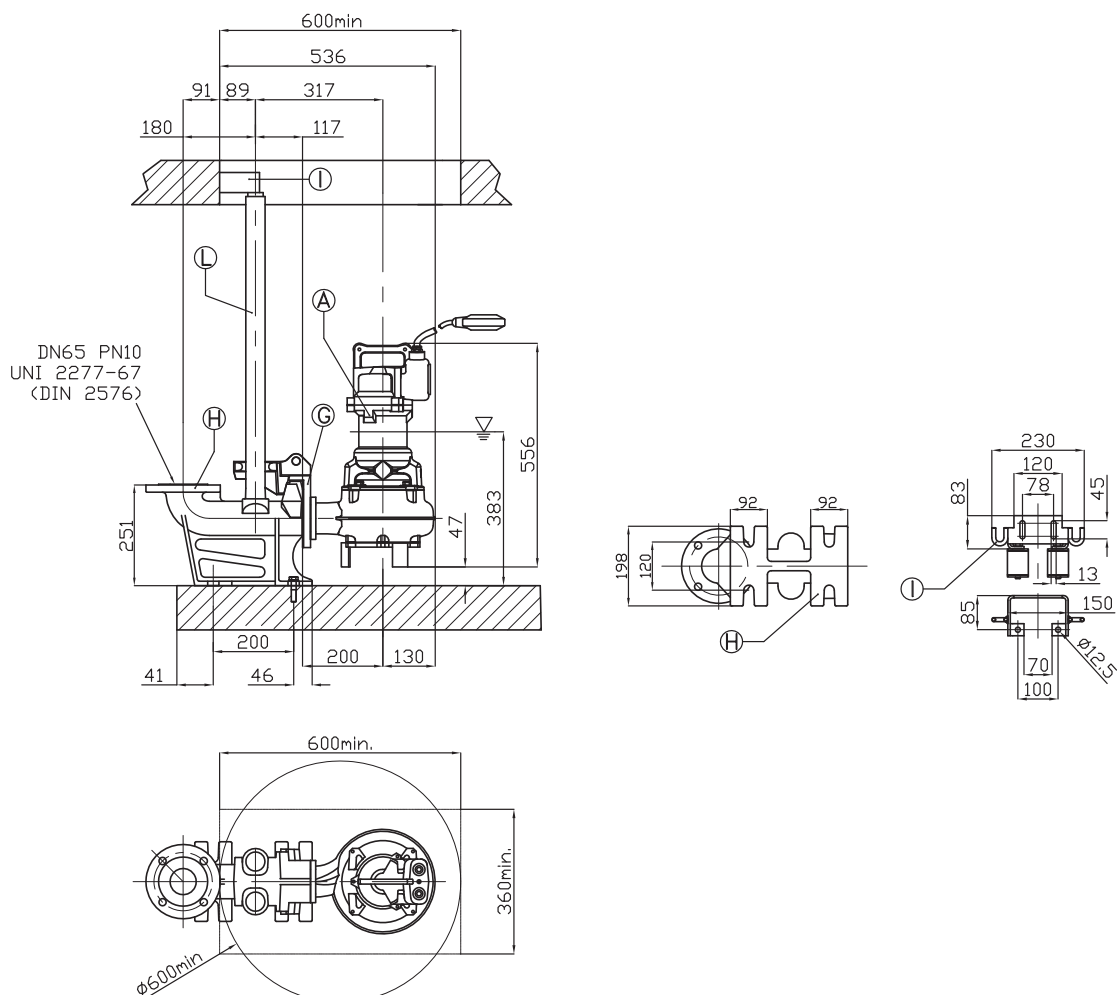
▽ LIVELLO MINIMO DI
 ≡ SOMMERGIBILITA'
 ▽ MINIMUM
 ≡ SUBMERSIBLE LEVEL

D SERIES

DIMENSIONS AND WEIGHT

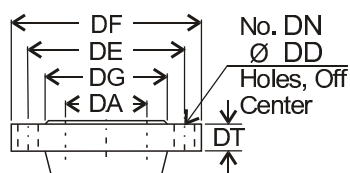
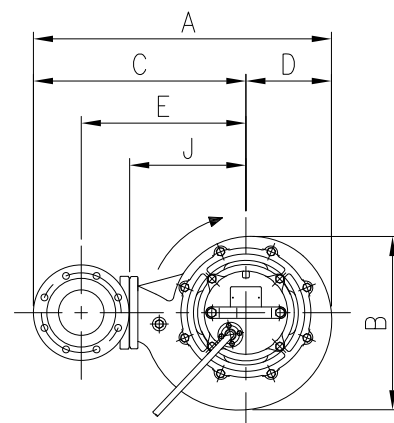
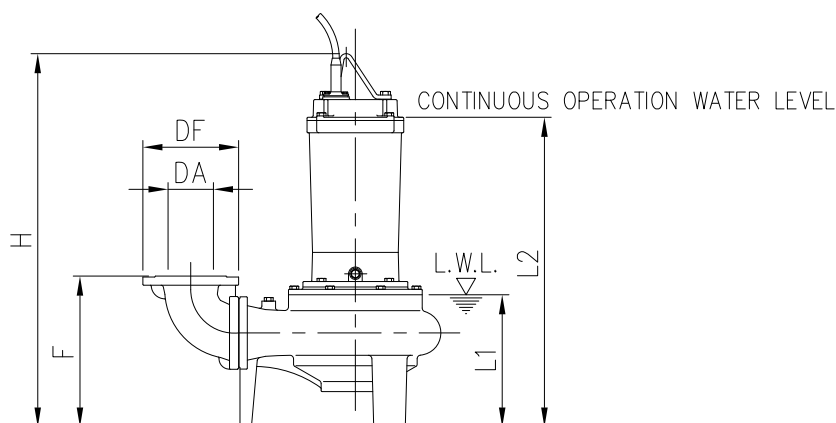
50 Hz

Rev. E



POSITION	DESCRIPTION	MATERIAL	WEIGHT [kg]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN65	NEOPRENE	-
E	THREADED FLANGE 2" 1/2	G 250 CAST-IRON	1
F	THREADED ELBOW 90° 2" 1/2	G 250 CAST-IRON	3
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN65	G250 CAST IRON	4
H	DOUBLE GUIDE CUOPLING FEET DN65	G 250 CAST-IRON	19
I	DOUBLE GUIDE RAIL UPPER SUPPORT 2"	GALVANIZED STEEL	1.9
L	GUIDE RAIL 2"	GALVANIZED STEEL	-

DMLV

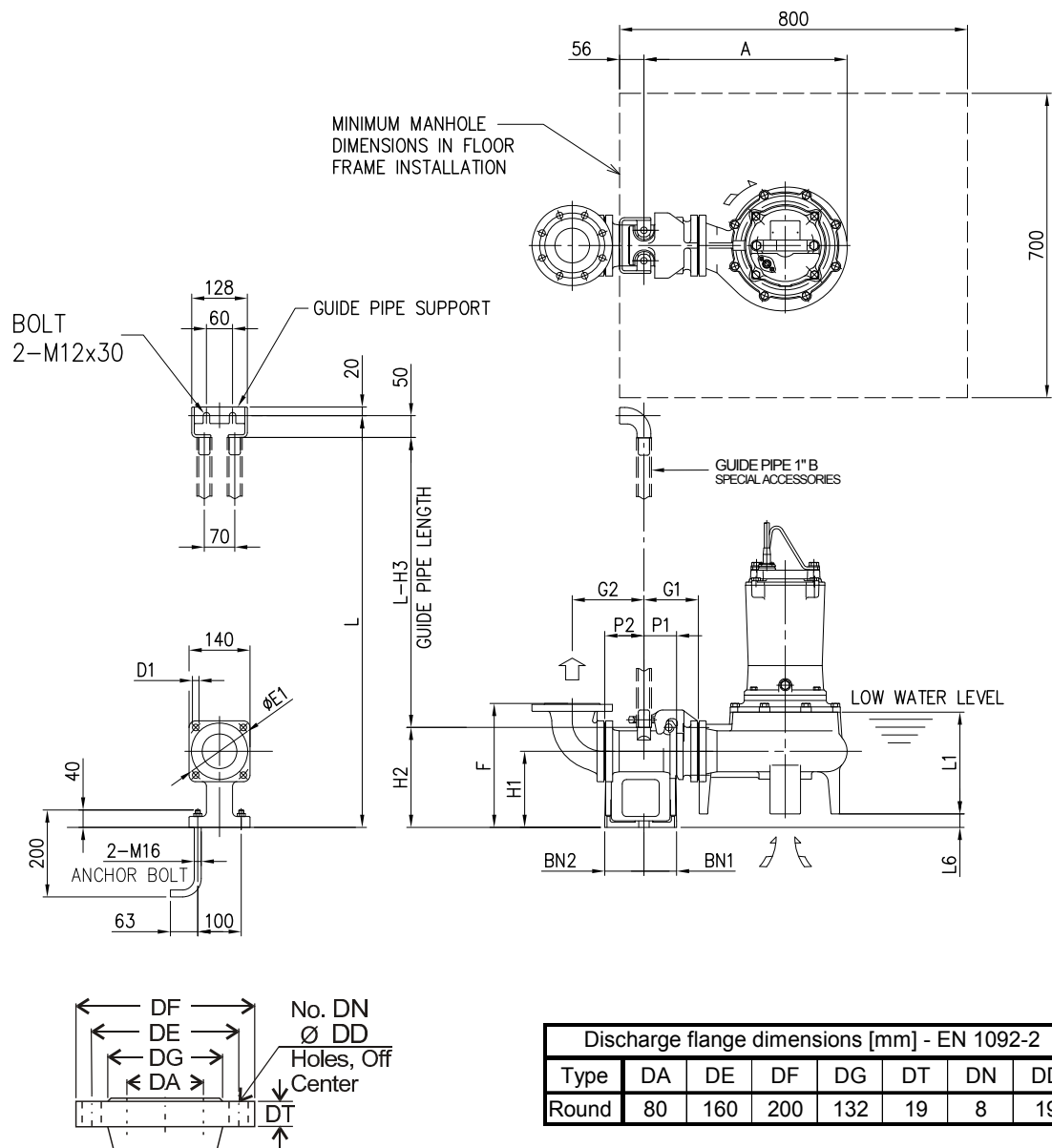


Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	80	160	200	132	19	8	19
	100	180	220	156	21		

Dimensions [mm]														
Size DA	Model	Output [kW]	A	B	C	D	E	F	H	J	L1 (*)	L2	CL [m]	Weight [kg]
80	80DMLV52.2	2.2	518	285	375	143	275	254	660	200	200	560	10	70
	80DMLV53.7	3.7							721			620		80
100	100DMLV55.5	5.5	584	308	430	154	320	305	860	215	250	760		105
	100DMLV57.5	7.5	641	352	465	176	355		970	250		810		120
	100DMLV511	11												728
	100DMLV515	15	180											
	100DMLV522	22	235											

- (*)
- L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

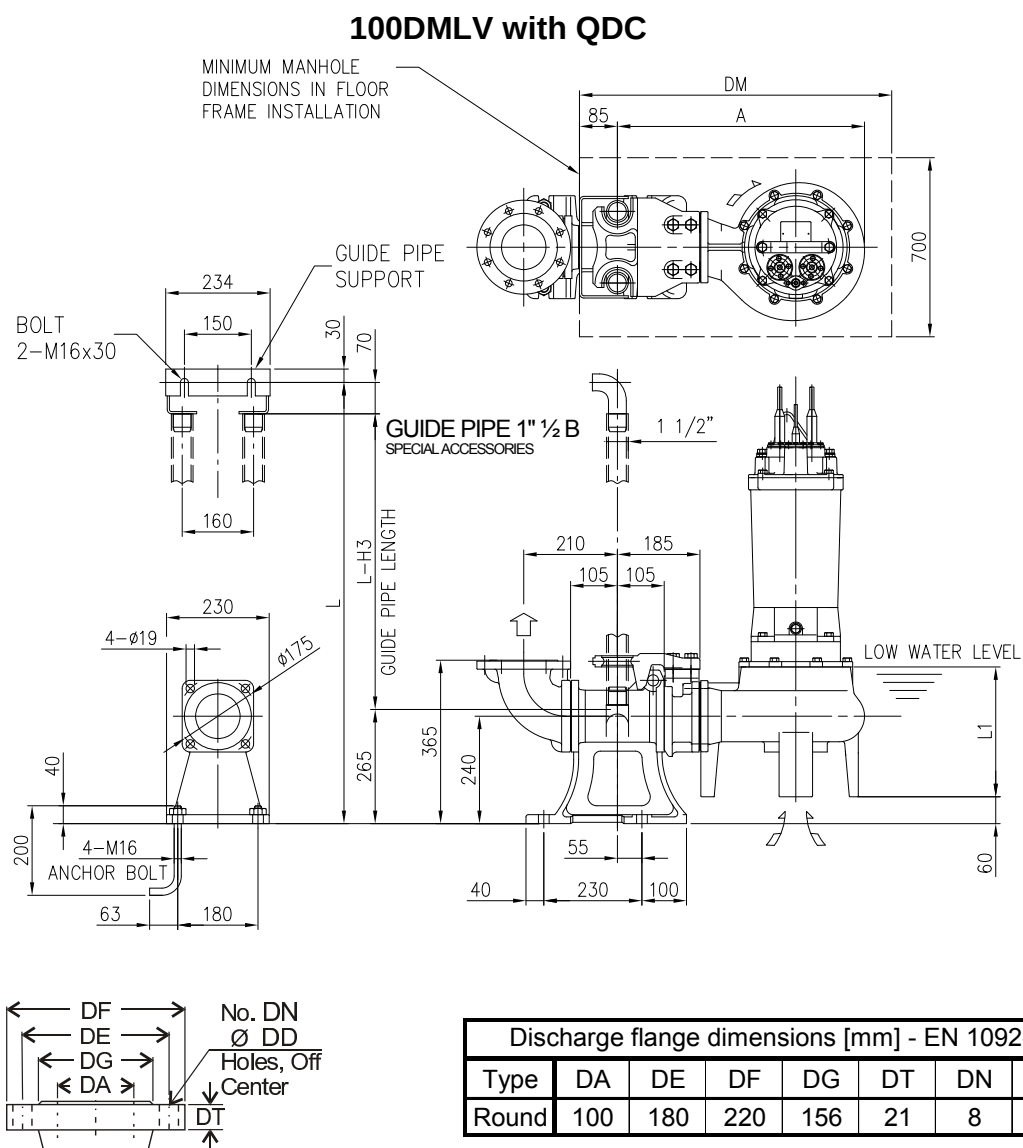
80DMLV with QDC



Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	80	160	200	132	19	8	19

Dimensions [mm]																		
Size DA	Model	Output [kW]	A	P1	P2	G1	G2	F	H1	H2	H3	L1 (*)	L6	BN1	BN2	D1	E1	QDC Model Weight [kg]
80	80 DMLV 52.2	2.2	468	75	90	125	165	285	175	230	280	200	31	75	90	15	155	LM80 17
	80 DMLV 53.7	3.7																

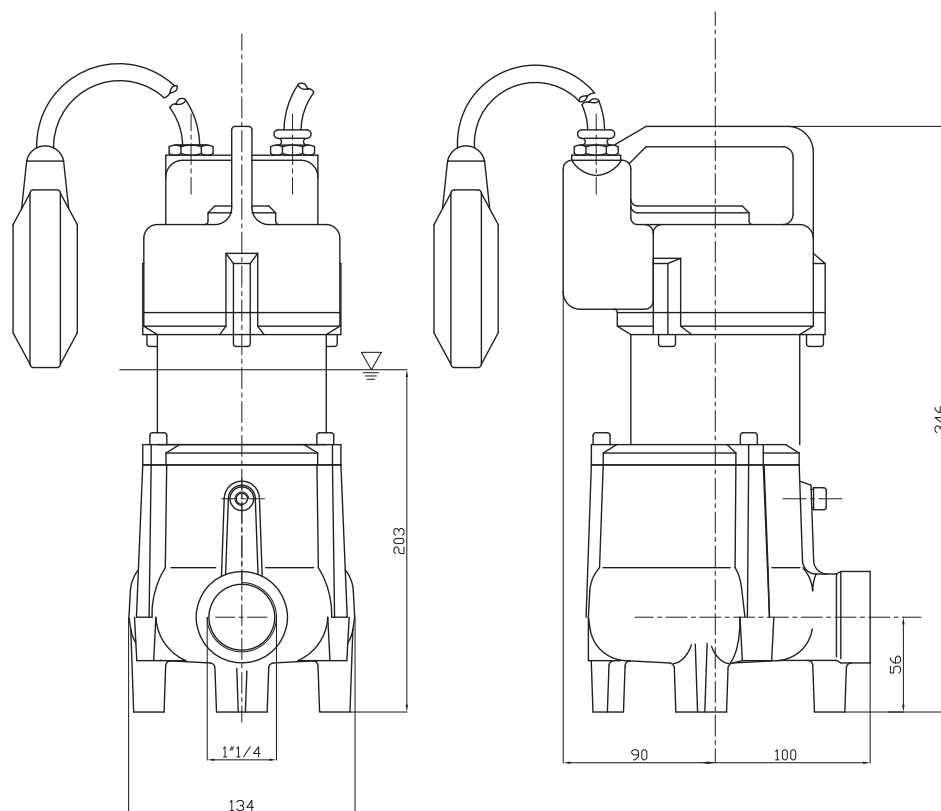
- (*) - L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor



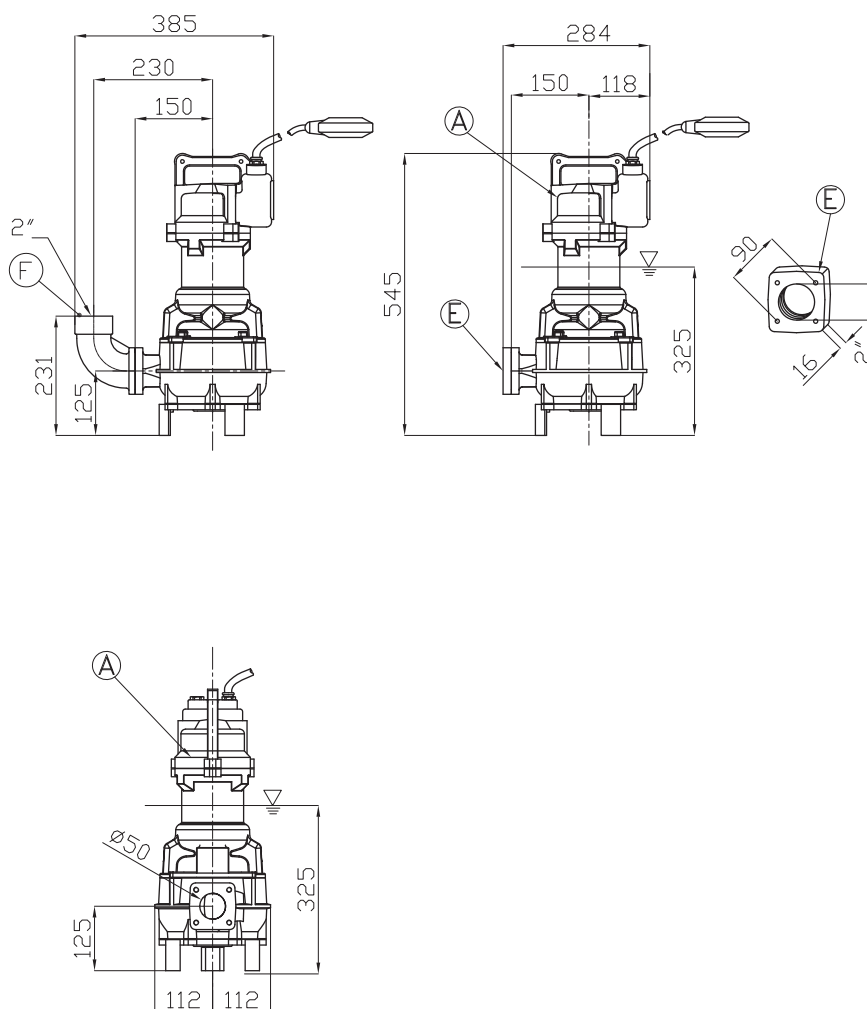
Discharge flange dimensions [mm] - EN 1092-2							
Type	DA	DE	DF	DG	DT	DN	DD
Round	100	180	220	156	21	8	19

Dimensions [mm]							
Size DA	Model	Output [kW]	A	H3	L1 (*)	QDC Model	Weight [kg]
100	100DML55.5	5.5	554	335	250	LL100	46
	100DML57.5	7.5	611				
	100DML511	11			698		
	100DML515	15					
	100DML522	22					

- (*)
- L.W.L (Low Water Level)
 - Operation is limited to 10 minutes at L.W.L.
 - Operation is limited to 30 minutes with water level below top of motor

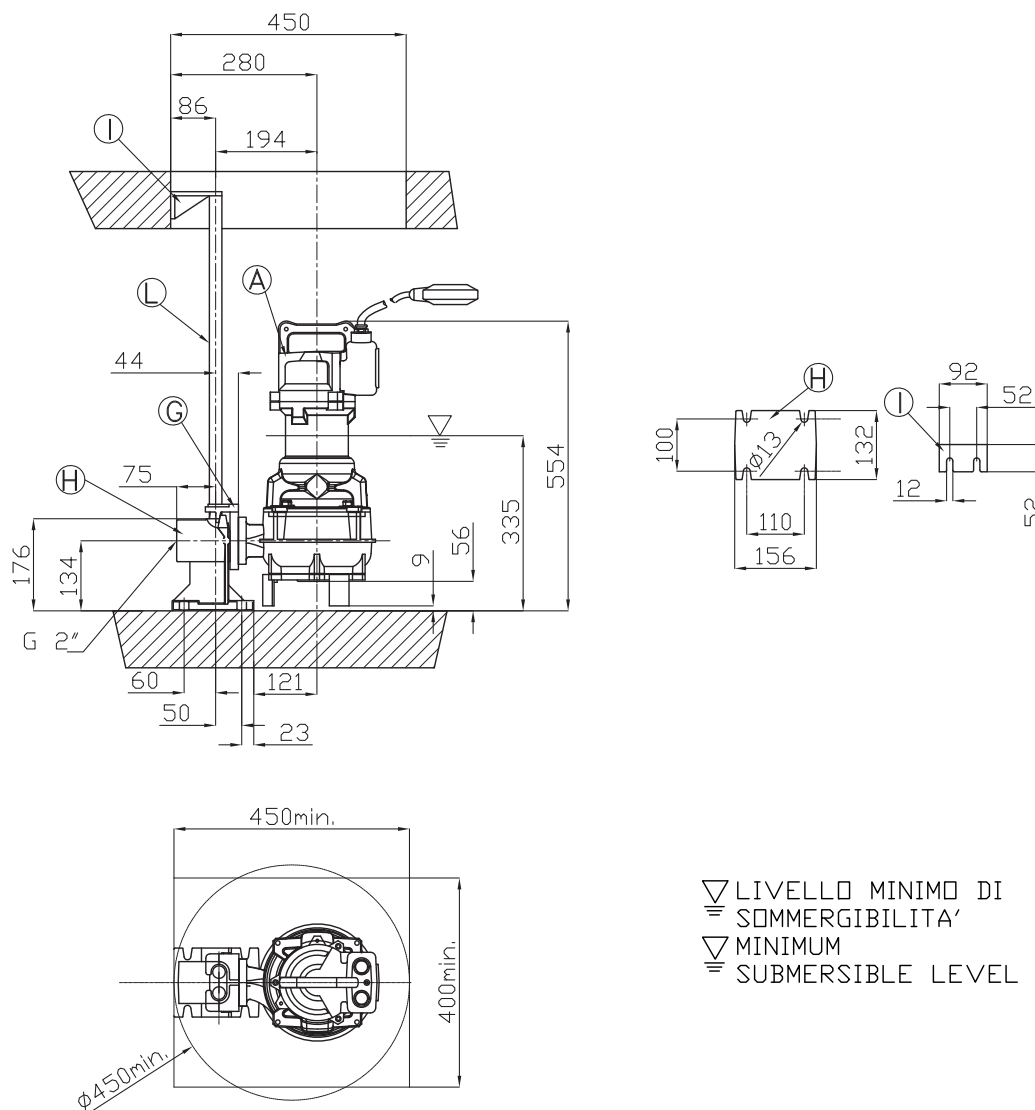
40DMLVF (0.5 kW)

Size DA	Model	Output [kW]	Weight [kgf]
1"1/4	40DMLVF50.5M2AG	0,5	14

50DMLVF/50DMLVF with QDC (1.5 ÷ 1.9 kW)

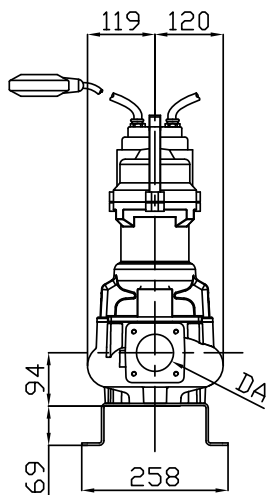
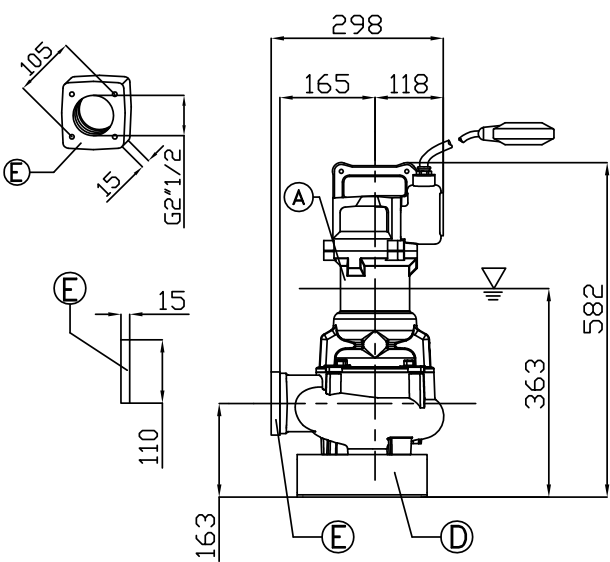
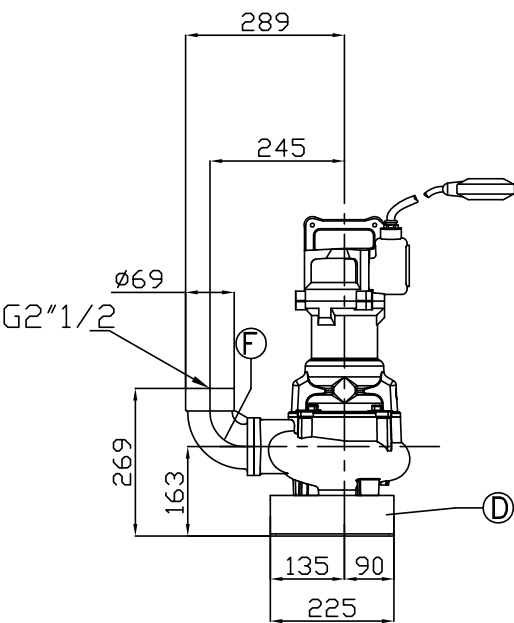
Size DA	Model	Output [kW]	Weight [kgf]
50	50DMLVF51.5M2CG	1.5	43
	50DMLVF51.5M2BG	1.5	43
	50DMLVF51.9M2AG	1,9	43

▽ LIVELLO MINIMO DI
 ≡ SOMMERGIBILITA'
 ▽ MINIMUM
 ≡ SUBMERSIBLE LEVEL



POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN50	NEOPRENE	-
E	THREADED FLANGE 2"	G 250 CAST-IRON	1
F	THREADED ELBOW 90° 2"	G 250 CAST-IRON	3
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN50	G 250 CAST IRON	1.5
H	DOUBLE GUIDE CUOPLING FEET DN50	G 250 CAST-IRON	6
I	DOUBLE GUIDE RAIL UPPER SUPPORT 3/4	G 250 CAST-IRON	1.1
L	GUIDE RAIL 3/4	GALVANIZED STEEL	-

65DMLVF/65DMLVF with QDC (1.5 kW)



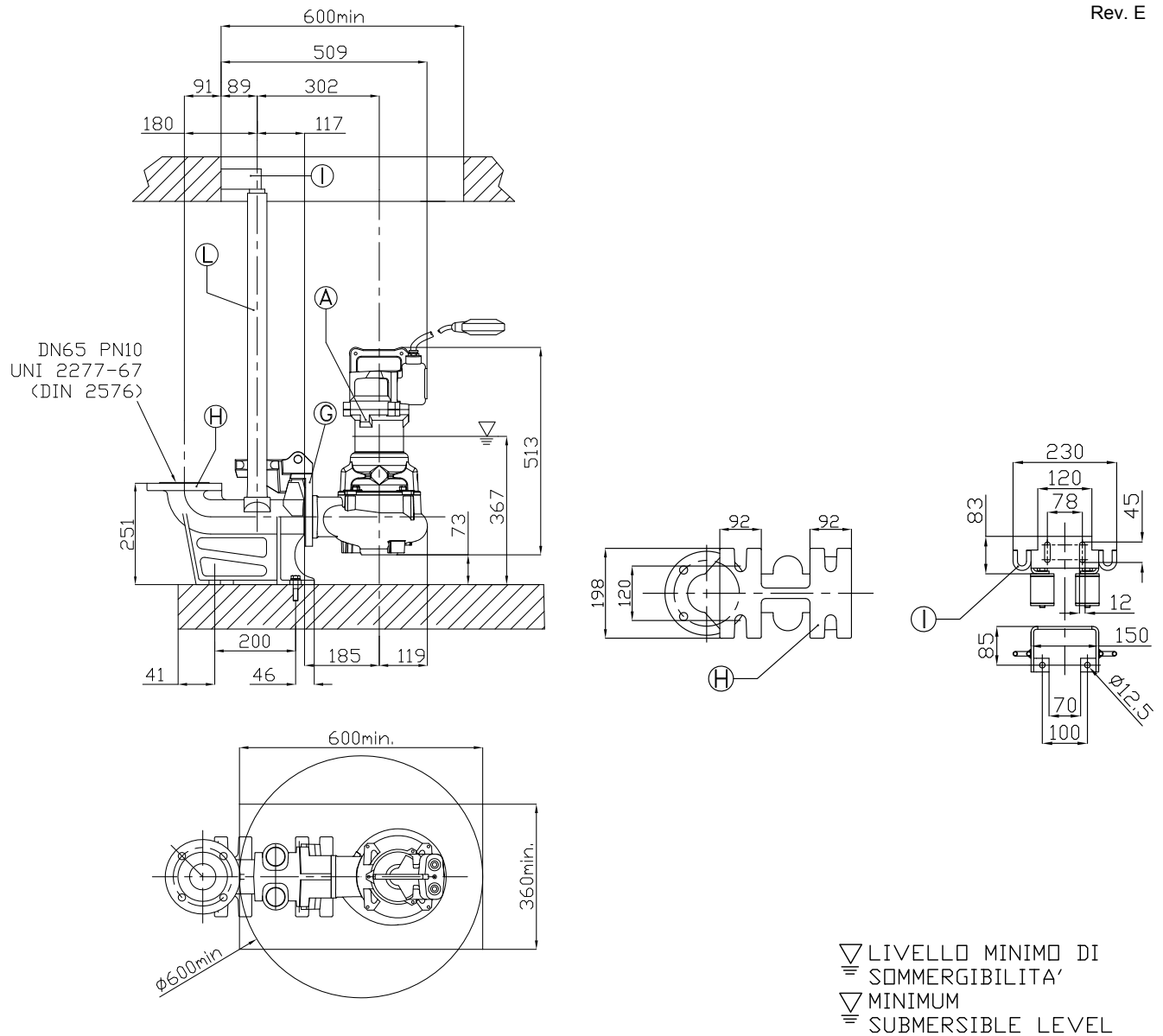
Size DA	Model	Output [kW]	Weight [kgf]
65	65DMLVF51.5M2CG	1.5	44

▽ LIVELLO MINIMO DI
= SOMMERGIBILITA'
▽ MINIMUM
= SUBMERSIBLE LEVEL

DIMENSIONS AND WEIGHT

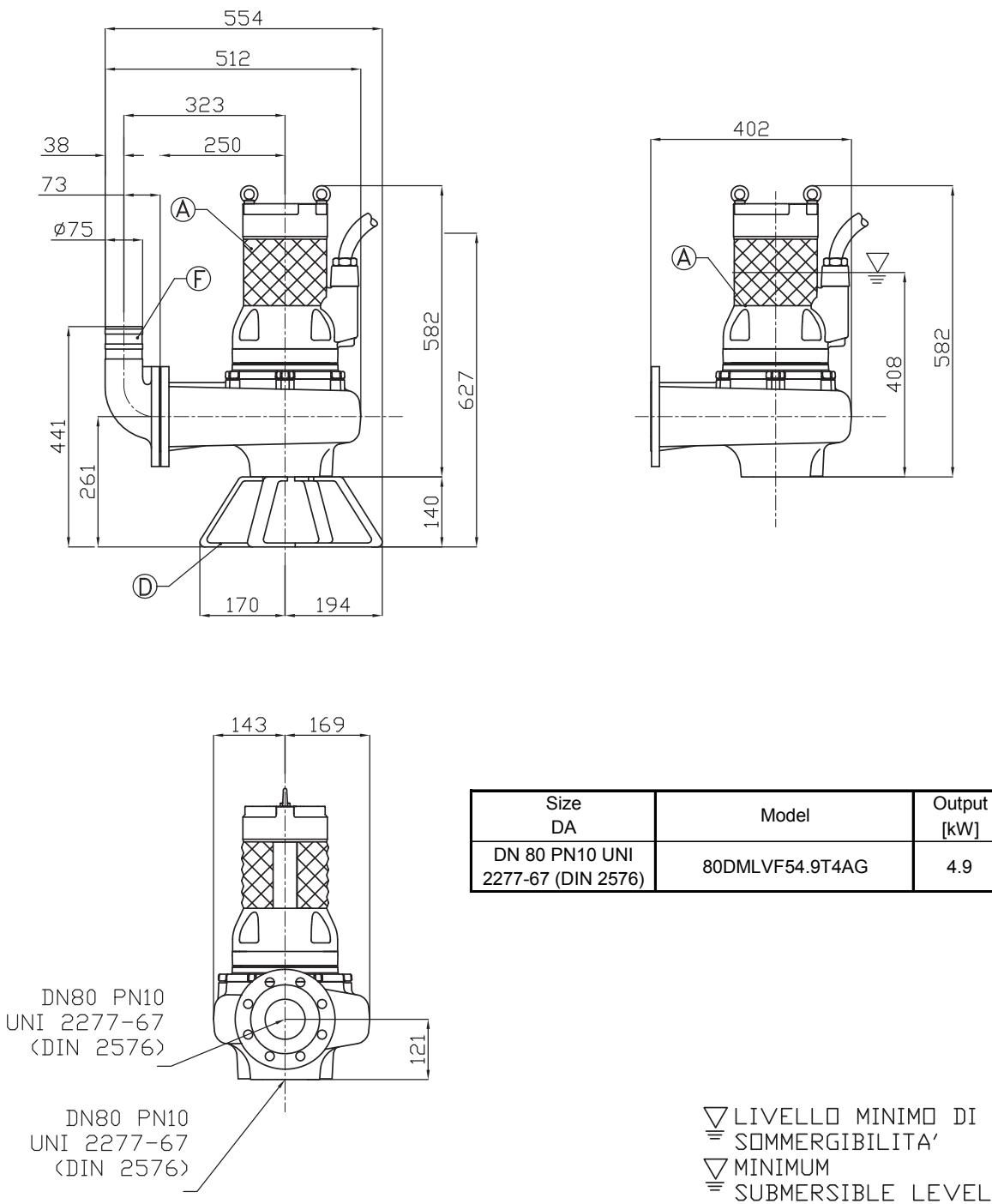
50 Hz

Rev. E



POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN65	NEOPRENE	-
D	X FOOT REST	S.STEEL AISI304	2.5
E	THREADED FLANGE 2"1/2	G250 CAST-IRON	1
F	THREADED ELBOW 90° 2"1/2	G250 CAST-IRON	3
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN65	G250 CAST IRON	4
H	DOUBLE GUIDE CUOPLING FEET DN65	G250 CAST-IRON	19
I	DOUBLE GUIDE RAIL UPPER SUPPORT 2"	GALVANIZED STEEL	1.9
L	GUIDE RAIL 2"	GALVANIZED STEEL	-

80DMLVF/80DMLVF with QDC (4.9 kW)



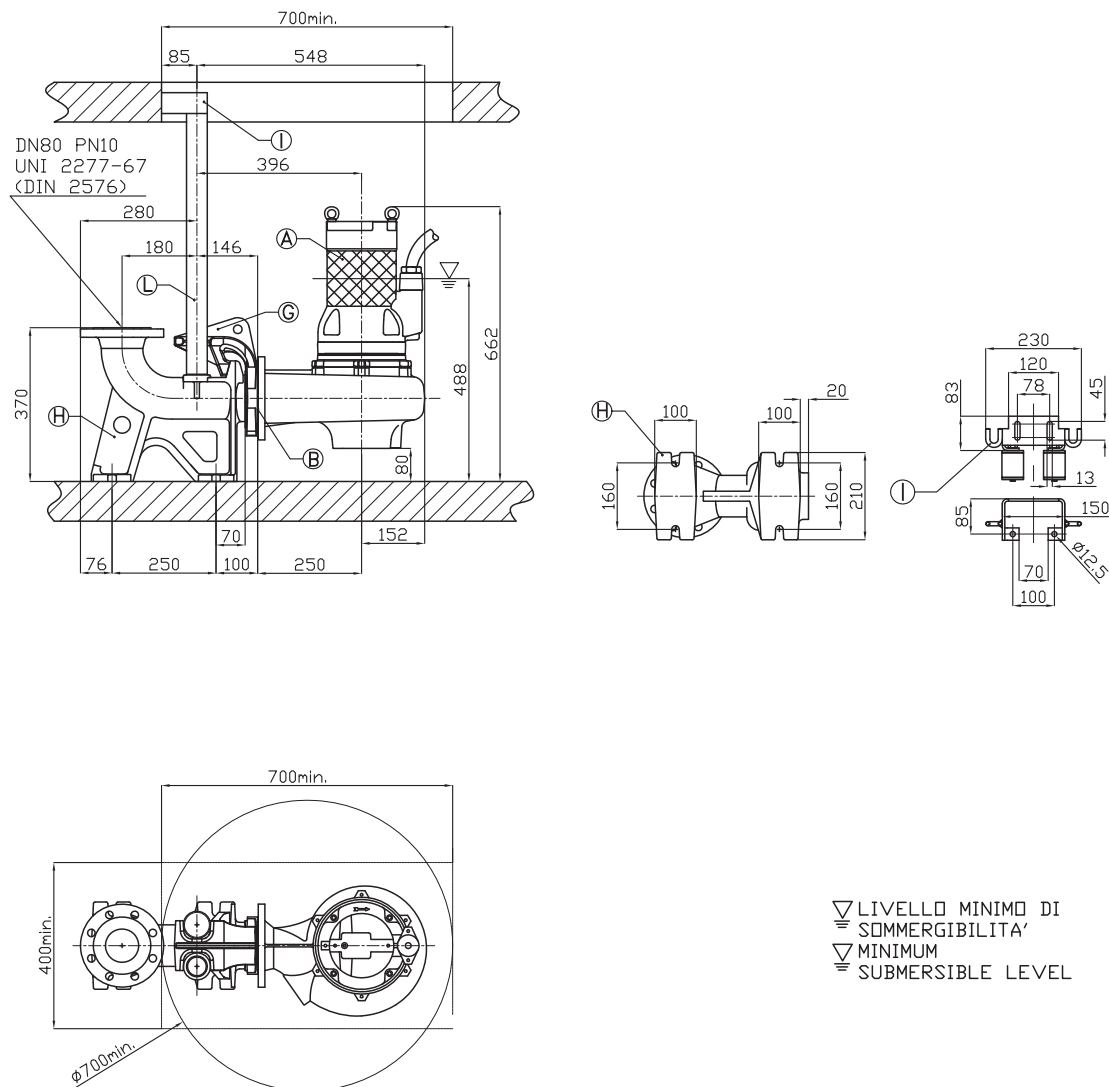
Size DA	Model	Output [kW]	Weight [kgf]
DN 80 PN10 UNI 2277-67 (DIN 2576)	80DMLVF54.9T4AG	4.9	79

D SERIES

DIMENSIONS AND WEIGHT

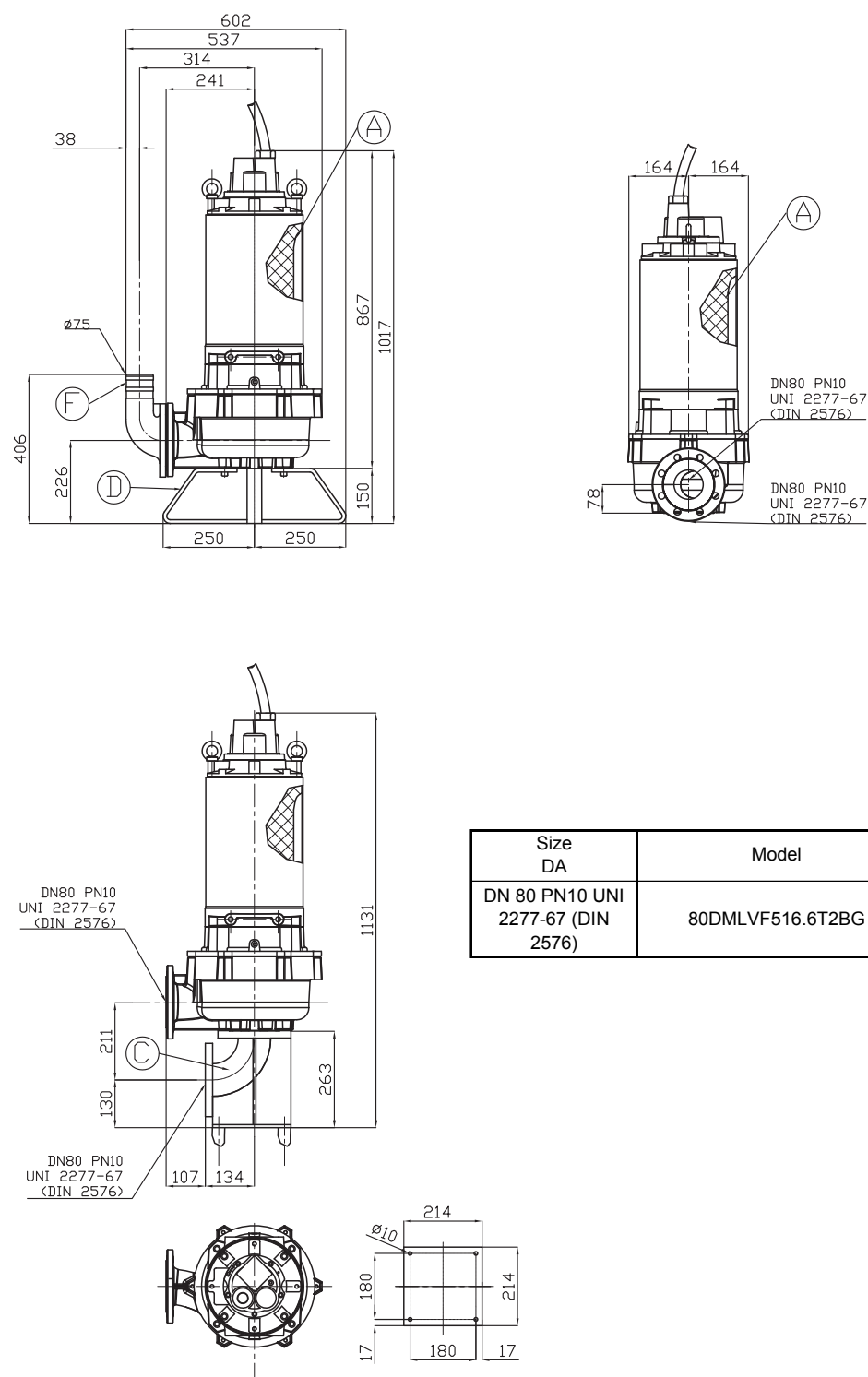
50 Hz

Rev. E

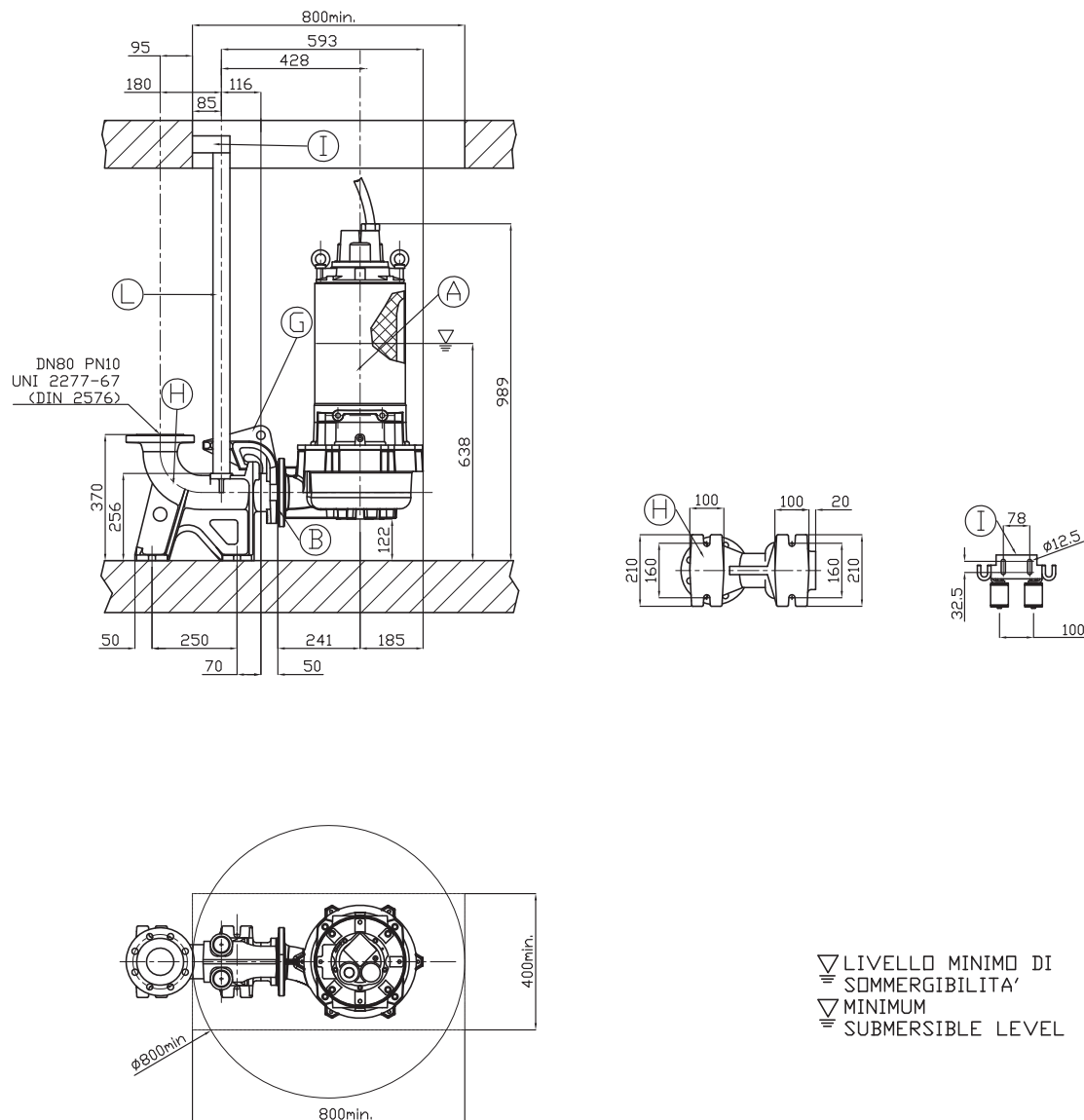


POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN80	NEOPRENE	-
C	SUCTION ELBOW 90°	GALVANIZED STEEL	27
D	X FOOT REST	GALVANIZED STEEL	3
F	DELIVERY ELBOW 90° DN80	G250 CAST-IRON	6
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN80	G250 CAST IRON	10
H	DOUBLE GUIDE CUOPLING FEET DN80	G250 CAST-IRON	33
I	DOUBLE GUIDE RAIL UPPER SUPPORT 2"	GALVANIZED STEEL	1.9
L	GUIDE RAIL 2"	GALVANIZED STEEL	-

80DMLVF/80DMLVF with QDC (16.6 kW)

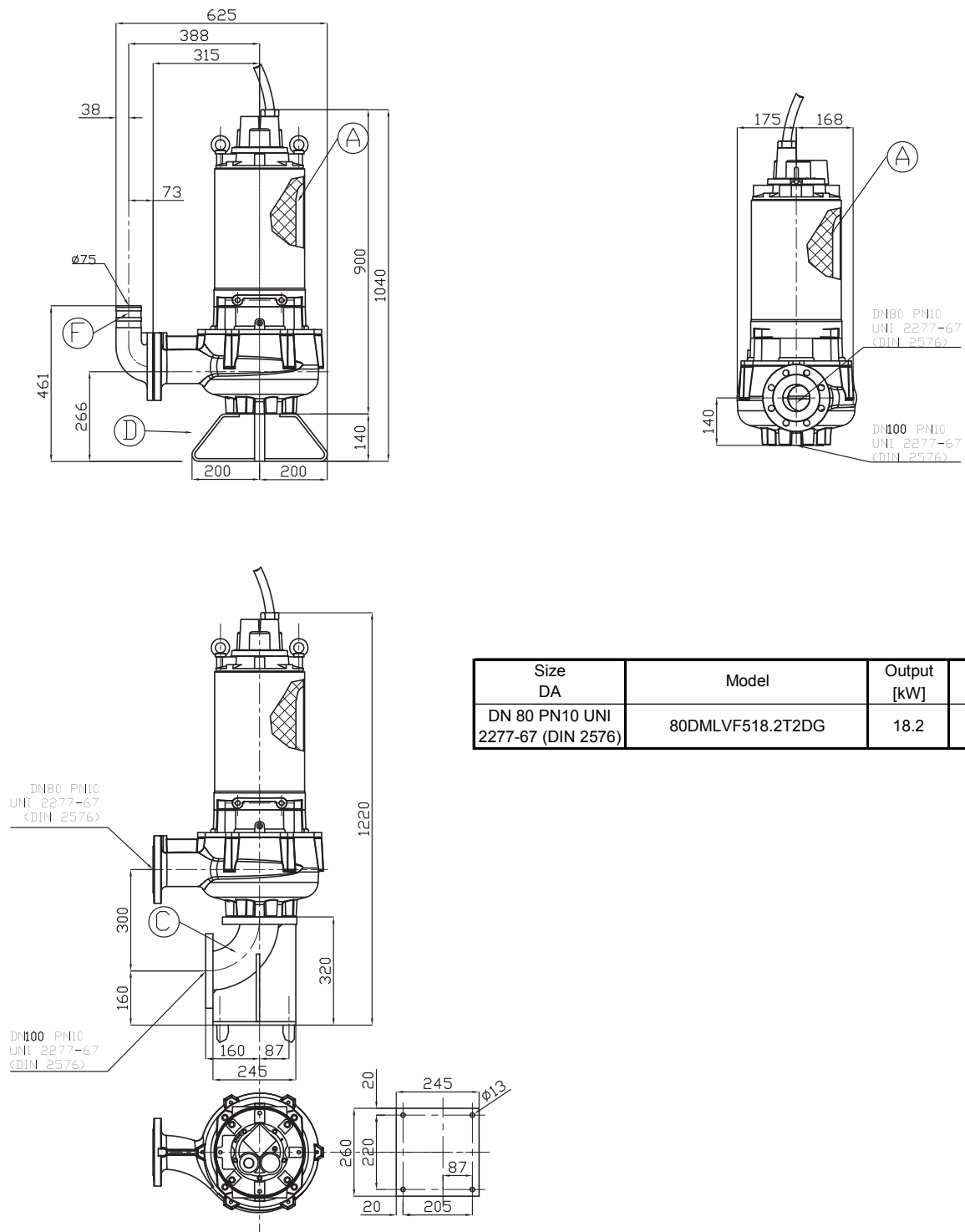


Size DA	Model	Output [kW]	Weight [kgf]
DN 80 PN10 UNI 2277-67 (DIN 2576)	80DMLVF516.6T2BG	16.6	191



POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN80	NEOPRENE	-
C	SUCTION ELBOW 90°	GALVANIZED STEEL	7
D	X FOOT REST	GALVANIZED STEEL	3
F	DELIVERY ELBOW 90° DN80	G 250 CAST-IRON	6
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN80	G250 CAST IRON	10
H	DOUBLE GUIDE CUOPLING FEET DN80	G 250 CAST-IRON	33
I	DOUBLE GUIDE RAIL UPPER SUPPORT 2"	GALVANIZED STEEL	1.9
L	GUIDE RAIL 2"	GALVANIZED STEEL	-

80DMLVF/80DMLVF with QDC (18.2 kW)

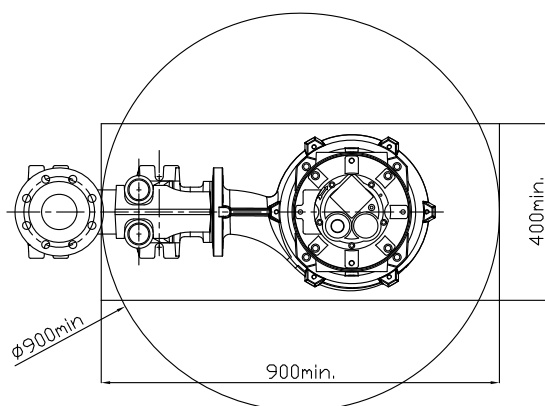
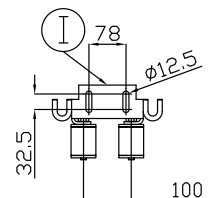
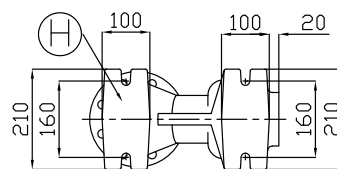
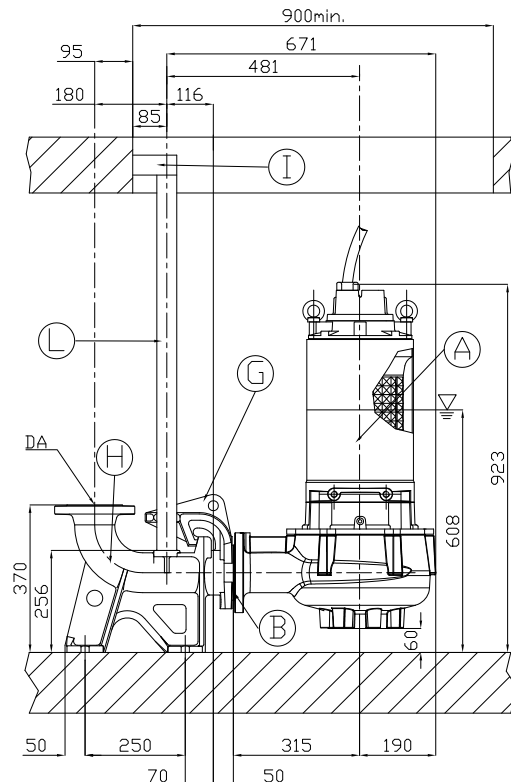


Size DA	Model	Output [kW]	Weight [kgf]
DN 80 PN10 UNI 2277-67 (DIN 2576)	80DMLVF518.2T2DG	18.2	192

DIMENSIONS AND WEIGHT

50 Hz

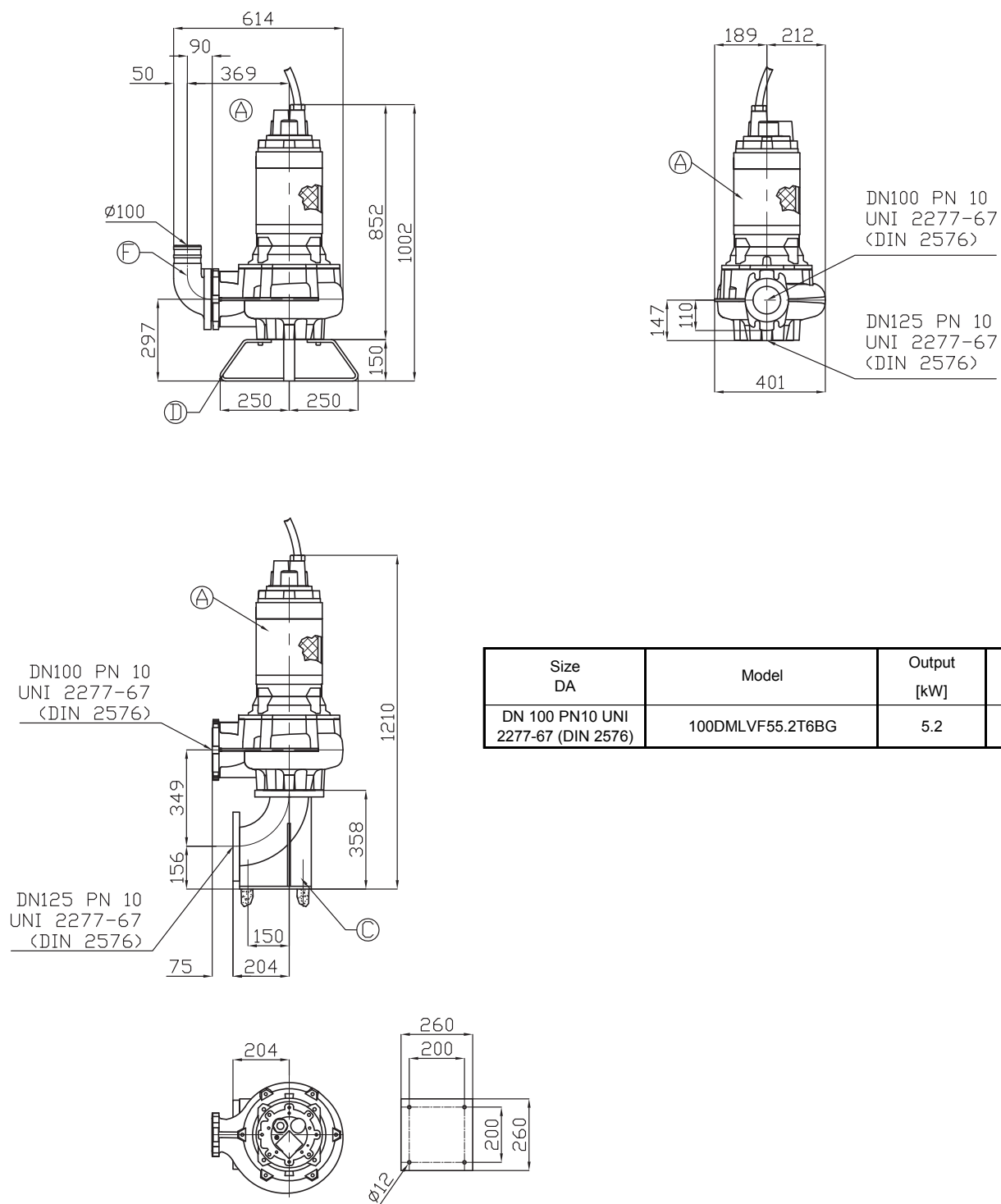
Rev. E



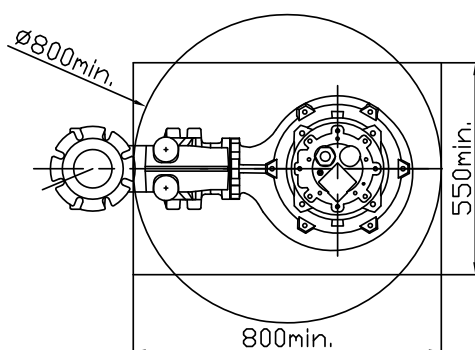
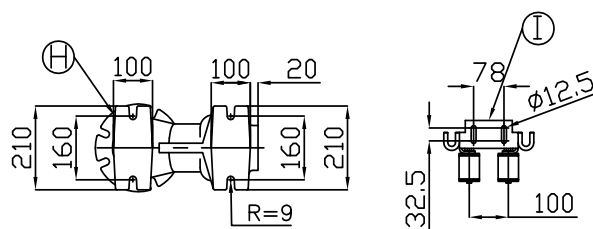
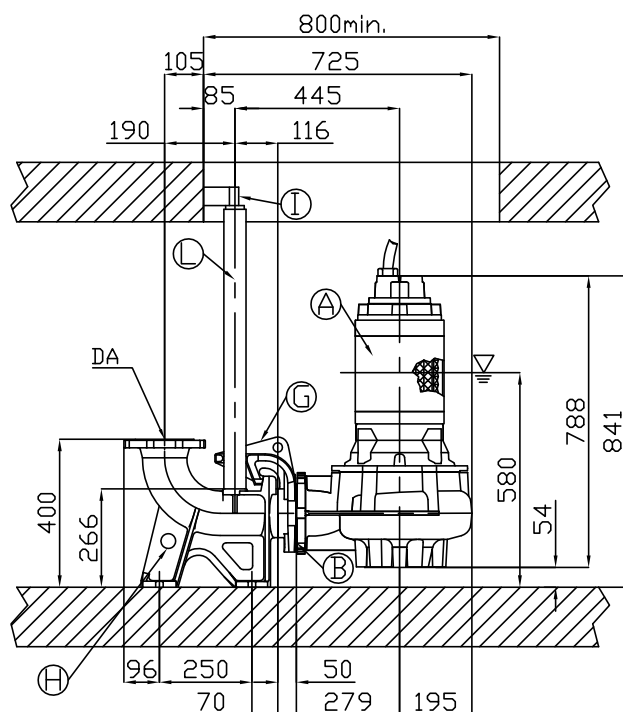
▽ LIVELLO MINIMO DI
SOMMERGIBILITA'
▽ MINIMUM
SUBMERSIBLE LEVEL

POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN80	NEOPRENE	-
C	SUCTION ELBOW 90°	GALVANIZED STEEL	27
D	X FOOT REST	GALVANIZED STEEL	5
F	DELIVERY ELBOW 90° DN80	G250 CAST-IRON	6
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN80	G250 CAST IRON	10
H	DOUBLE GUIDE CUOPLING FEET DN80	G250 CAST-IRON	33
I	DOUBLE GUIDE RAIL UPPER SUPPORT 2"	GALVANIZED STEEL	1.9
L	GUIDE RAIL 2"	GALVANIZED STEEL	-

100DMLVF/100DMLVF with QDC (5.2 kW)



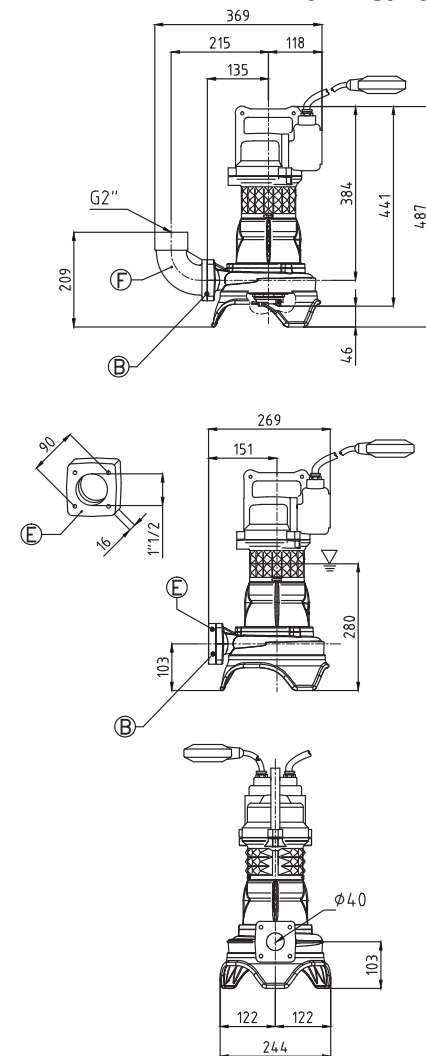
Size DA	Model	Output [kW]	Weight [kgf]
DN 100 PN10 UNI 2277-67 (DIN 2576)	100DMLVF55.2T6BG	5.2	170



▽ LIVELLO MINIMO DI
 ≡ SOMMERGIBILITA'
 ▽ MINIMUM
 ≡ SUBMERSIBLE LEVEL

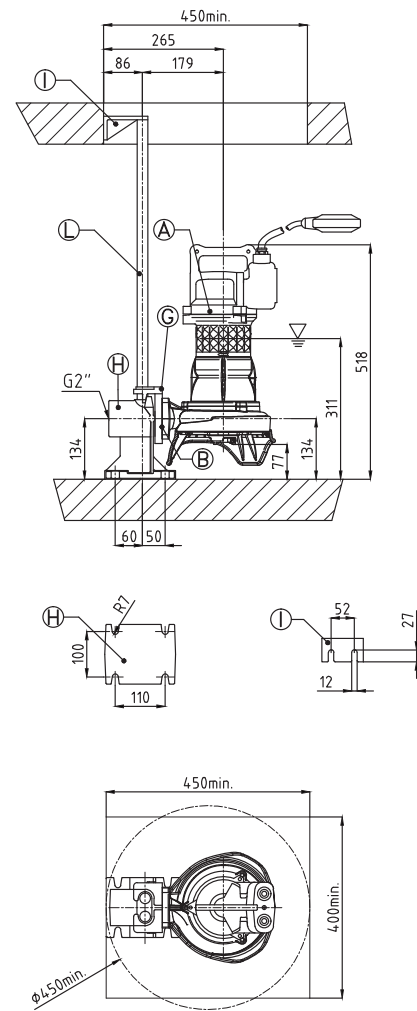
POSITION	DESCRIPTION	MATERIAL	WEIGHT [kgf]
A	SUBMERSIBLE PUMP	-	-
B	RUBBER JOINT DN100	NEOPRENE	-
C	SUCTION ELBOW 90°	GALVANIZED STEEL	27
D	X FOOT REST	GALVANIZED STEEL	5
F	DELIVERY ELBOW 90° DN100	G250 CAST-IRON	10
G	DOUBLE GUIDE RAIL COUPLING FLANGE DN100	G250 CAST IRON	12
H	DOUBLE GUIDE CUOPLING FEET DN100	G250 CAST-IRON	35
I	DOUBLE GUIDE RAIL UPPER SUPPORT 2"	GALVANIZED STEEL	1,9
L	GUIDE RAIL 2"	GALVANIZED STEEL	-

40DRS/40DRS with QDC (1.1 kW)



▽ MINIMUM SUBMERSIBLE LEVEL

P

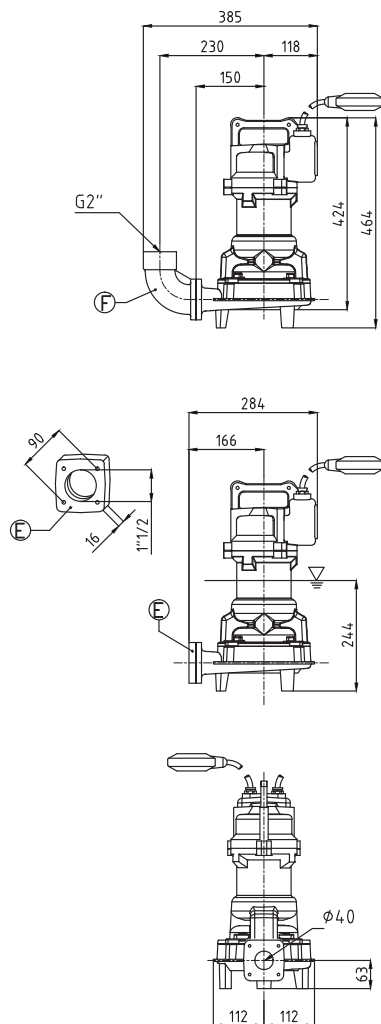


R

Size DA	Model	Output [kW]	Weight [kg]
40	40DRS51.1M2CG	1.1	30
	40DRS51.1M2BG	1.1	30
	40DRS51.1M2AG	1.1	30

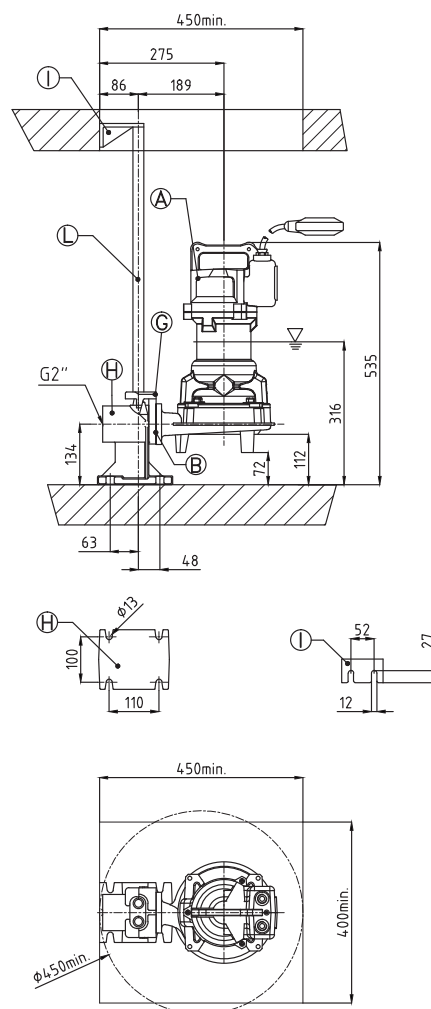
Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN50	Neoprene	-
Type: P			
E	Threaded flange 1"1/2	G250 Cast-Iron	1
F	Threaded elbow 90° 2"	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN50	GS400 Cast-Iron	1.5
H	Double guide coupling feet DN50	G250 Cast-Iron	6
I	Double guide rail upper support 3/4"	G250 Cast-Iron	1.1
L	Guide rail 3/4"	Galvanized Steel	-

40DRS/40DRS with QDC (1.1 ÷ 1.9 kW)



▽ MINIMUM SUBMERSIBLE LEVEL

S

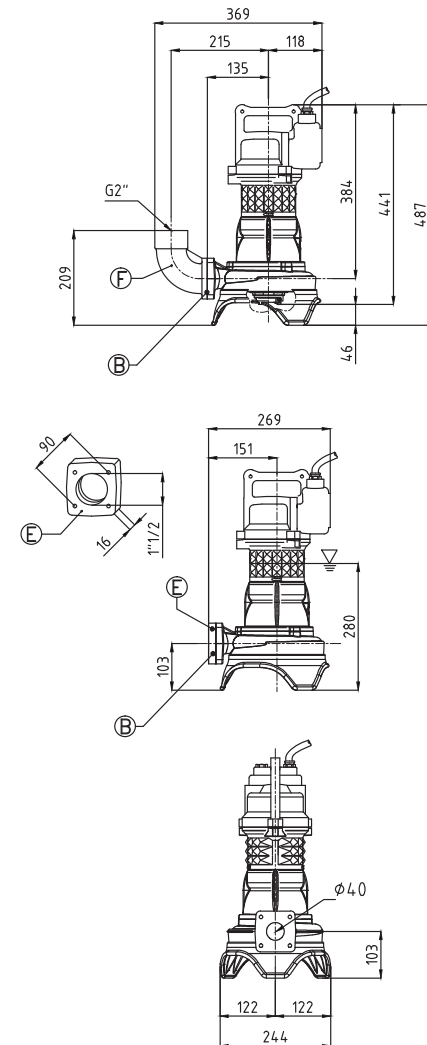


R

Size DA	Model	Output [kW]	Weight [kg]
40	40DRS51.2M2CG	1.1	40
	40DRS51.5M2BG	1.5	40
	40DRS51.9M2AG	1.9	40

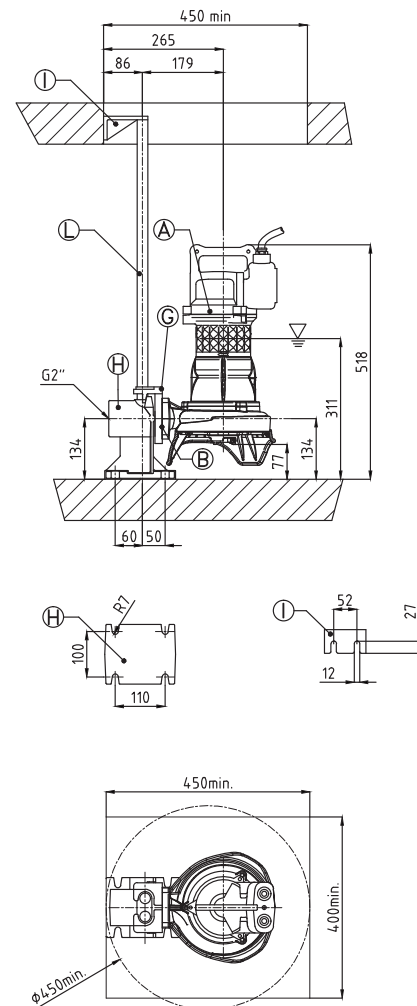
Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN50	Neoprene	-
Type: S			
E	Threaded flange 1 1/2"	G250 Cast-Iron	1
F	Threaded elbow 90° 2"	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN50	GS400 Cast-Iron	1.5
H	Double guide coupling feet DN50	G250 Cast-Iron	6
I	Double guide rail upper support 3/4"	G250 Cast-Iron	1.1
L	Guide rail 3/4"	Galvanized Steel	-

40DRS/40DRS with QDC (1.1 ÷ 1.4 kW)



▽ MINIMUM SUBMERSIBLE LEVEL

P

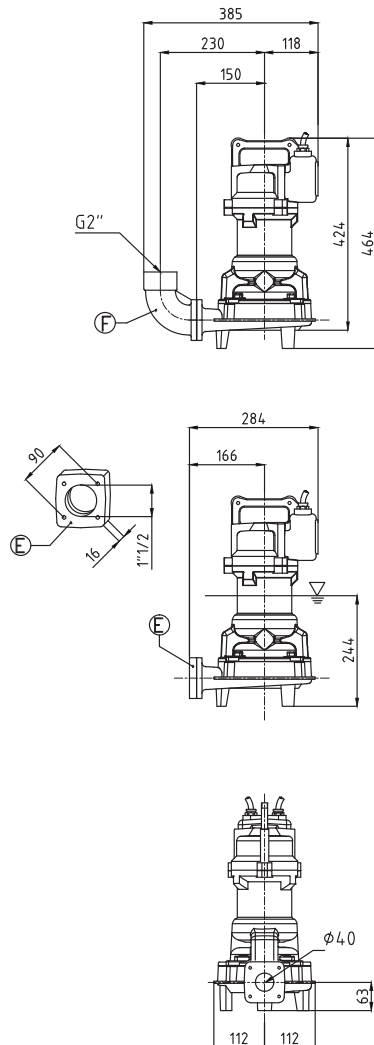


R

Size DA	Model	Output [kW]	Weight [kg]
40	40DRS51.1T2CG	1,1	30
	40DRS51.1T2BG	1,1	30
	40DRS51.4T2AG	1,4	30

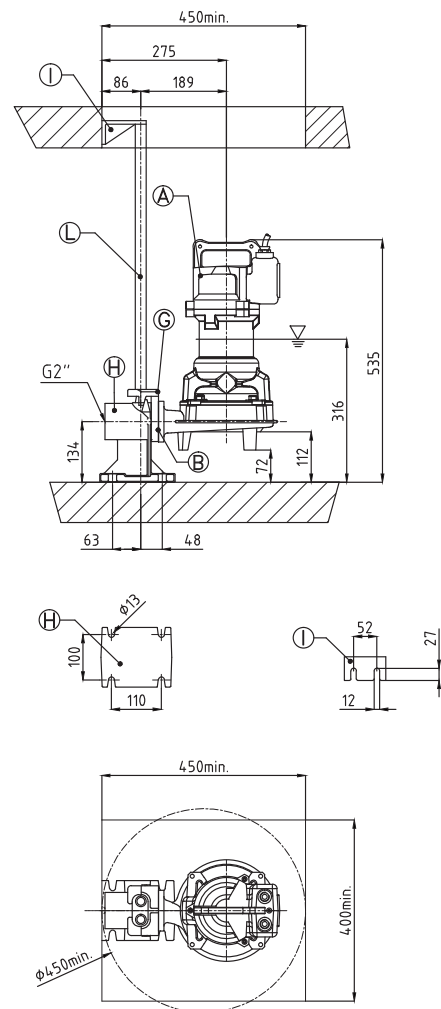
Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN50	Neoprene	-
Type: P			
E	Threaded flange 1"1/2	G250 Cast-Iron	1
F	Threaded elbow 90° 2"	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN50	GS400 Cast-Iron	1,5
H	Double guide coupling feet DN50	G250 Cast-Iron	6
I	Double guide rail upper support 3/4"	G250 Cast-Iron	1,1
L	Guide rail 3/4"	Galvanized Steel	-

40DRS/40DRS with QDC (1.6 ÷ 2.4 kW)



MINIMUM SUBMERSIBLE LEVEL

S

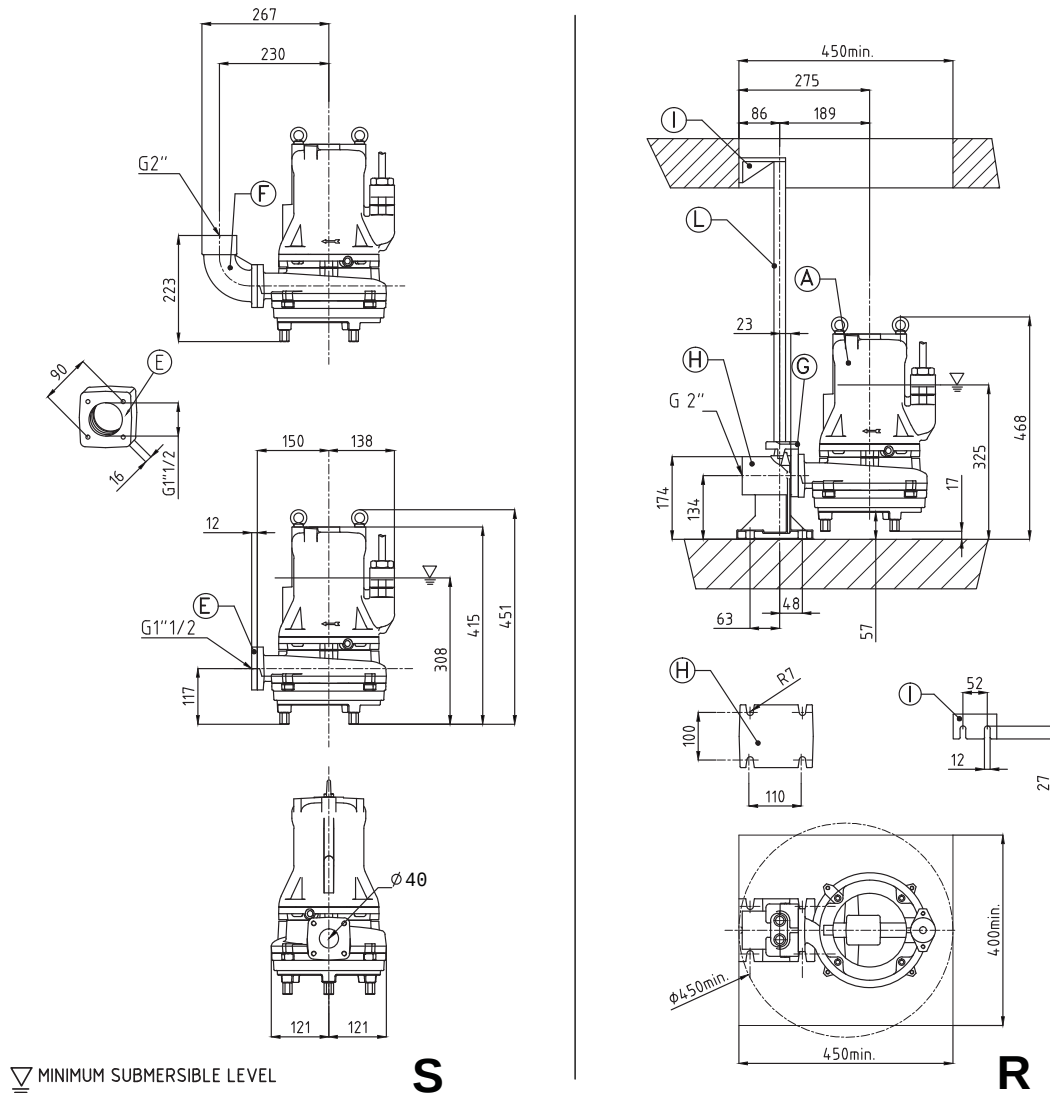


R

Size DA	Model	Output [kW]	Weight [kg]
40	40DRS51.6T2CG	1.6	40
	40DRS51.6T2BG	1.6	40
	40DRS52.4T2AG	2.4	40

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN50	Neoprene	-
Type: S			
E	Threaded flange 1" 1/2	G250 Cast-Iron	1
F	Threaded elbow 90° 2"	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN50	GS400 Cast-Iron	1,5
H	Double guide coupling feet DN50	G250 Cast-Iron	6
I	Double guide rail upper support 3/4"	G250 Cast-Iron	1,1
L	Guide rail 3/4"	Galvanized Steel	-

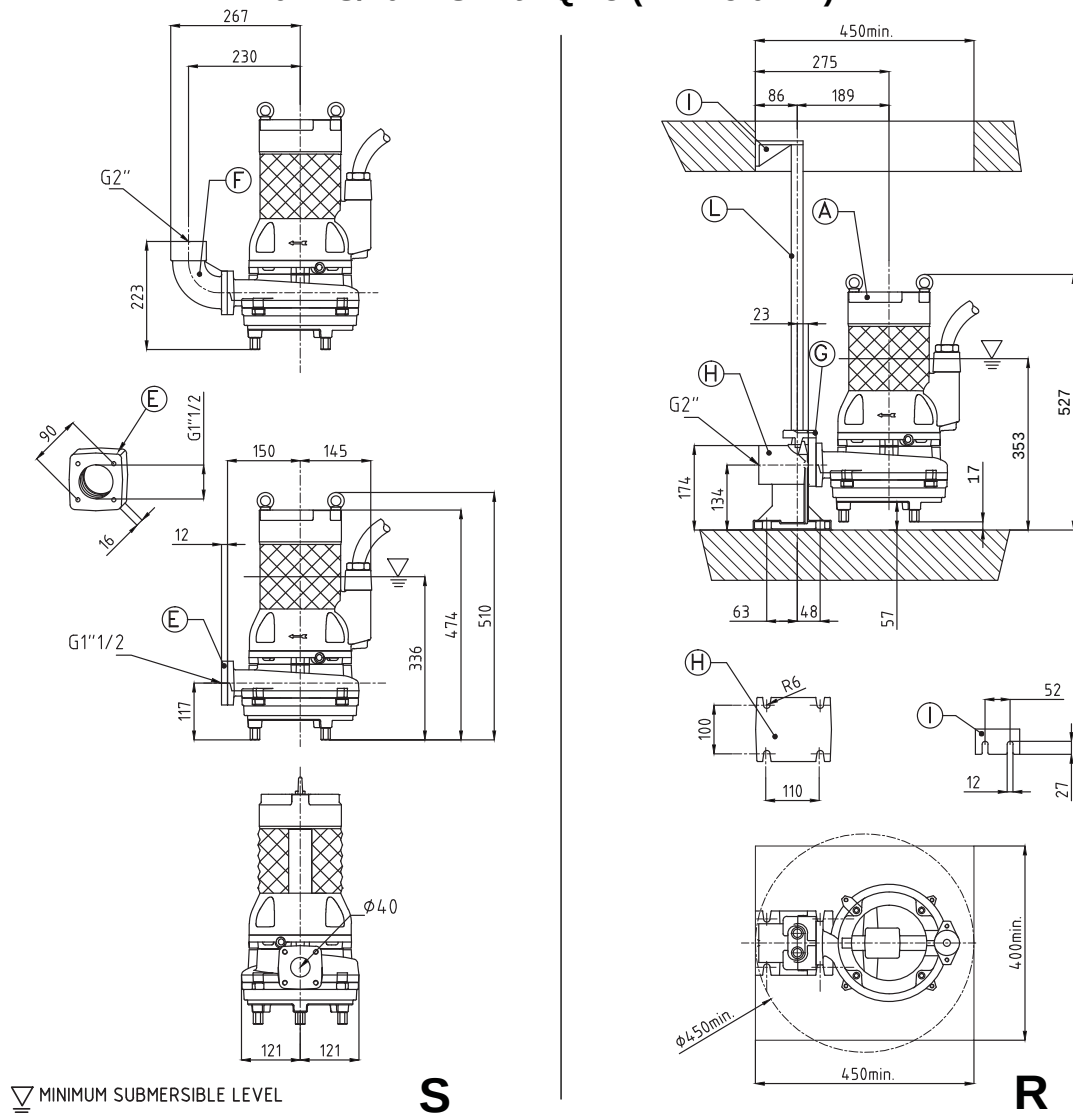
40DRS/40DRS with QDC (3.1 kW)



Size DA	Model	Output [kW]	Weight [kg]
40	40DRS53.1T2BG	3,1	52
	40DRS53.1T2AG	3,1	52

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN50	Neoprene	-
Type: S			
E	Threaded flange 1"1/2	G250 Cast-Iron	1
F	Threaded elbow 90° 2"	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN50	GS400 Cast-Iron	1.5
H	Double guide coupling feet DN50	G250 Cast-Iron	6
I	Double guide rail upper support 3/4"	G250 Cast-Iron	1.1
L	Guide rail 3/4"	Galvanized Steel	-

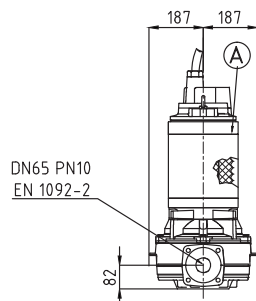
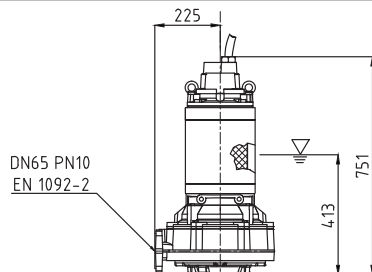
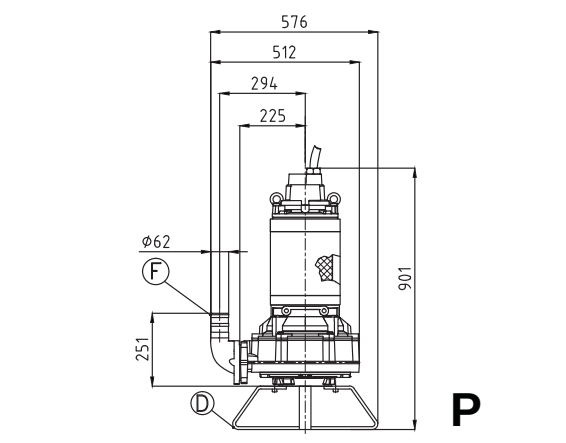
40DRS/40DRS with QDC (4.2 ÷ 5.0 kW)



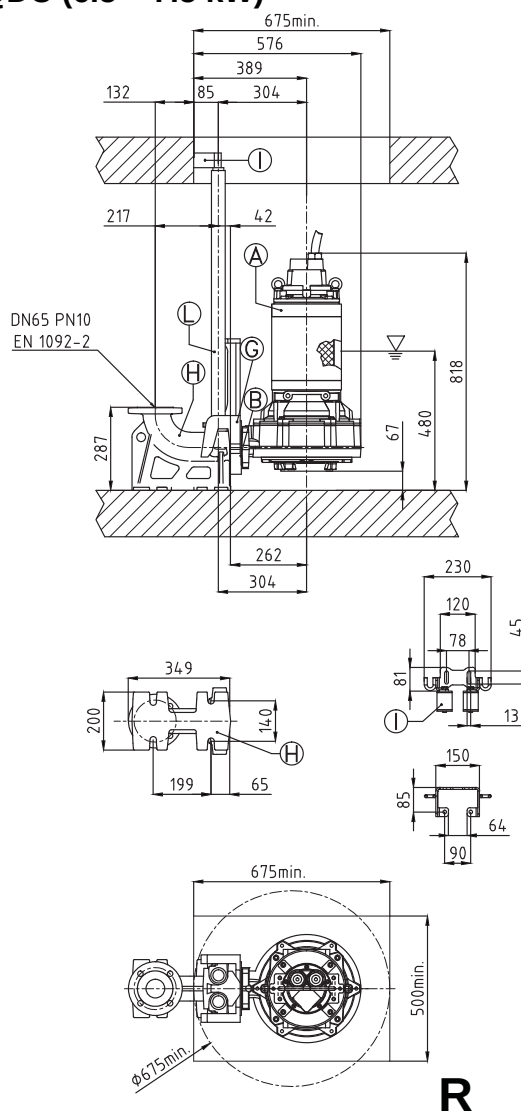
Size DA	Model	Output [kW]	Weight [kg]
40	40DRS54.2T2CG	4.2	67
	40DRS55T2BG	5.0	67
	40DRS55T2AG	5.0	67

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN50	Neoprene	-
Type: S			
E	Threaded flange 1"1/2	G250 Cast-Iron	1
F	Threaded elbow 90° 2"	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN50	GS400 Cast-Iron	1.5
H	Double guide coupling feet DN50	G250 Cast-Iron	6
I	Double guide rail upper support 3/4"	G250 Cast-Iron	1.1
L	Guide rail 3/4"	Galvanized Steel	-

65DRS/65DRS with QDC (6.5 ÷ 7.5 kW)



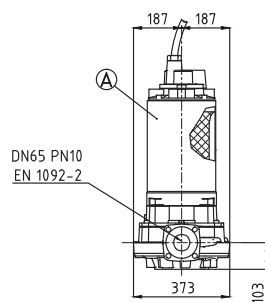
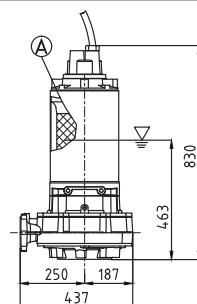
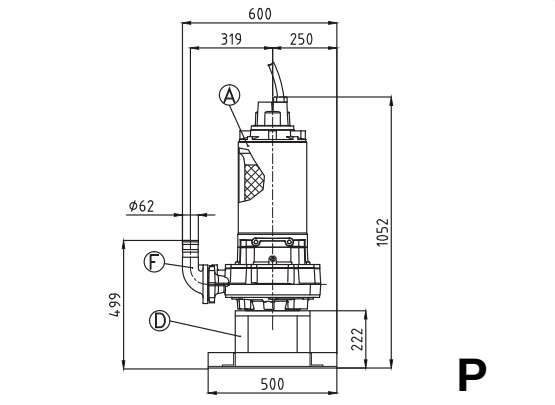
▽ MINIMUM SUBMERSIBLE LEVEL



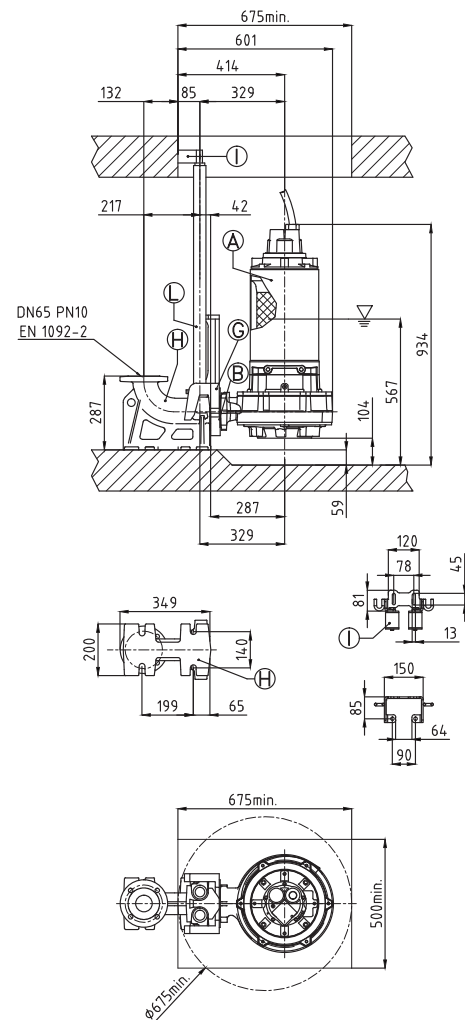
Size DA	Model	Output [kW]	Weight [kg]
DN65	65DRS56.5T2CG	6,5	178
EN 1092-2	65DRS57.5T2BG	7,5	178

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN65	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN65	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN65	GS400 Cast-Iron	20
H	Double guide coupling feet DN65	G250 Cast-Iron	19
I	Double guide rail upper support 2"	G250 Cast-Iron	1.9
L	Guide rail 2"	Galvanized Steel	4.5

65DRS/65DRS with QDC (9.0 ÷ 14.9 kW)



▽ MINIMUM SUBMERSIBLE LEVEL



Size DA	Model	Output [kW]	Weight [kg]
DN65 EN 1092-2	65DRS59T2DG	9.0	200
	65DRS511T2CG	11.0	200
	65DRS513.8T2BG	13.8	200
	65DRS513.8T2AG	13.8	200
	65DRS514.9T2GG	14.9	200

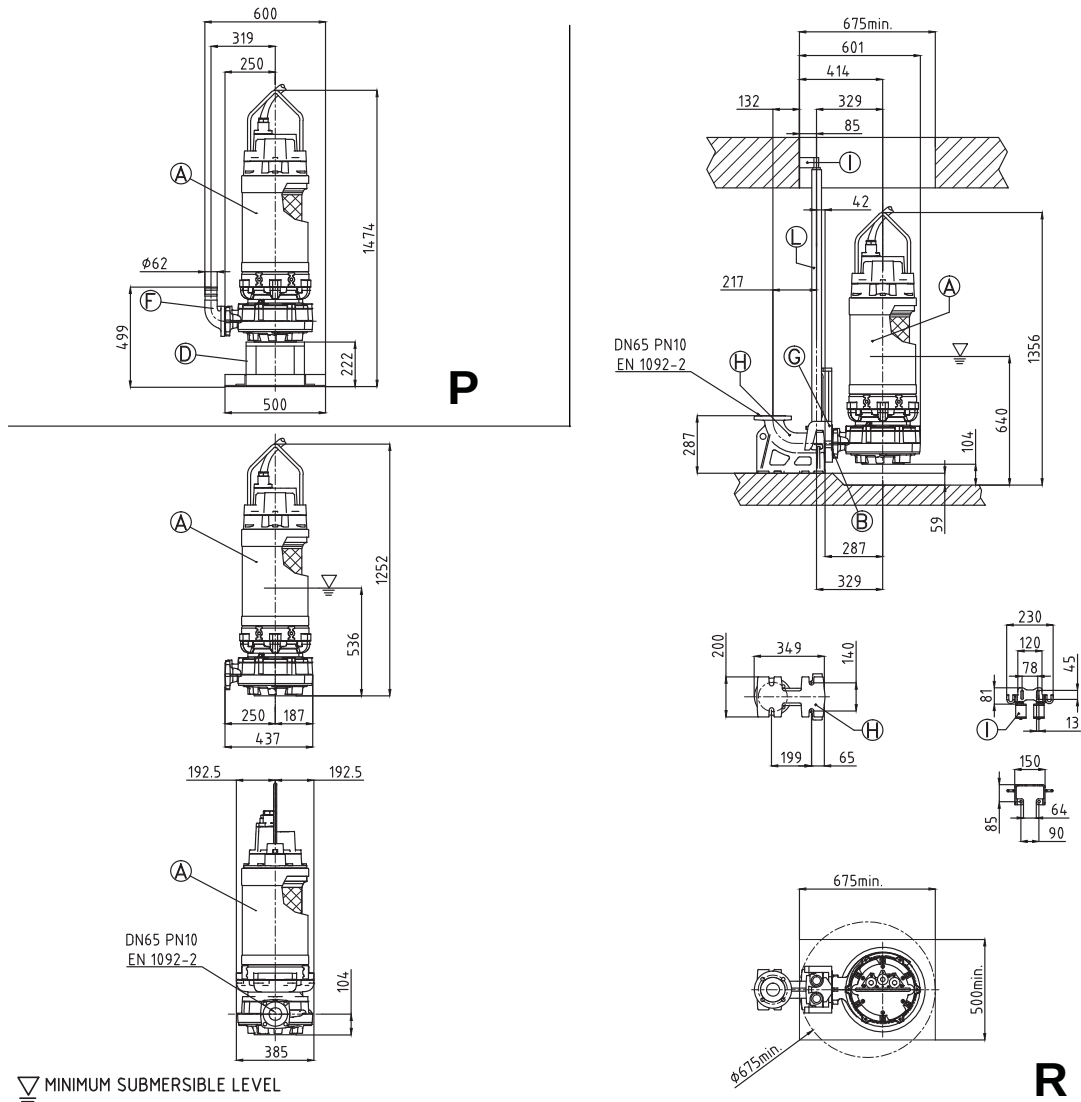
Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN65	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	25.1
F	Delivery elbow 90° DN65	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN65	GS400 Cast-Iron	20
H	Double guide coupling feet DN65	G250 Cast-Iron	19
I	Double guide rail upper support 2"	G250 Cast-Iron	1.9
L	Guide rail 2"	Galvanized Steel	4.5

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

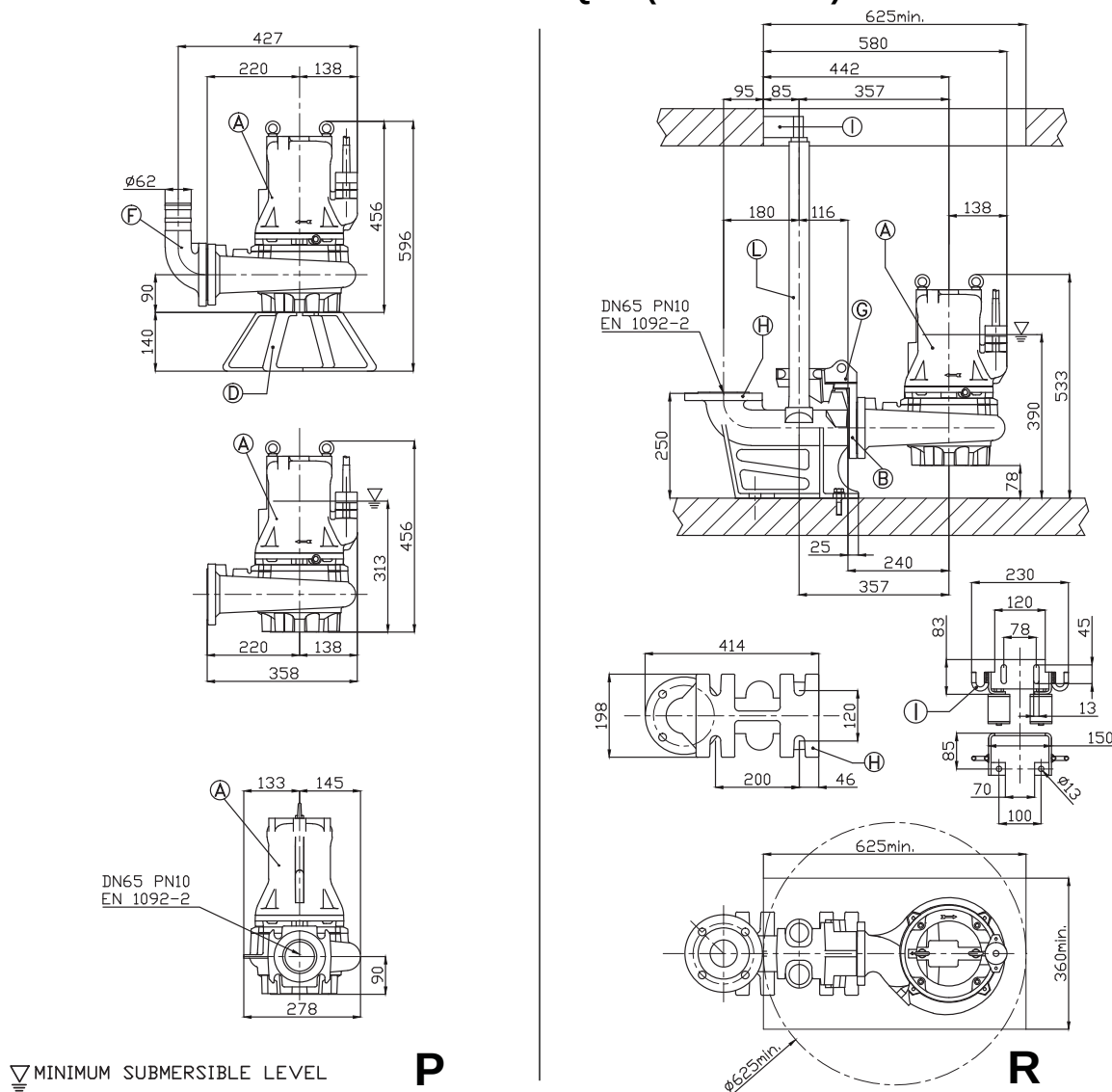
65DRS/65DRS with QDC (20.0 ÷ 25.1 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN65 EN 1092-2	65DRS520T2BG	20.0	340
	65DRS522.4T2AG	22.4	340
	65DRS525.1T2AG	25.1	340

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN65	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	25.1
F	Delivery elbow 90° DN65	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN65	GS400 Cast-Iron	20
H	Double guide coupling feet DN65	G250 Cast-Iron	19
I	Double guide rail upper support 2"	G250 Cast-Iron	1.9
L	Guide rail 2"	Galvanized Steel	4.5

65DRD/65DRD with QDC (3.1 ÷ 3.6 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN65	65DRD53.1T2CG	3,1	61
EN 1092-2	65DRD53.6T2BG	3,6	62

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN65	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	3
F	Delivery elbow 90° DN65	G250 Cast-Iron	3
Type: R			
G	Double guide rail coupling flange DN65	GS250 Cast-Iron	3
H	Double guide coupling feet DN65	G250 Cast-Iron	19
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

D SERIES

50 Hz

80DRD/80DRD with QDC (5.0 ÷ 6.0 kW)



Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN80	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	3
F	Delivery elbow 90° DN80	G250 Cast-Iron	6
Type: R			
G	Double guide rail coupling flange DN80	GS250 Cast-Iron	10
H	Double guide coupling feet DN80	G250 Cast-Iron	33
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

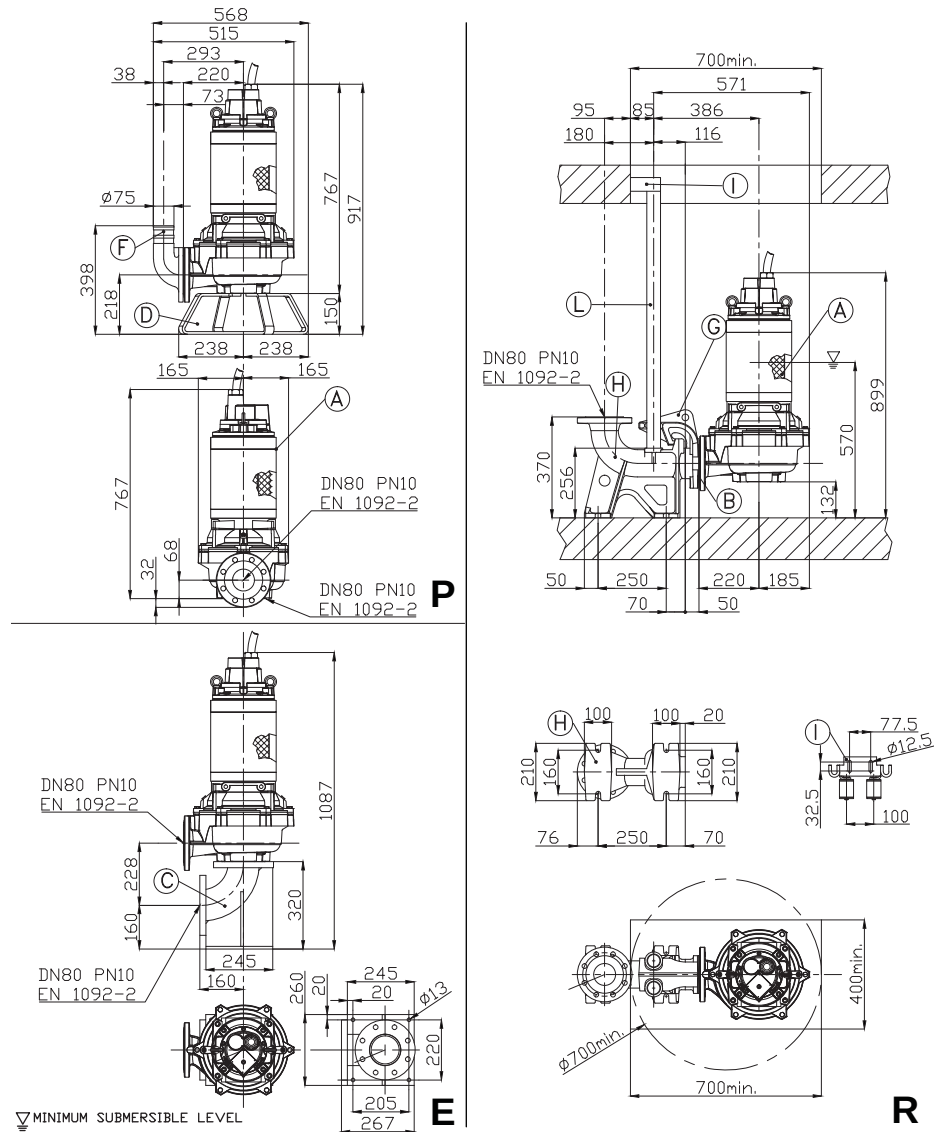
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

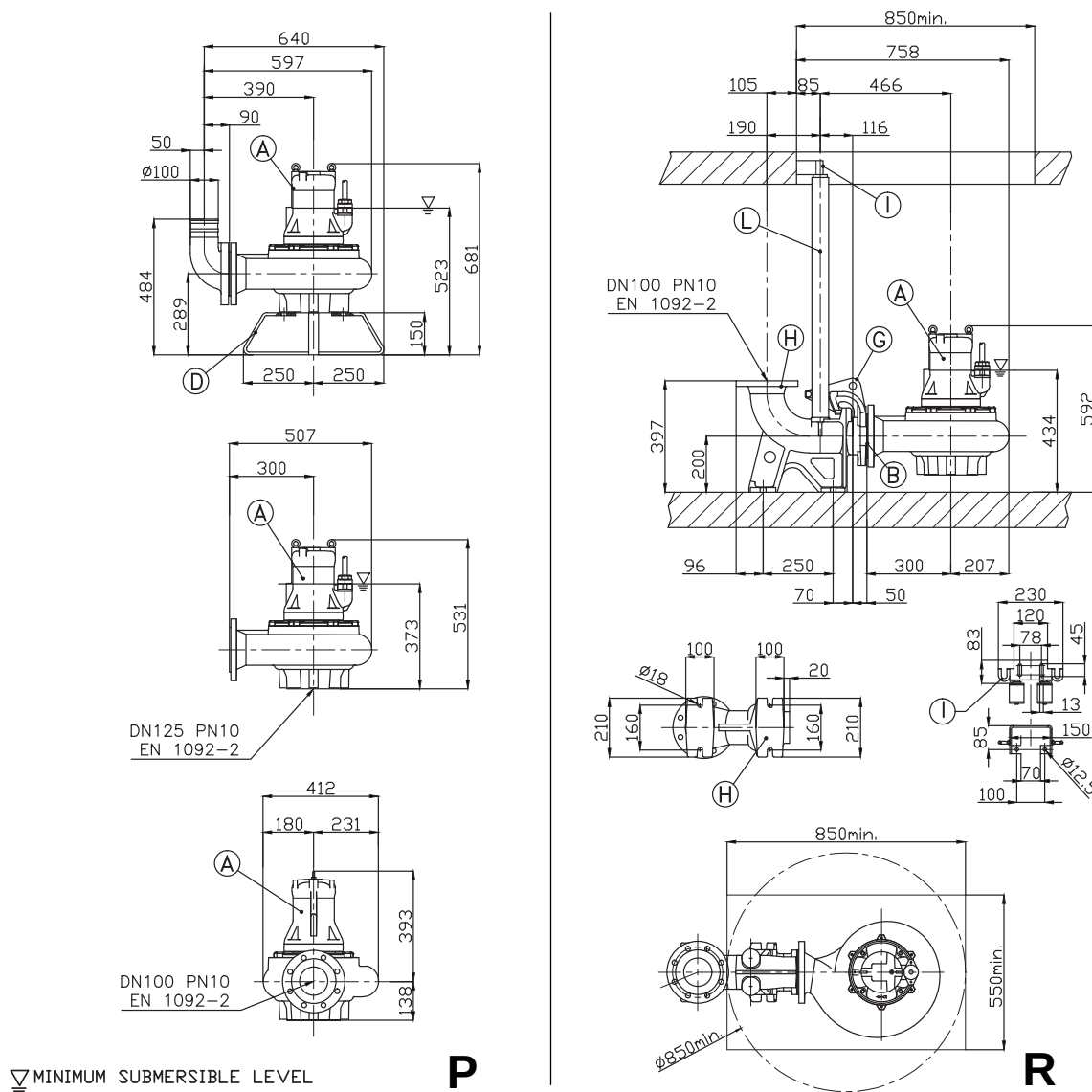
80DRD/80DRD with QDC (7.5 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN80 EN 1092-2	80DRD57.5T2AG	7,5	150

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN80	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	27
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN80	G250 Cast-Iron	6
Type: R			
G	Double guide rail coupling flange DN80	GS250 Cast-Iron	10
H	Double guide coupling feet DN80	G250 Cast-Iron	33
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

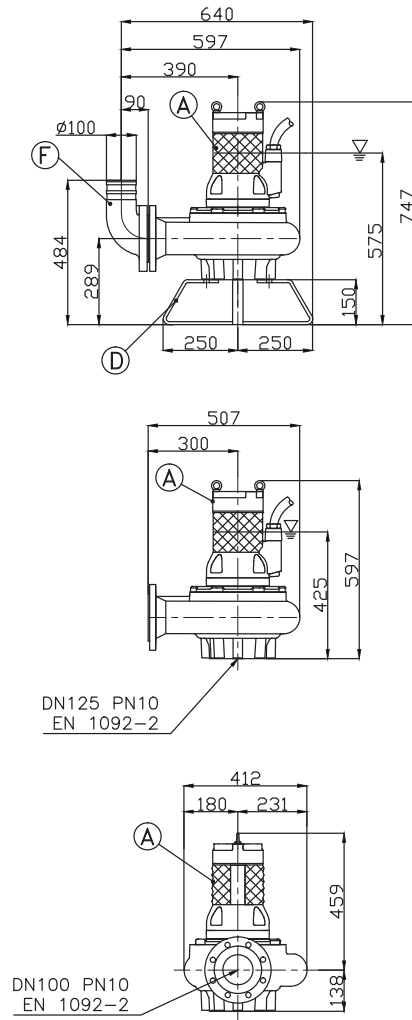
100DRD/100DRD with QDC (2.7 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN100 EN 1092-2	100DRD52.7T6AG	2.7	96

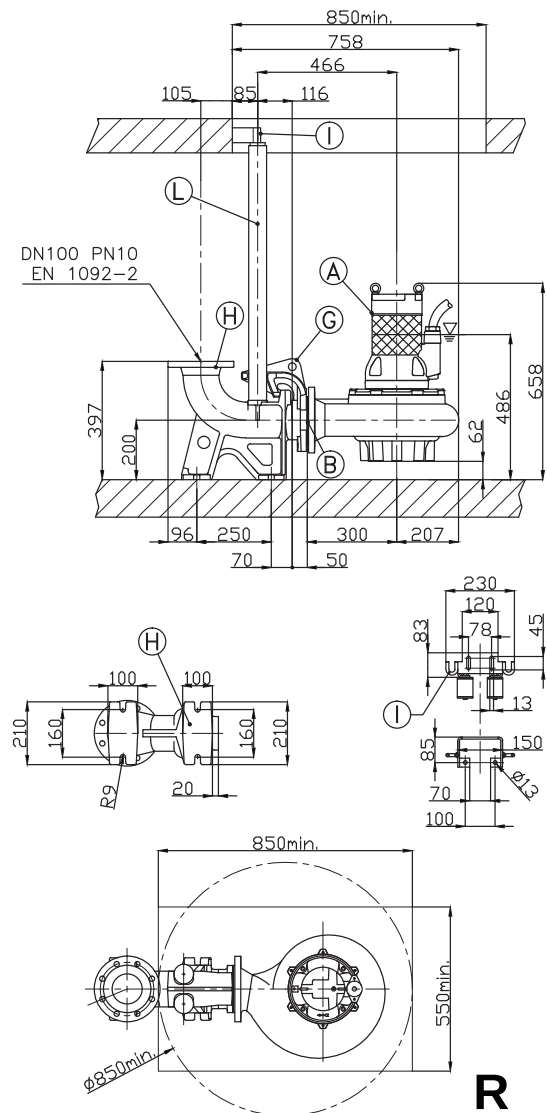
Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN100	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN100	G250 Cast-Iron	10
Type: R			
G	Double guide rail coupling flange DN100	GS250 Cast-Iron	12
H	Double guide coupling feet DN100	G250 Cast-Iron	35
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

100DRD/100DRD with QDC (2.8 ÷ 4.6 kW)



▽ MINIMUM SUBMERSIBLE LEVEL

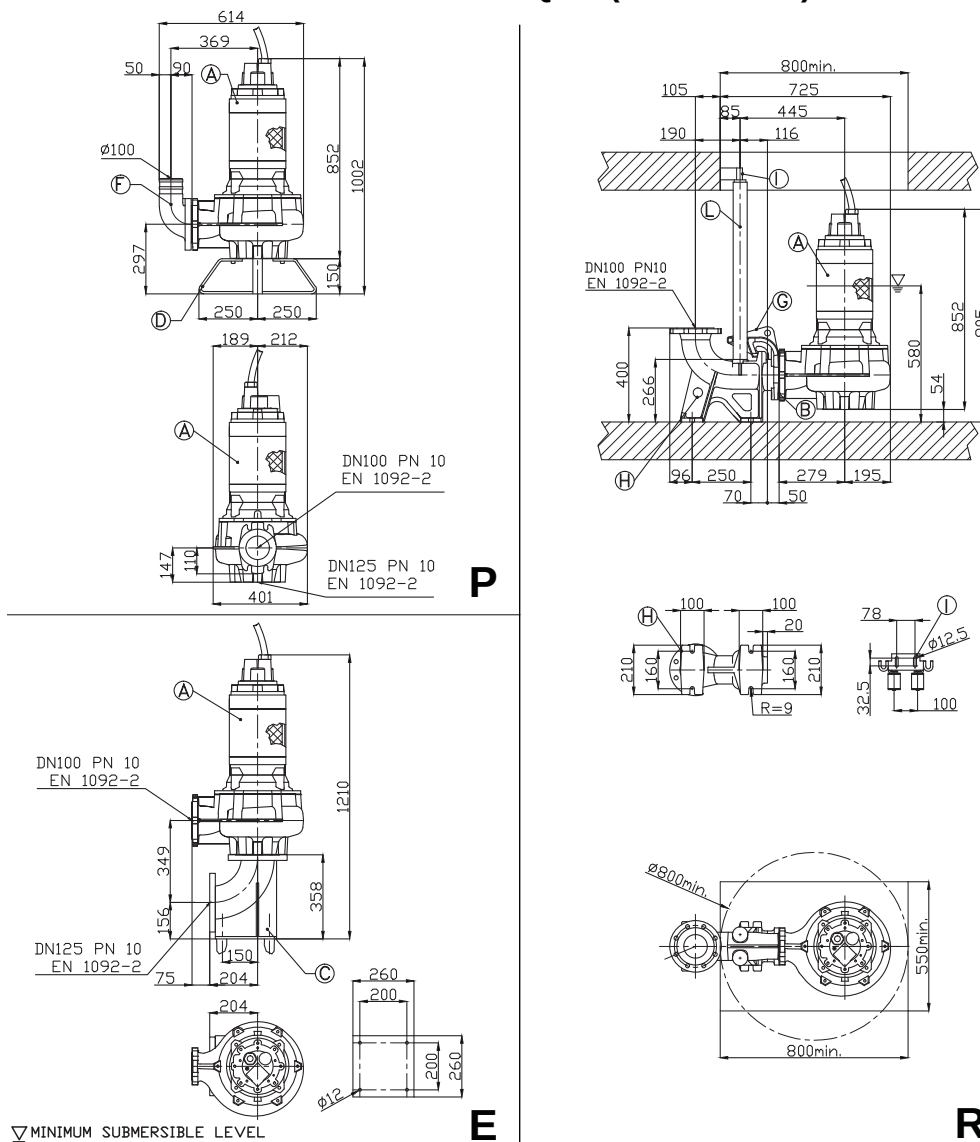
P



Size DA	Model	Output [kW]	Weight [kg]
DN100 EN 1092-2	100DRD52.8T6AG	2,8	114
	100DRD54.6T4CG	4,6	115
	100DRD54.6T4BG	4,6	115

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN100	Neoprene	-
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN100	G250 Cast-Iron	10
Type: R			
G	Double guide rail coupling flange DN100	GS250 Cast-Iron	12
H	Double guide coupling feet DN100	G250 Cast-Iron	35
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

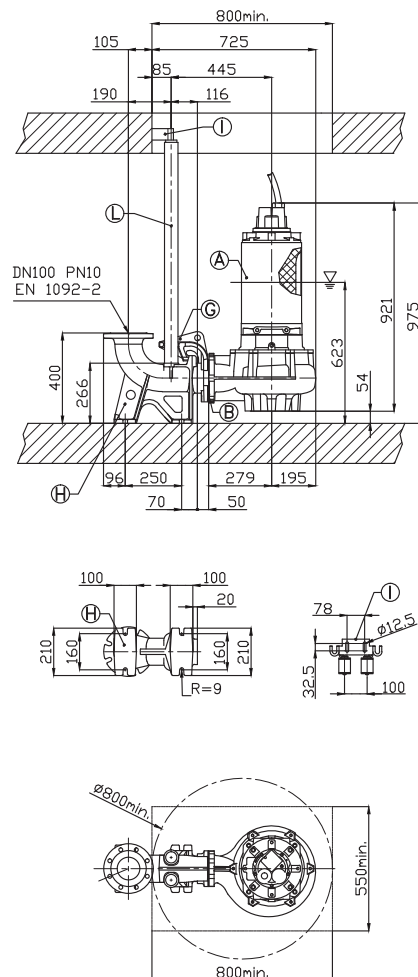
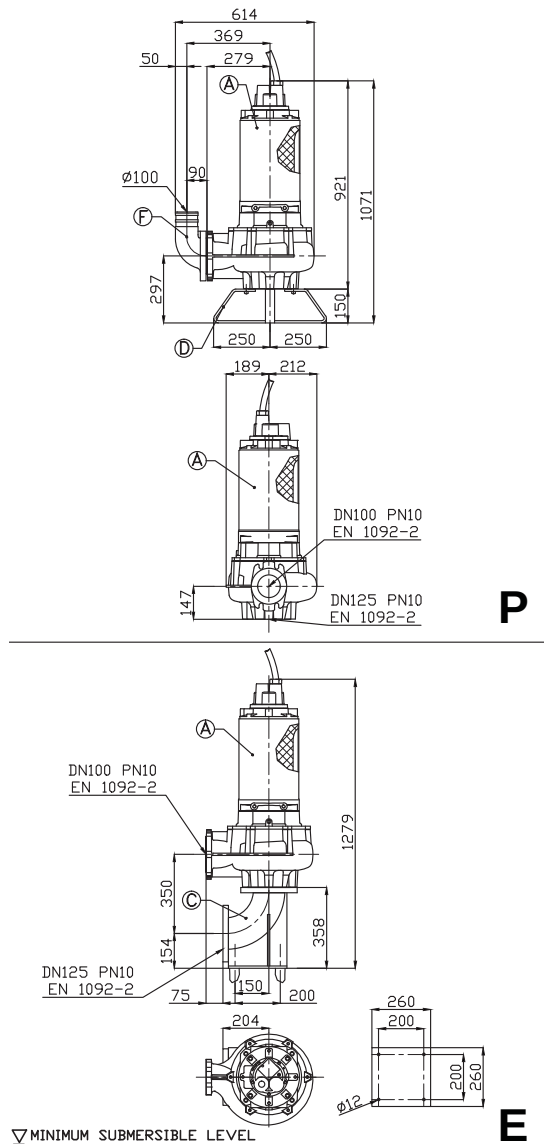
100DRD/100DRD with QDC (7.1 ÷ 7.5 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN100 EN 1092-2	100DRD57.1T4BG	7,1	170
	100DRD57.5T4FG	7,5	175

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN100	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	27
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN100	G250 Cast-Iron	10
Type: R			
G	Double guide rail coupling flange DN100	GS250 Cast-Iron	12
H	Double guide coupling feet DN100	G250 Cast-Iron	35
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

100DRD/100DRD with QDC (10.0 kW)

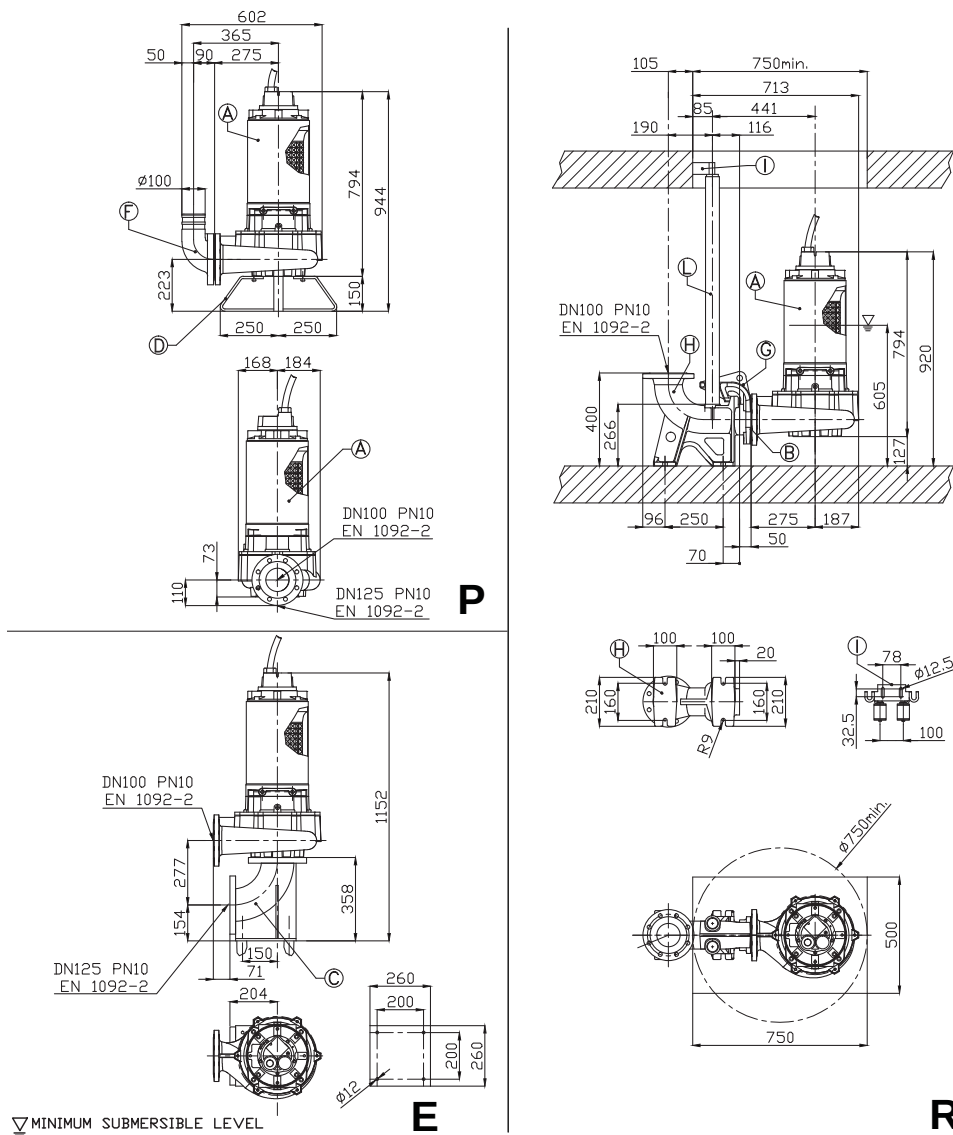


▽ MINIMUM SUBMERSIBLE LEVEL

Size DA	Model	Output [kW]	Weight [kg]
DN100 EN 1092-2	100DRD510T4FG	10.0	205
	100DRD510T4AG	10.0	200

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN100	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	27
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN100	G250 Cast-Iron	10
Type: R			
G	Double guide rail coupling flange DN100	GS250 Cast-Iron	12
H	Double guide coupling feet DN100	G250 Cast-Iron	35
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

100DRD/100DRD with QDC (12.0 ÷ 18.2 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN100 EN 1092-2	100DRD512T2DG	12.0	200
	100DRD514.9T2CG	14.9	195
	100DRD516.6T2BG	16.6	205
	100DRD518.2T2AG	18.2	206

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN100	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	27
Type: P			
D	X foot rest	Galvanized Steel	5
F	Delivery elbow 90° DN100	G250 Cast-Iron	10
Type: R			
G	Double guide rail coupling flange DN100	GS250 Cast-Iron	12
H	Double guide coupling feet DN100	G250 Cast-Iron	35
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

D SERIES

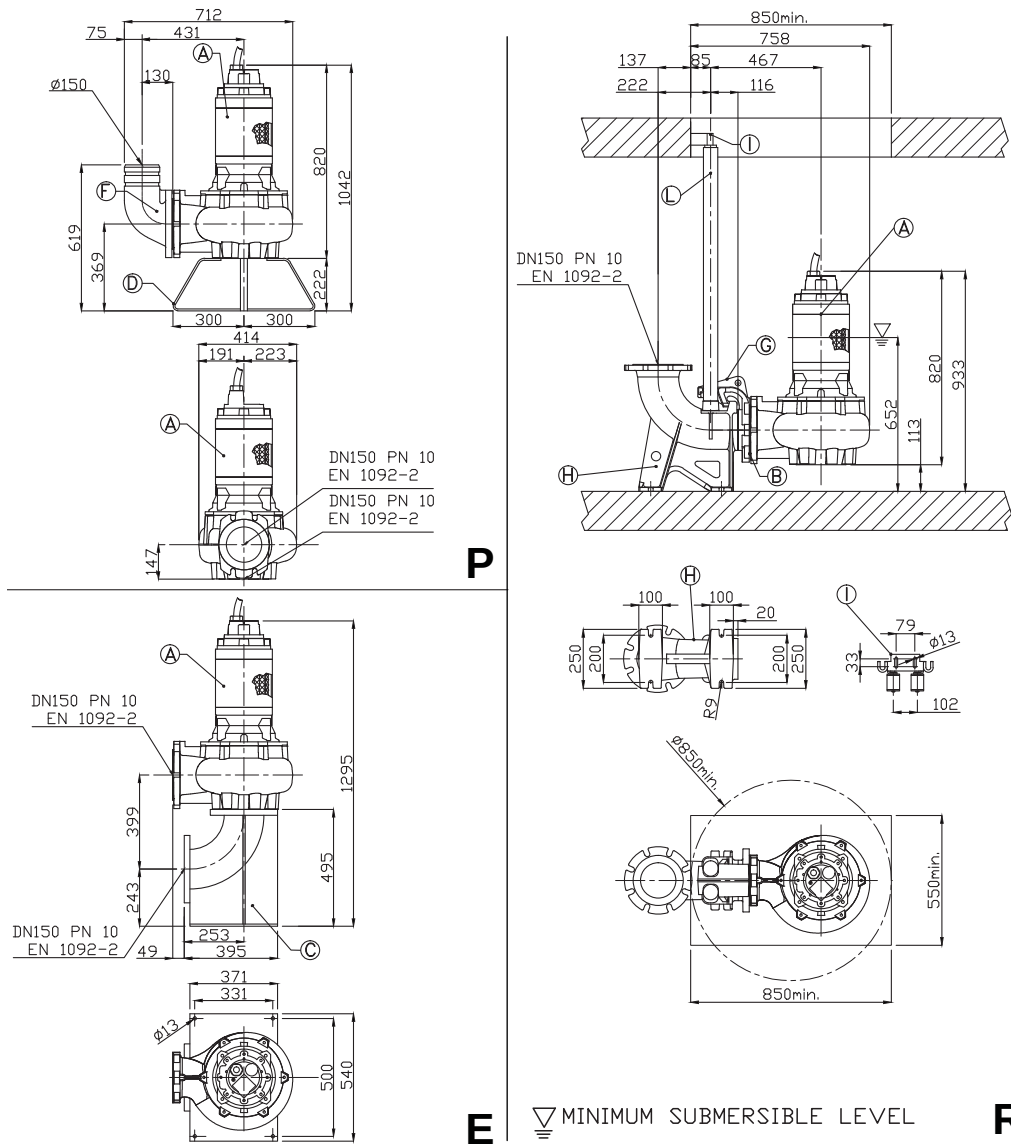
50 Hz

100DRD/100DRD with QDC (20.0 kW)



Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN100	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	27
Type: P			
D	X foot rest	Galvanized Steel	23
F	Delivery elbow 90° DN100	G250 Cast-Iron	10
Type: R			
G	Double guide rail coupling flange DN100	GS250 Cast-Iron	12
H	Double guide coupling feet DN100	G250 Cast-Iron	35
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

150DRD/150DRD with QDC (6.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN150 EN 1092-2	150DRD56T6CG	6.0	190

Pos.	Description	Material	Weight Kg
A	Submersible Pump	-	-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	40
Type: P			
D	X foot rest	Galvanized Steel	9
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	12
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

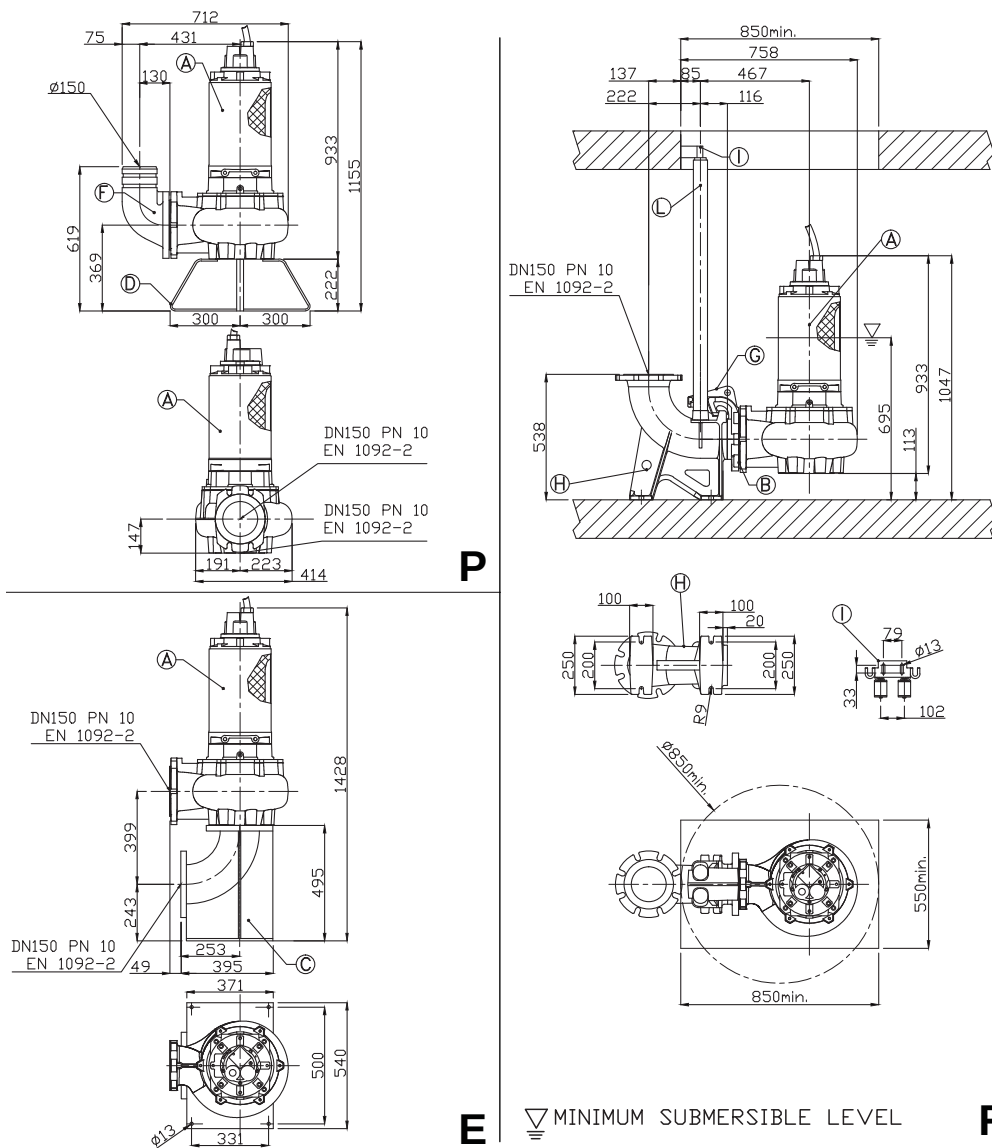
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

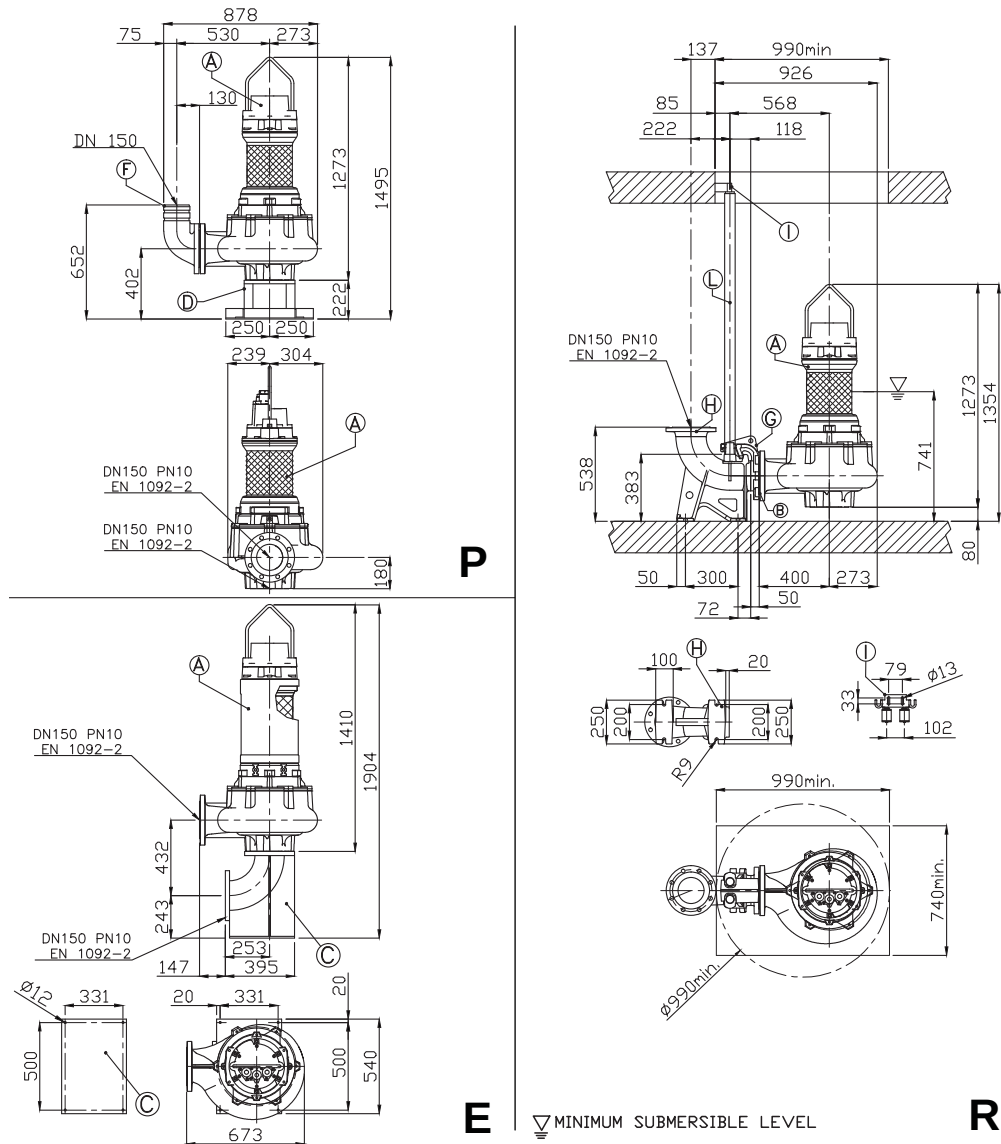
150DRD/150DRD with QDC (8.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN150 EN 1092-2	150DRD58T6BG	8.0	220

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	40
Type: P			
D	X foot rest	Galvanized Steel	9
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	12
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

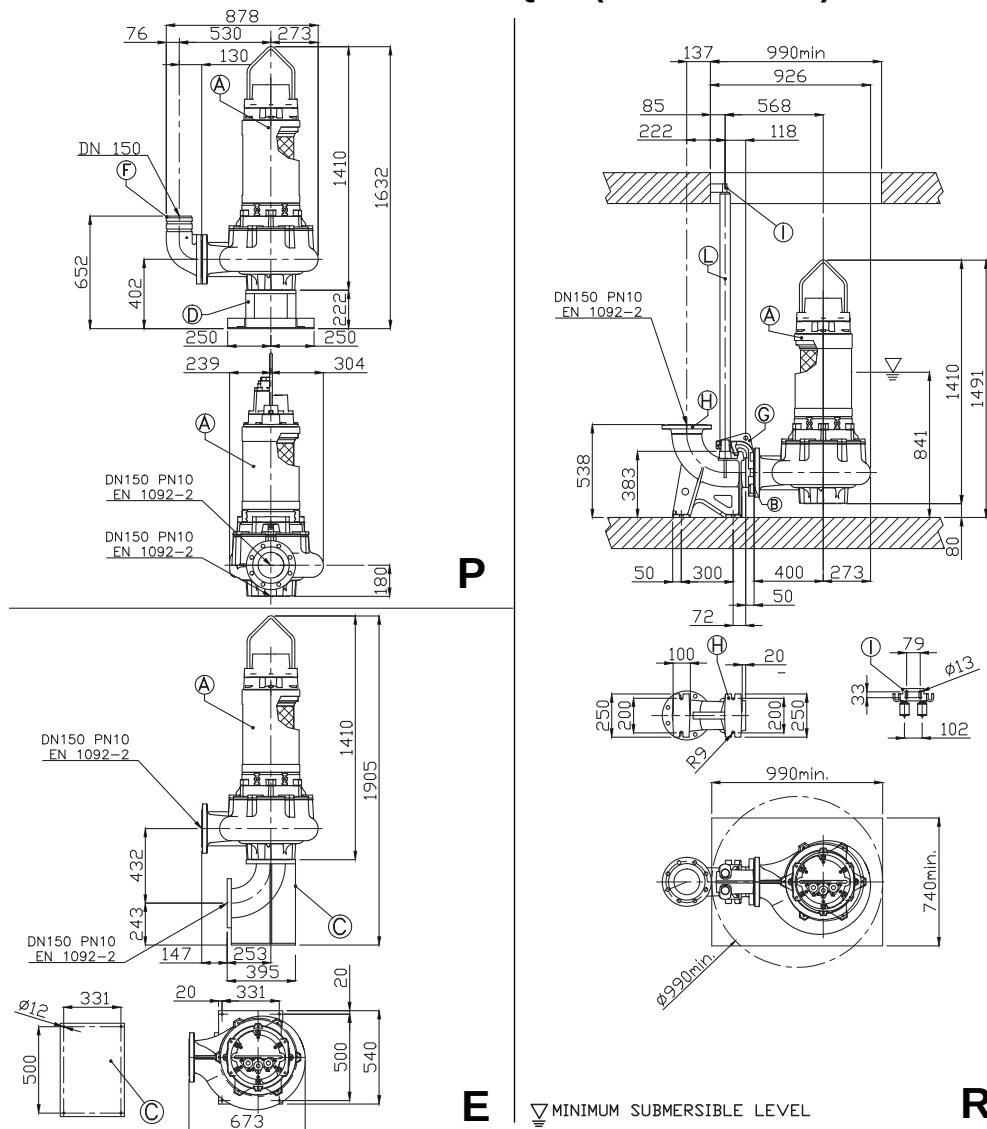
150DRD/150DRD with QDC (12.0 ÷ 14.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN150	150DRD512T6AG	12.0	382
EN 1092-2	150DRD514T6BG	14.0	375

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	40
Type: P			
D	X foot rest	Galvanized Steel	25.1
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	12
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

150DRD/150DRD with QDC (23.0 ÷ 27.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN150 EN 1092-2	150DRD523T4CG	23.0	430
	150DRD527T4BG	27.0	430
	150DRD527T4AG	27.0	430

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	40
Type: P			
D	X foot rest	Galvanized Steel	25.1
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	12
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

D SERIES

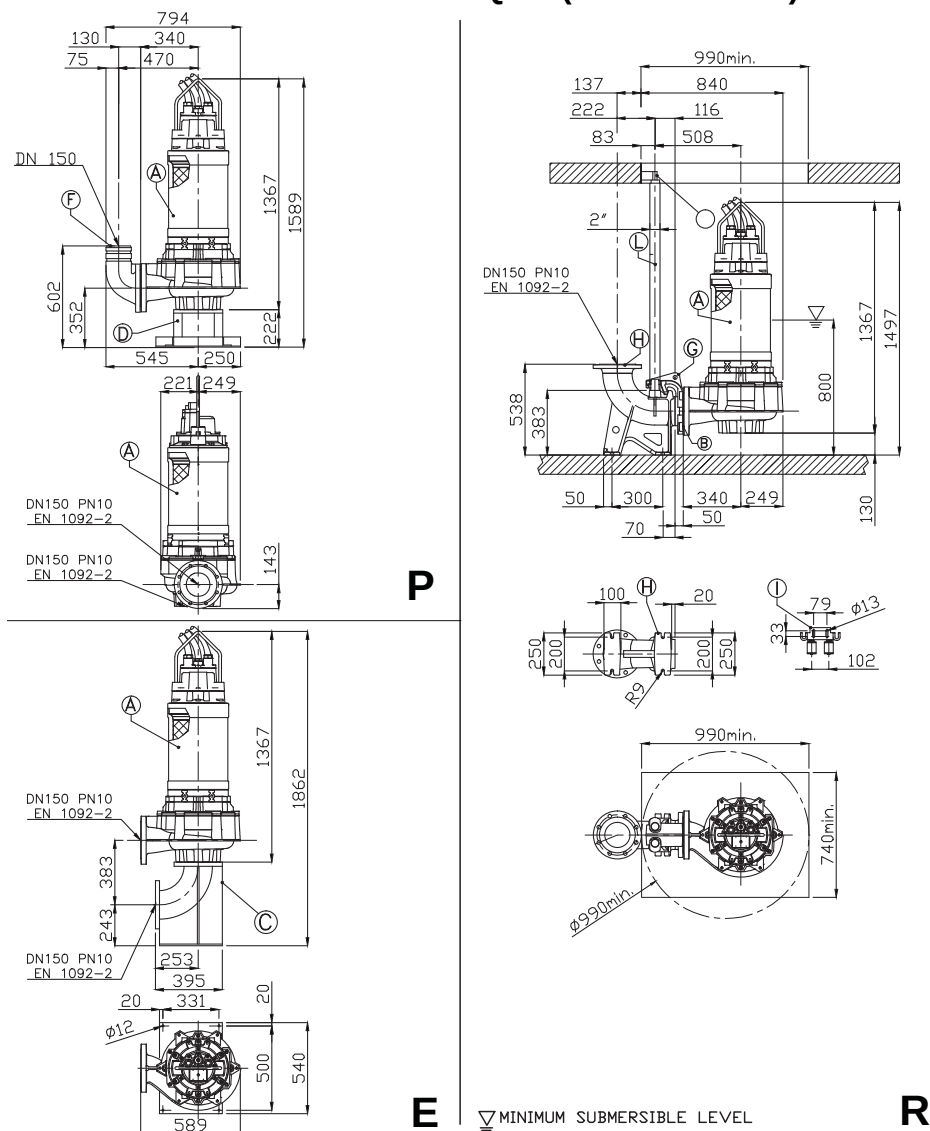
50 Hz

150DRD/150DRD with QDC (30.0 ÷ 41.0 kW)



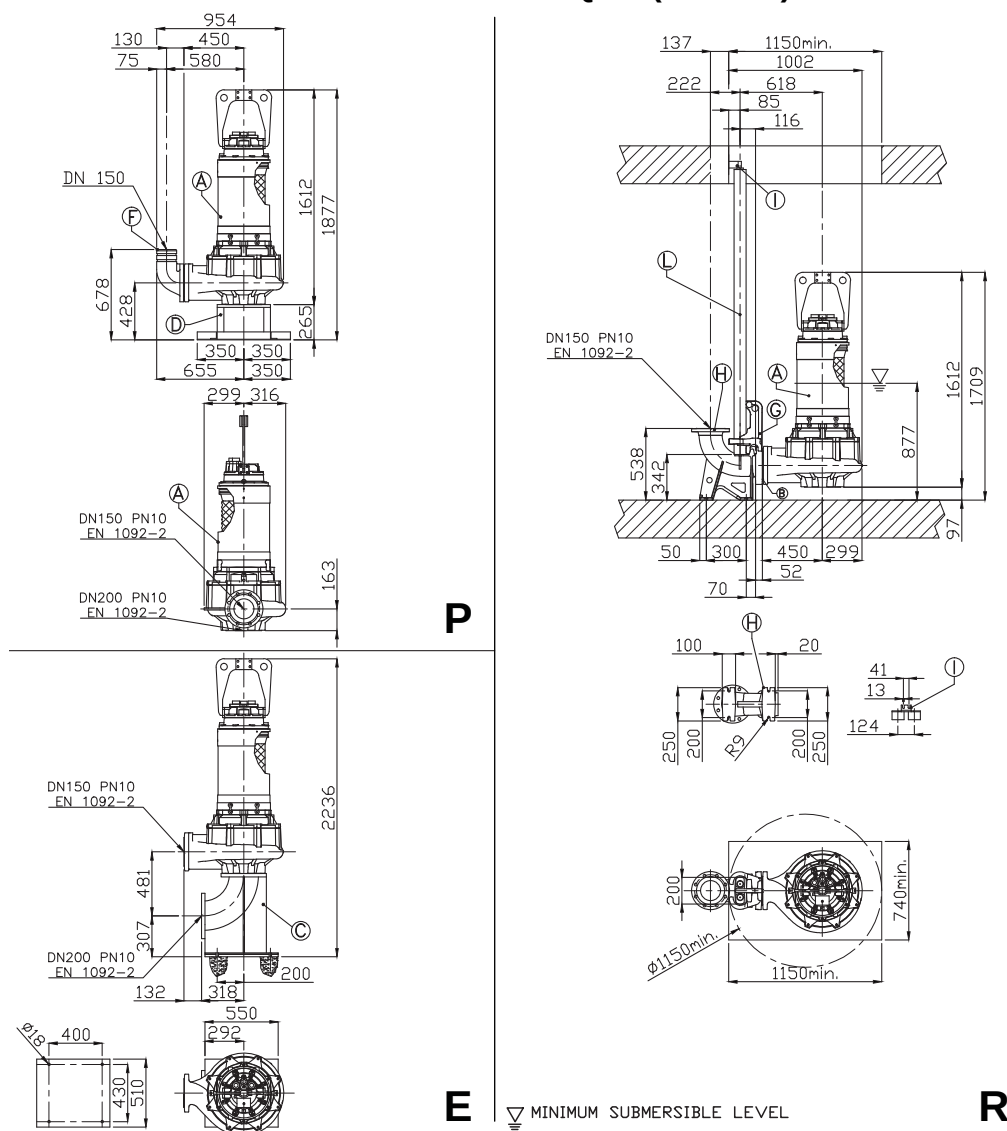
Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	40
Type: P			
D	X foot rest	Galvanized Steel	25.1
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	12
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

150DRD/150DRD with QDC (35.0 ÷ 52.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN150 EN 1092-2	150DRD535T2AG	35.0	512
	150DRD540.2T2BG	40.2	500
	150DRD552T2CG	52.0	495

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	40
Type: P			
D	X foot rest	Galvanized Steel	25.1
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	12
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

150DRD/150DRD with QDC (60.0 kW)

Size DA	Model	Output [kW]	Weight [kg]
DN150 EN 1092-2	150DRD560T4GG	60.0	745

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	59
Type: P			
D	X foot rest	Galvanized Steel	18
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	38
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	-

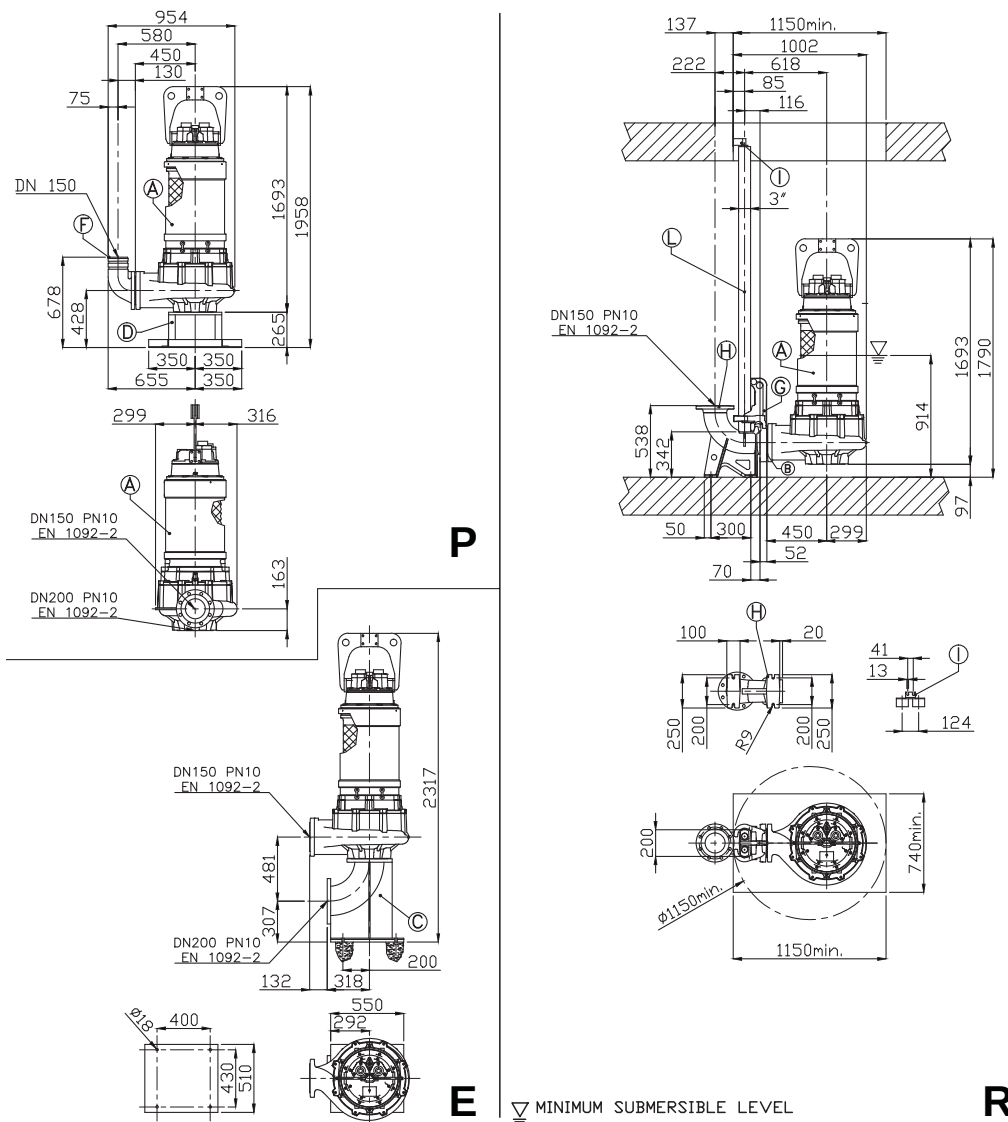
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

150DRD/150DRD with QDC (75.0 ÷ 80.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN150 EN 1092-2	150DRD575T4CG	75,0	915
	150DRD580T4BG	80,0	915
	150DRD580T4AG	80,0	915

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN150	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	59
Type: P			
D	X foot rest	Galvanized Steel	18
F	Delivery elbow 90° DN150	G250 Cast-Iron	20
Type: R			
G	Double guide rail coupling flange DN150	GS250 Cast-Iron	38
H	Double guide coupling feet DN150	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	-

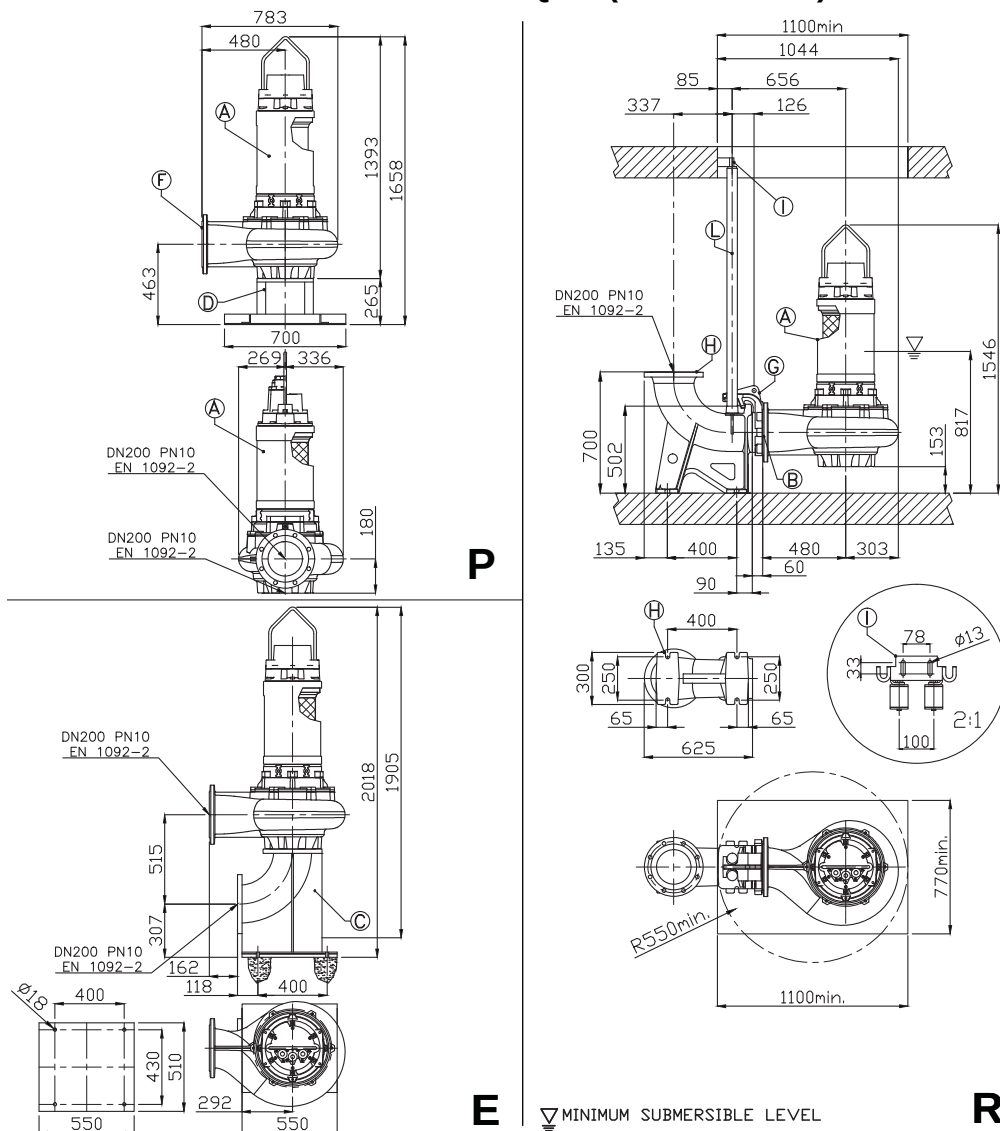
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

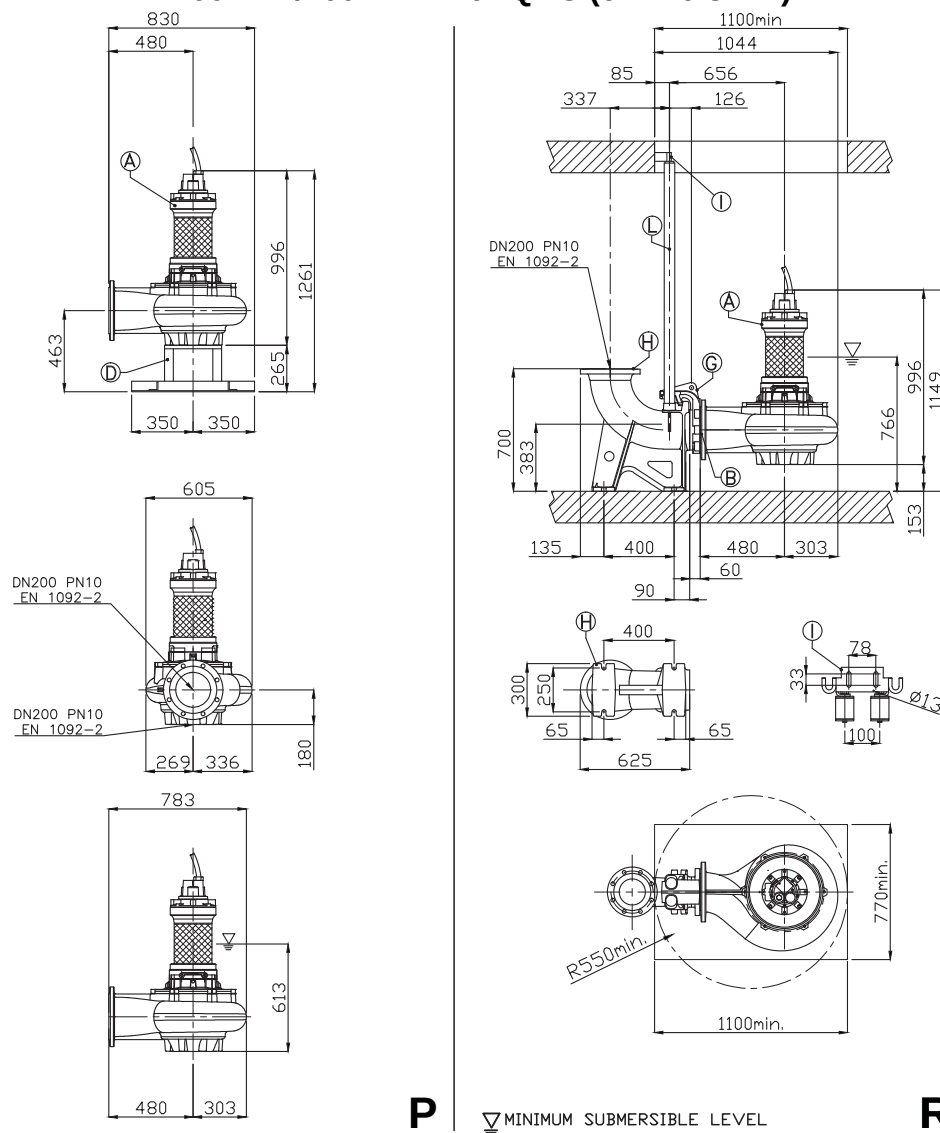
200DRD/200DRD with QDC (6.0 ÷ 23.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN200 EN 1092-2	200DRD56T8AG	6,0	430
	200DRD59.3T8CG	9,3	430
	200DRD59.3T8BG	9,3	435
	200DRD515.8T6CG	15,8	460
	200DRD518.9T6BG	18,9	460
	200DRD523T6AG	23,0	460

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN200	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	59
Type: P			
D	X foot rest	Galvanized Steel	18
Type: R			
G	Double guide rail coupling flange DN200	GS250 Cast-Iron	30
H	Double guide coupling feet DN200	G250 Cast-Iron	120
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

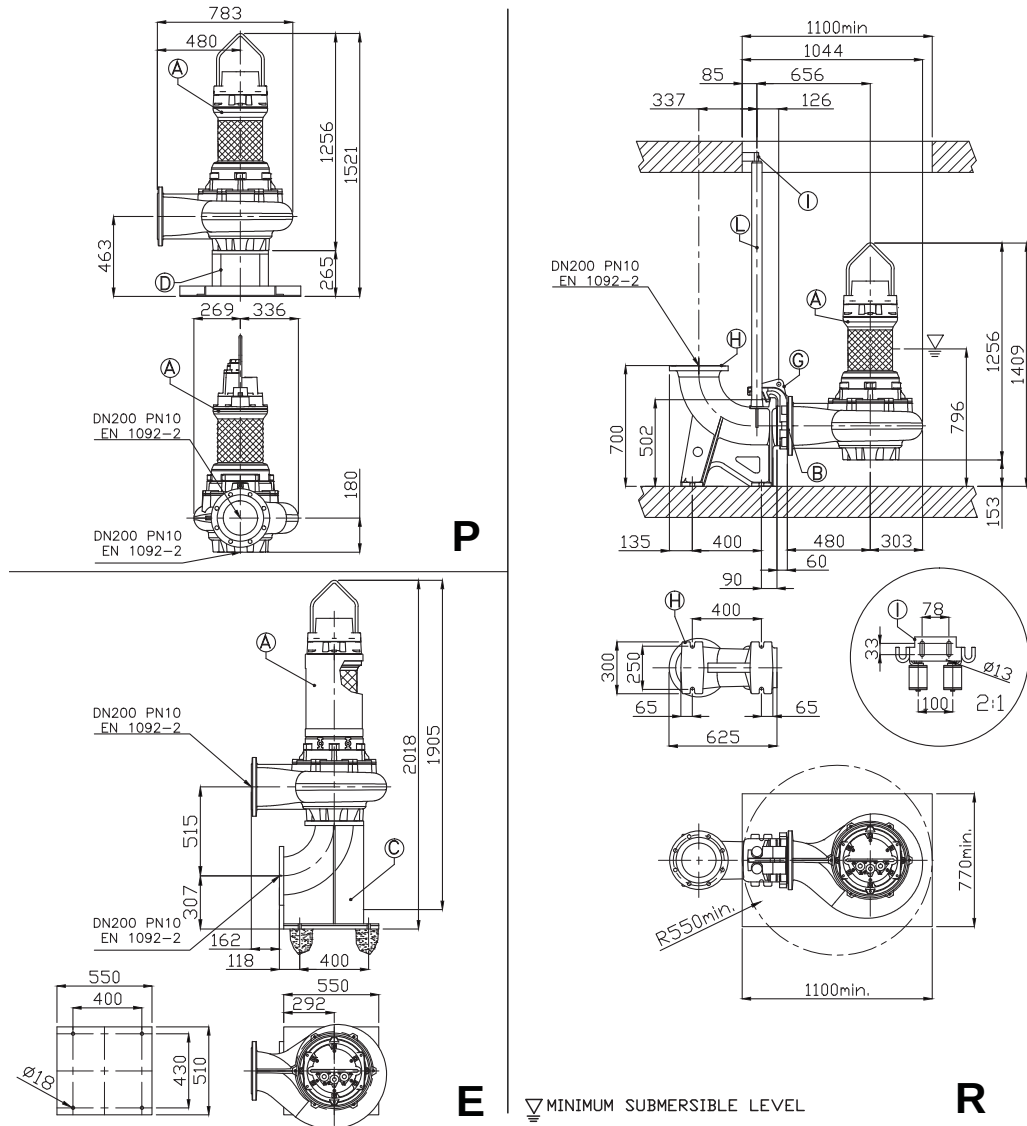
200DRD/200DRD with QDC (6.2 ÷ 9.8 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN200 EN 1092-2	200DRD56.2T8CG	6,2	330
	200DRD58T8AG	8,0	330
	200DRD59.8T6CG	9,8	332

Pos.	Description	Material	Weight Kg
A	Submersible Pump	-	-
B	Rubber joint DN200	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	59
Type: P			
D	X foot rest	Galvanized Steel	18
Type: R			
G	Double guide rail coupling flange DN200	GS250 Cast-Iron	30
H	Double guide coupling feet DN200	G250 Cast-Iron	120
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

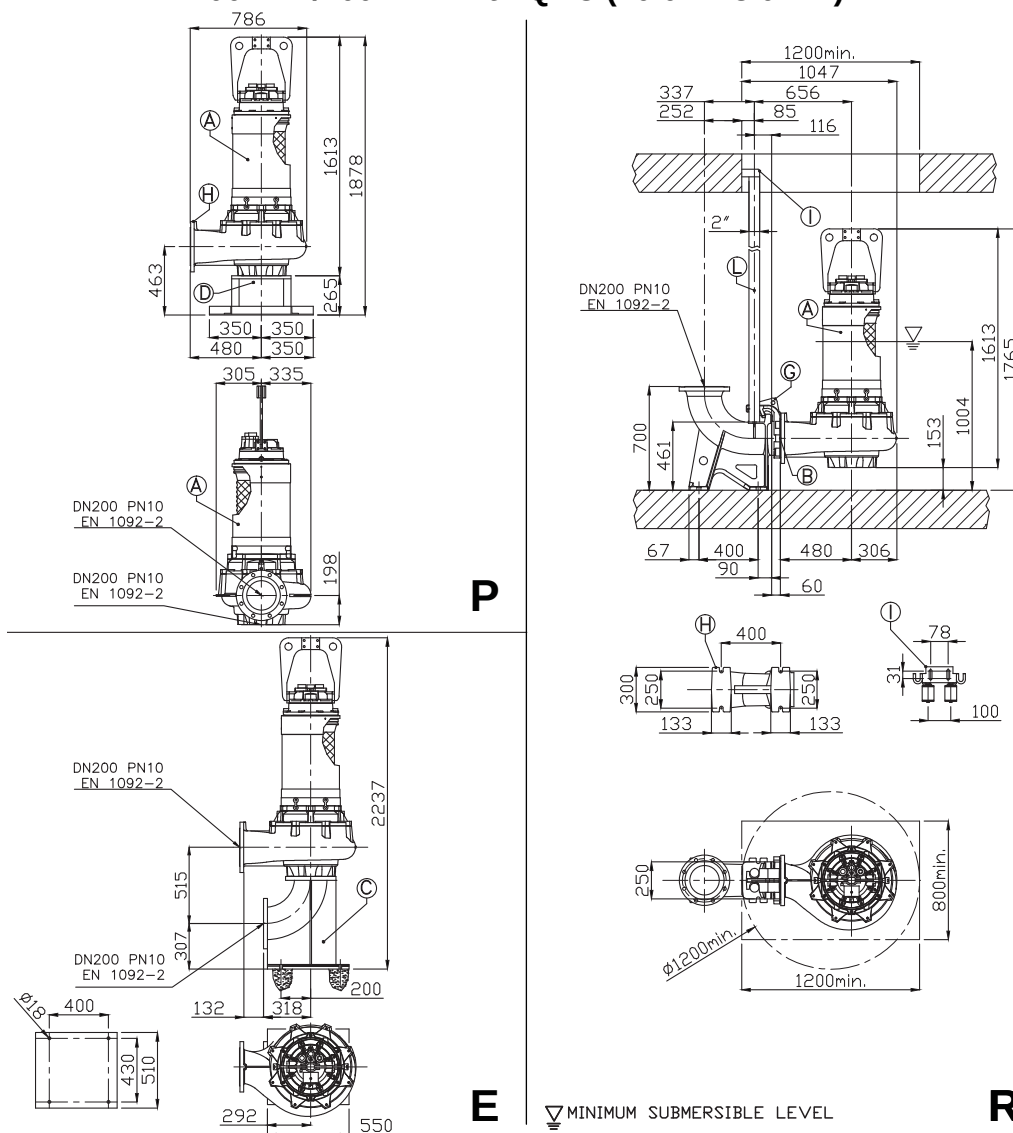
200DRD/200DRD with QDC (14.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN200	200DRD514T6BG	14,0	385
EN 1092-2	200DRD514T6AG	14,0	382

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN200	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	59
Type: P			
D	X foot rest	Galvanized Steel	18
Type: R			
G	Double guide rail coupling flange DN200	GS250 Cast-Iron	30
H	Double guide coupling feet DN200	G250 Cast-Iron	120
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

200DRD/200DRD with QDC (40.0 ÷ 48.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN200 EN 1092-2	200DRD540T4CG	40.0	665
	200DRD544T4BG	44.0	665
	200DRD548T4AG	48.0	665

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN200	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	59
Type: P			
D	X foot rest	Galvanized Steel	18
Type: R			
G	Double guide rail coupling flange DN200	GS250 Cast-Iron	30
H	Double guide coupling feet DN200	G250 Cast-Iron	60
I	Double guide rail upper support 2"	Galvanized Steel	1.9
L	Guide rail 2"	Galvanized Steel	4.5

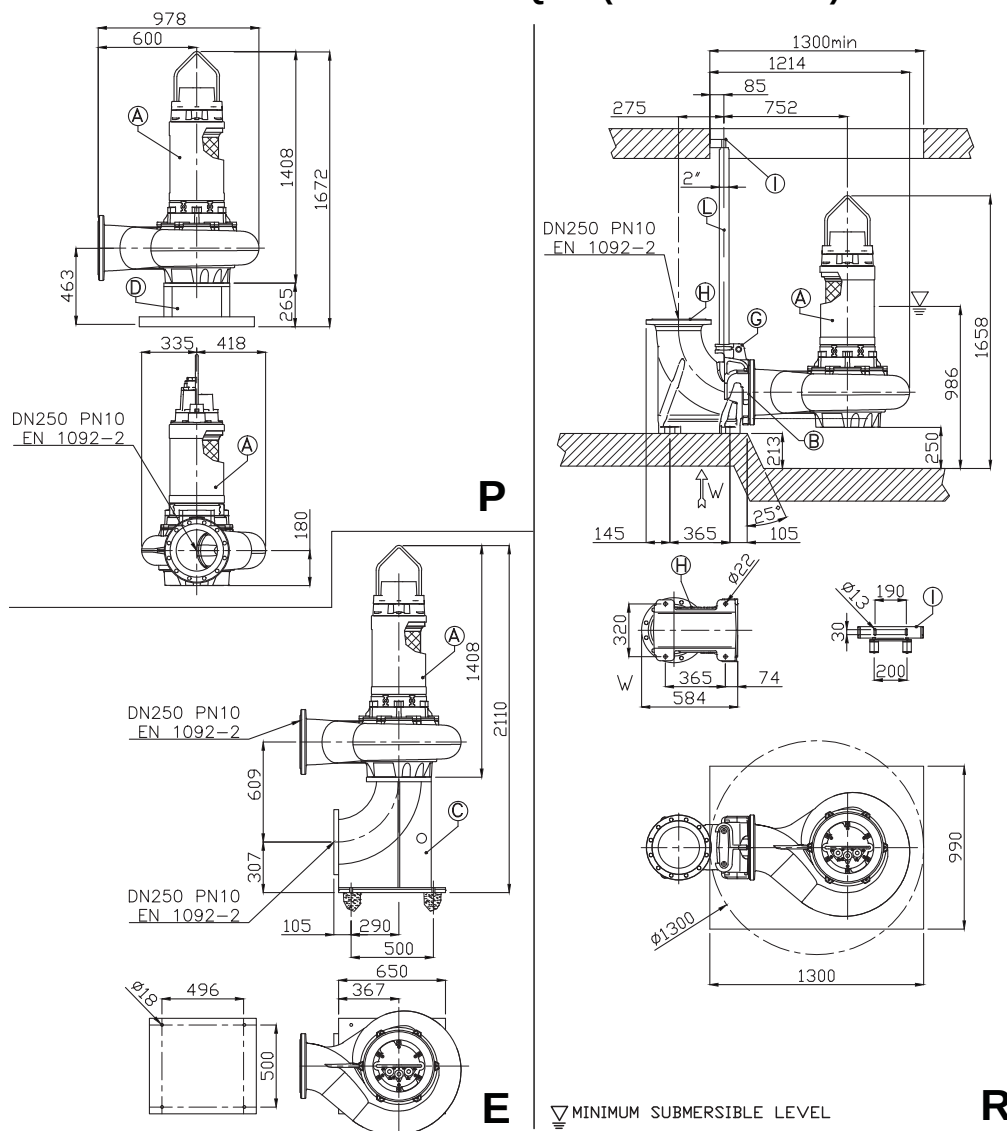
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

250DRD/250DRD with QDC (12.4 ÷ 23.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN250 EN 1092-2	250DRD512.4T8DG	12,4	520
	250DRD517.1T8CG	17,1	520
	250DRD523T6DG	23,0	530

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN250	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	65
Type: P			
D	X foot rest	Galvanized Steel	20
Type: R			
G	Double guide rail coupling flange DN250	GS250 Cast-Iron	36
H	Double guide coupling feet DN250	G250 Cast-Iron	135
I	Double guide rail upper support 2"	Galvanized Steel	4.1
L	Guide rail 2"	Galvanized Steel	4.5

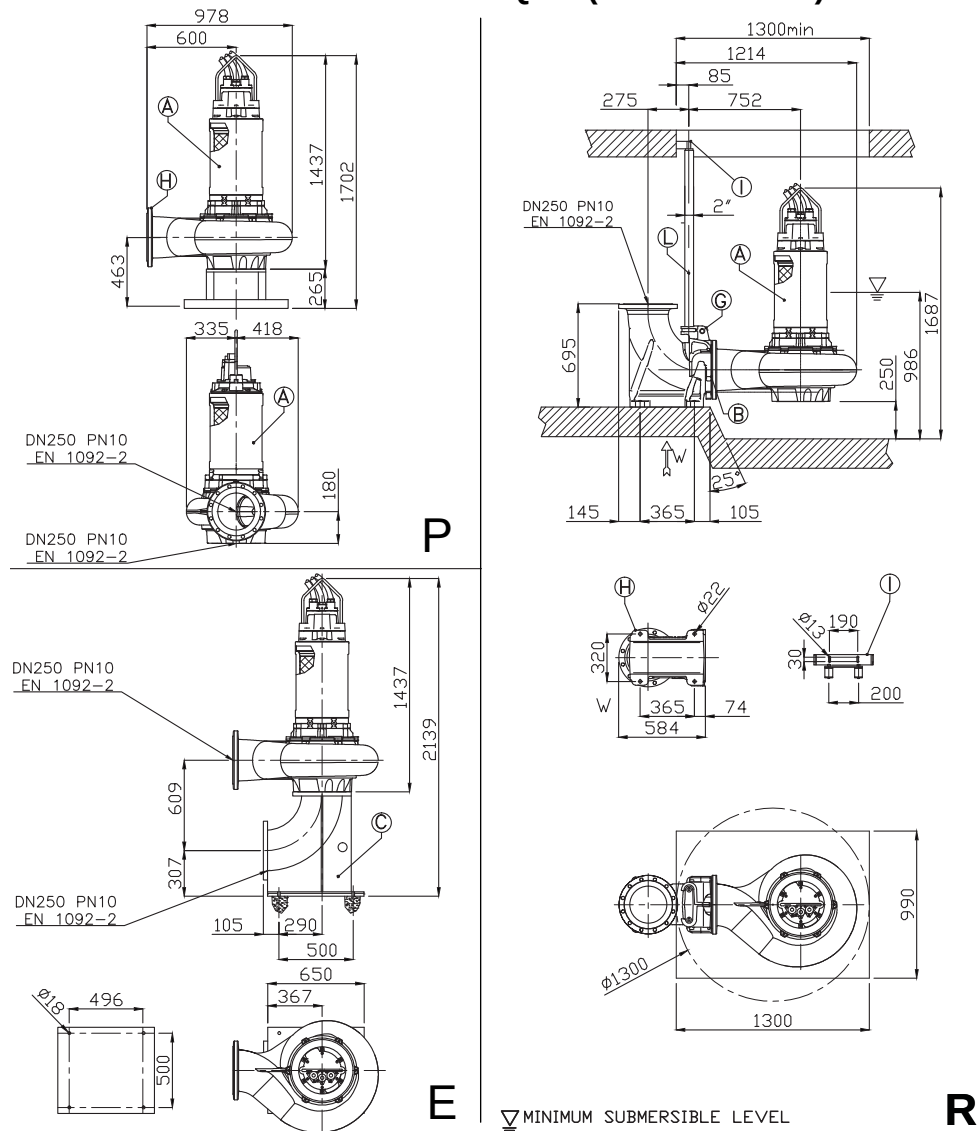
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

250DRD/250DRD with QDC (19.0 ÷ 29.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN250 EN 1092-2	250DRD519T8AG	19,0	600
	250DRD529T6CG	29,0	590

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN250	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	65
Type: P			
D	X foot rest	Galvanized Steel	20
Type: R			
G	Double guide rail coupling flange DN250	GS250 Cast-Iron	36
H	Double guide coupling feet DN250	G250 Cast-Iron	135
I	Double guide rail upper support 2"	Galvanized Steel	4.1
L	Guide rail 2"	Galvanized Steel	4.5

D SERIES

50 Hz

250DRD/250DRD with QDC (15.0 kW)



Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN250	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	65
Type: P			
D	X foot rest	Galvanized Steel	20
Type: R			
G	Double guide rail coupling flange DN250	GS250 Cast-Iron	36
H	Double guide coupling feet DN250	G250 Cast-Iron	135
I	Double guide rail upper support 2"	Galvanized Steel	4.1
L	Guide rail 2"	Galvanized Steel	4.5

D SERIES

50 Hz

250DRD/250DRD with QDC (39.2 kW)



Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN250	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	65
Type: P			
D	X foot rest	Galvanized Steel	20
Type: R			
G	Double guide rail coupling flange DN250	GS250 Cast-Iron	36
H	Double guide coupling feet DN250	G250 Cast-Iron	135
I	Double guide rail upper support 2"	Galvanized Steel	4.1
L	Guide rail 2"	Galvanized Steel	4.5

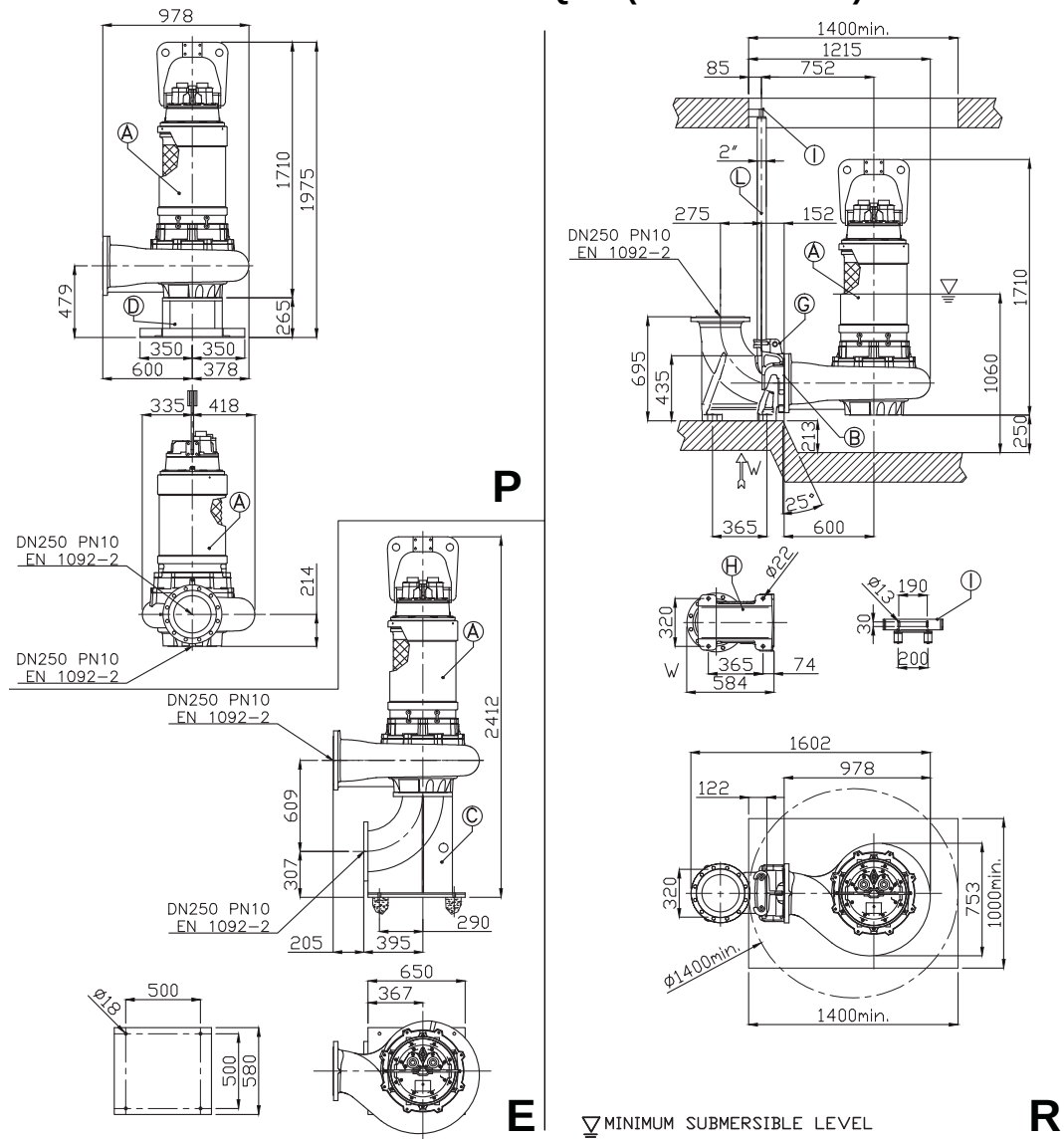
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

250DRD/250DRD with QDC (65.0 ÷ 85.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN250 EN 1092-2	250DRD565T4DG	65.0	940
	250DRD575T4CG	75.0	970
	250DRD575T4BG	75.0	940
	250DRD585T4AG	85.0	940

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN250	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	65
Type: P			
D	X foot rest	Galvanized Steel	20
Type: R			
G	Double guide rail coupling flange DN250	GS250 Cast-Iron	36
H	Double guide coupling feet DN250	G250 Cast-Iron	135
I	Double guide rail upper support 2"	Galvanized Steel	4.1
L	Guide rail 2"	Galvanized Steel	4.5

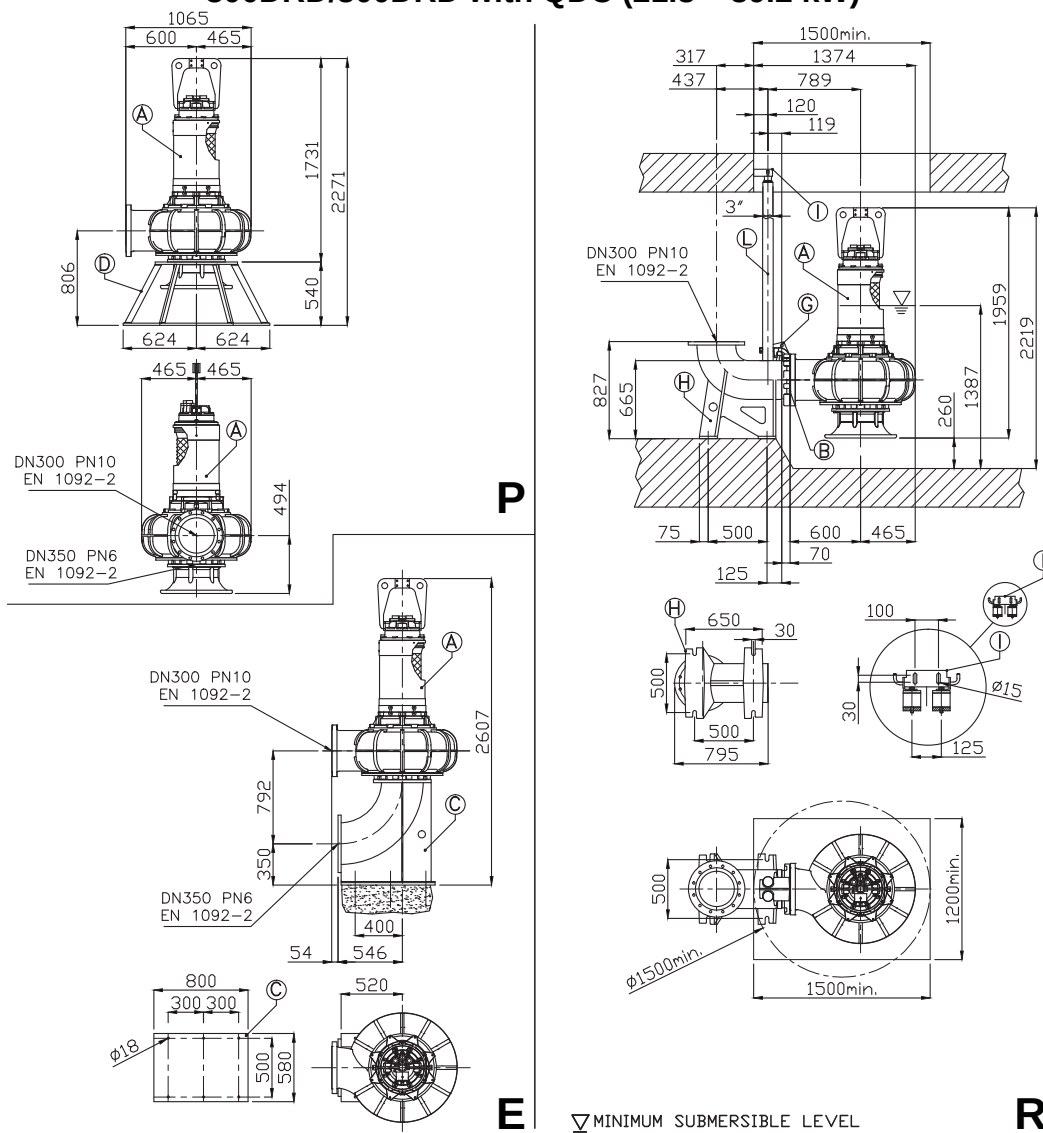
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

300DRD/300DRD with QDC (21.8 ÷ 39.2 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN300 EN 1092-2	300DRD521.8T8BG	21,8	1024
	300DRD526.7T8CG	26,7	1024
	300DRD533.4T6DG	33,4	1030
	300DRD539.2T6CG	39,2	1030

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN300	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	200
Type: P			
D	X foot rest	Galvanized Steel	135
Type: R			
G	Double guide rail coupling flange DN300	GS250 Cast-Iron	40
H	Double guide coupling feet DN300	G250 Cast-Iron	247
I	Double guide rail upper support 3"	Galvanized Steel	2.6
L	Guide rail 3"	Galvanized Steel	-

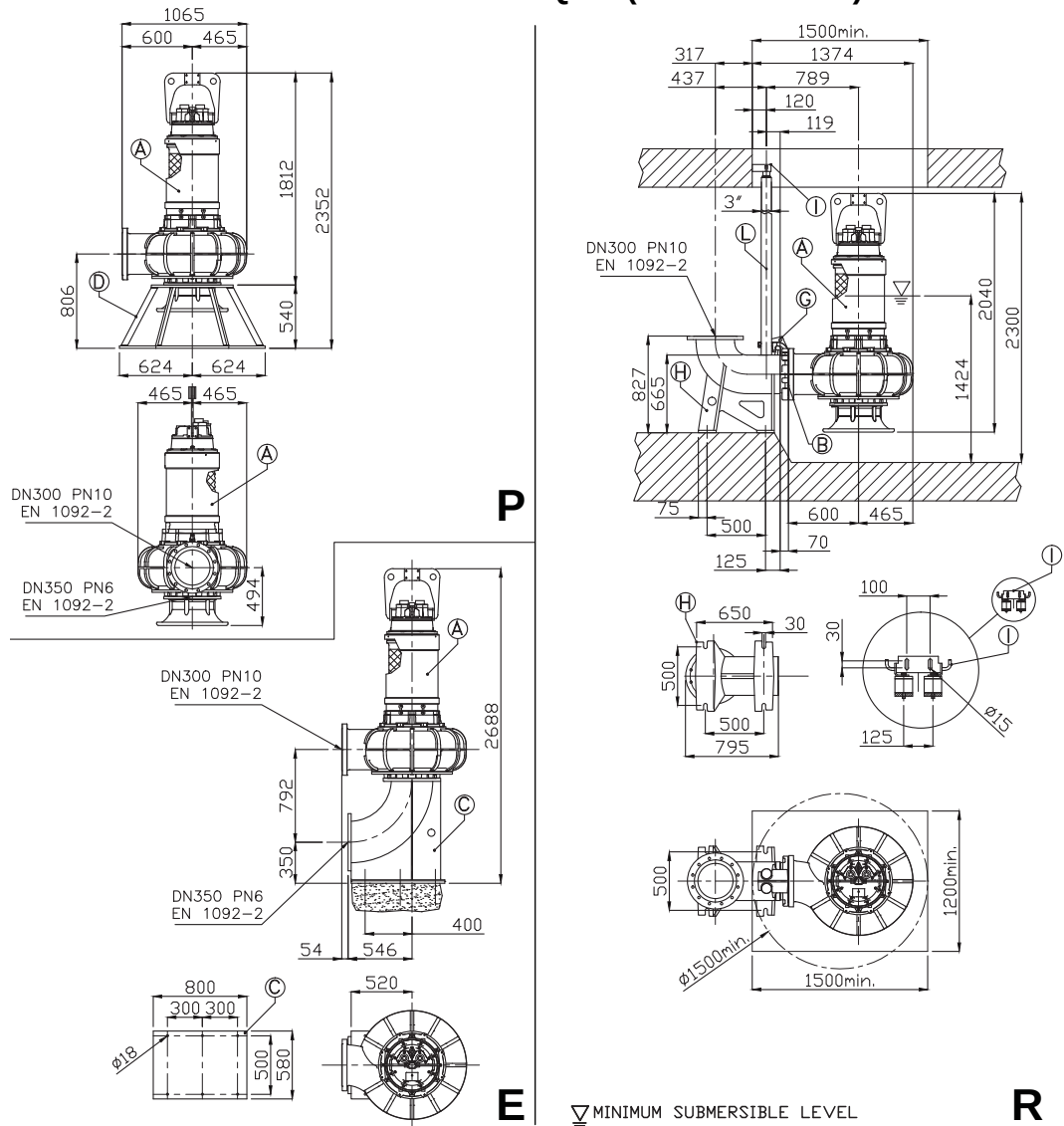
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

300DRD/300DRD with QDC (55.8 ÷ 65.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN300 EN 1092-2	300DRD555.8T6BG	55,8	1190
	300DRD565T6AG	65.0	1190

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN300	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	200
Type: P			
D	X foot rest	Galvanized Steel	135
Type: R			
G	Double guide rail coupling flange DN300	GS250 Cast-Iron	40
H	Double guide coupling feet DN300	G250 Cast-Iron	247
I	Double guide rail upper support 3"	Galvanized Steel	2.6
L	Guide rail 3"	Galvanized Steel	-

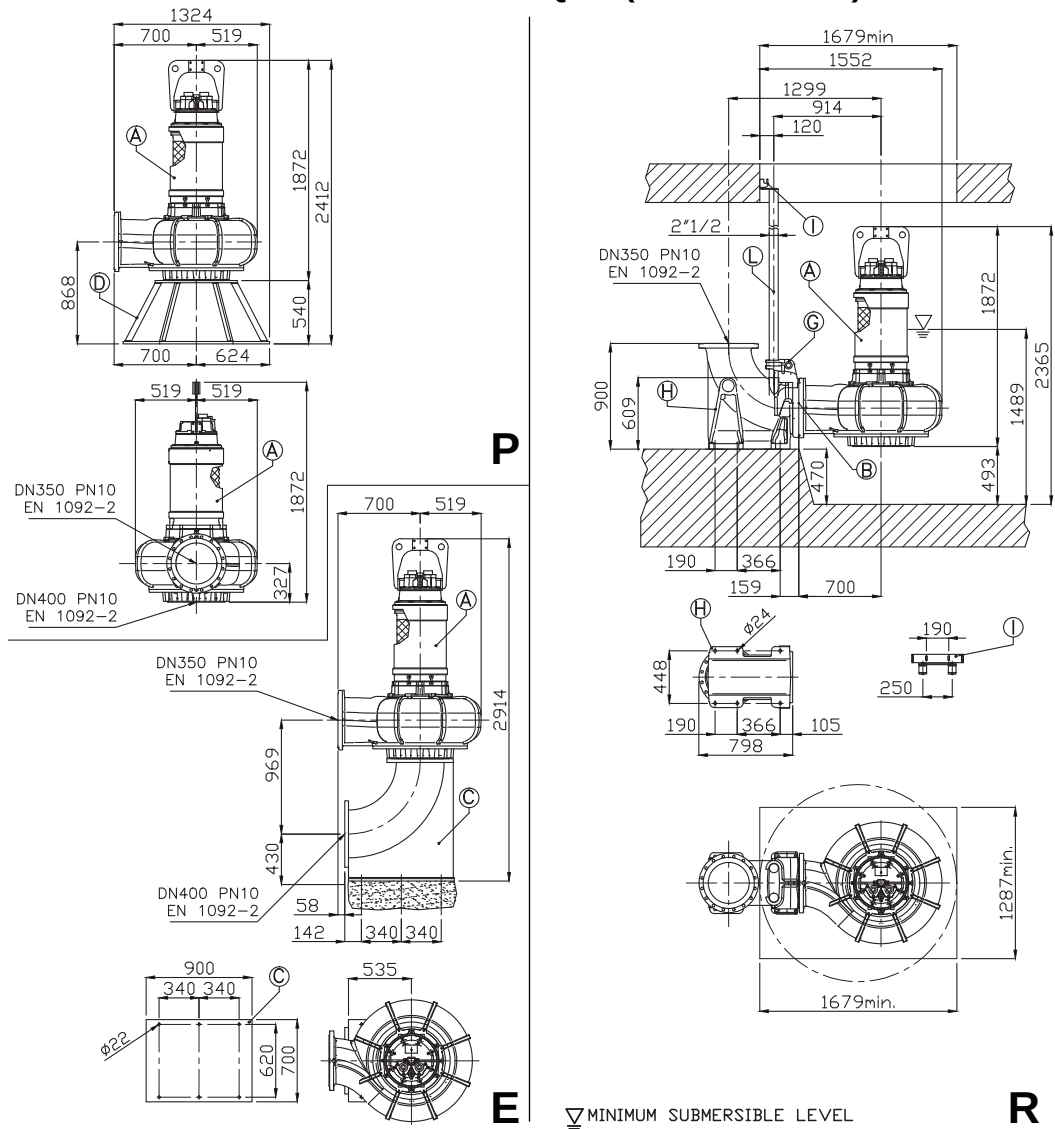
D SERIES

DIMENSIONS AND WEIGHT

50 Hz

Rev. E

350DRD/350DRD with QDC (40.0 ÷ 45.0 kW)



Size DA	Model	Output [kW]	Weight [kg]
DN350 EN 1092-2	350DRD540T8CG	40.0	1350
	350DRD545T8AG	45.0	1350

Pos.	Description	Material	Weight Kg
A	Submersible Pump		-
B	Rubber joint DN350	Neoprene	-
Type: E			
C	Suction elbow 90°	Galvanized Steel	210
Type: P			
D	X foot rest	Galvanized Steel	135
Type: R			
G	Double guide rail coupling flange DN350	GS250 Cast-Iron	86
H	Double guide coupling feet DN350	G250 Cast-Iron	382
I	Double guide rail upper support 2" 1/2	Galvanized Steel	7
L	Guide rail 2" 1/2	Galvanized Steel	-

MOTOR DATA**50 Hz**

Rev. E

DS, DVS (1.5÷3.7 kW) MOTOR DATA

Output [P ₂]		[kW]	1.5			2.2			3.7			
Resistance at 20° C		[Ω]	11.973			4.942			2.647			
GD²		[kg·m²]	0.0057			0.0082			0.011			
Voltage		[V]	380	400	415	380	400	415	380	400	415	
Load	0%	Current	[A]	1.25	1.32	1.30	1.95	2.15	2.33	3.20	3.30	3.90
		Power	[W]	430	405	400	500	500	252	800	500	600
	75%	Current	[A]	2.92	2.62	2.61	4.07	4.06	3.82	7.07	6.32	6.45
		Efficiency	[%]	63.59	69.18	70.11	71.23	69.69	77.58	68.00	75.54	74.26
		Power factor	[%]	91.93	89.54	85.68	86.44	84.27	77.40	87.75	83.92	80.61
		Speed	[min ⁻¹]	2872	2887	2898	2895	2901	2927	2890	2917	2922
	100%	Current	[A]	3.70	3.30	3.30	5.10	5.00	4.60	8.80	7.80	7.80
		Efficiency	[%]	65.61	71.25	70.89	73.05	72.28	79.33	70.79	77.64	76.74
		Power factor	[%]	93.88	92.08	89.21	89.71	87.87	83.88	90.24	88.18	86.00
		Speed	[min ⁻¹]	2821	2847	2854	2851	2864	2900	2847	2886	2890
	Locked Rotor Torque		[%]	243	295	303	161	186	184	175	216	233
	Start Current		[A]	20.5	21.1	22.5	28.7	30.0	31.5	51.2	51.0	53.0
No. starts per hour			10									
Model			ZDSEU									

DS (5.5÷7.5 kW) MOTOR DATA

Output [P ₂]		[kW]	5.5			7.5			
Resistance at 20° C		[Ω]	2.001			1.345			
GD²		[kg·m²]	0.03			0.037			
Voltage		[V]	380	400	415	380	400	415	
Load	0%	Current	[A]	3.00	2.70	2.70	3.65	3.20	3.27
		Power	[W]	340	800	340	400	800	400
	75%	Current	[A]	8.37	8.36	7.59	11.43	11.02	10.17
		Efficiency	[%]	82.89	77.34	83.68	83.36	79.51	84.44
		Power factor	[%]	90.37	92.05	90.40	89.70	92.68	91.14
		Speed	[min ⁻¹]	2944	2932	2945	2941	2928	2942
	100%	Current	[A]	10.80	10.80	9.80	14.80	14.30	13.20
		Efficiency	[%]	83.87	79.10	84.51	84.26	80.96	85.13
		Power factor	[%]	92.25	92.92	92.39	91.34	93.50	92.85
		Speed	[min ⁻¹]	2922	2905	2923	2917	2900	2918
	Locked Rotor Torque		[%]	168	155	168	159	154	159
	Start Current		[A]	77.0	70.0	70.0	105.0	93.5	94.0
No. starts per hour			10						
Model			ZDSEU						

DSF (1.1÷6.0 kW) MOTOR DATA

Output [P ₂]		[kW]	1.5	1.9	6	
Resistance at 20° C		[Ω]	-	-	-	
GD ²		[kg·m ²]	0.0021	0.0025	0.015	
Voltage		[V]	230	230	400/690	
Load	0%	Current	[A]	-	-	
		Power	[W]	-	-	
	75%	Current	[A]	-	-	
		Efficiency	[%]	72	80	73
		Power factor	[-]	0.97	0.97	0.84
		Speed	[min ⁻¹]	-	-	-
	100%	Current	[A]	-	-	-
		Efficiency	[%]	73	73	90
		Power factor	[-]	0.99	0.99	0.88
		Speed	[min ⁻¹]	-	-	-
Locked Rotor Torque		[%]	-	-	-	
Start Current		[A]	33.3	35	64.3	
Phase			1		3	
No. starts per hour			15			
Motor Model			M271M-1.5-230/50NY-IE	M271M-1.9-230/50NY-IE	M210T-6-400/50YY-IE3	
Pump Type			40DSF51.5M2CG	40DSF51.9M2AG	40DSF56T2AG	

DL, DL W/C (1.5÷3.7 kW) MOTOR DATA

Output [P ₂]		[kW]	1.5			2.2			3.7			
Resistance at 20° C		[Ω]	8.466			5,937			3,447			
GD²		[kg·m²]	0.013			0.025			0.04			
Voltage		[V]	380	400	415	380	400	415	380	400	415	
Load	0%	Current	[A]	2.3	2.51	2,746	2.65	2.85	3.2	3.5	3.65	3.9
		Power	[W]	500	420	546	650	450	420	650	800	450
	75%	Current	[A]	3.47	3.37	3.56	4.65	4.34	4.46	6.70	6.73	6.25
		Efficiency	[%]	62.67	70.31	62.99	63.89	69.75	69.23	73.21	69.72	76.38
		Power factor	[%]	78.70	68.43	69.87	84.32	78.63	74.40	85.95	85.37	80.93
		Speed	[min ⁻¹]	1438	1449	1446	1440	1452	1458	1447	1449	1455
	100%	Current	[A]	4.10	3.90	4.10	5.70	5.20	5.20	8.40	8.30	7.60
		Efficiency	[%]	65.69	72.58	65.73	66.44	72.31	71.82	74.67	72.09	77.98
		Power factor	[%]	84.62	76.54	77.83	88.26	84.45	81.96	89.62	89.25	86.85
		Speed	[min ⁻¹]	1414	1432	1426	1417	1437	1443	1427	1430	1440
	Locked Rotor Torque		[%]	319	378	385	216	277	301	229	275	296
	Start Current		[A]	23.70	24.50	23.60	29.30	30.00	32.00	49.40	47.50	49.00
No. starts per hour			10									
Model			ZDLEU									

MOTOR DATA**50 Hz**

Rev. E

DL (5.5÷11 kW), DL W/C (5.5÷7.5 kW) MOTOR DATA

Output [P ₂]		[kW]	5.5			7.5			11			
Resistance at 20° C		[Ω]	2,339			1,513			-	0.869		
GD²		[kg·m²]	0.061			0.071			0.12			
Voltage		[V]	380	400	415	380	400	415	380	400	415	
Load	0%	Current	[A]	4.9	4.3	4.5	7.85	6.5	7.1	-	7.80	8.60
		Power	[W]	470	900	470	707	1200	707	-	1500	790
	75%	Current	[A]	9.38	8.97	8.58	13.38	12.46	12.07	-	17.03	16.81
		Efficiency	[%]	79.17	75.51	79.10	79.46	76.94	79.81	-	80.39	81.35
		Power factor	[%]	84.39	87.90	84.53	80.38	84.72	81.25	-	86.98	83.95
		Speed	[min ⁻¹]	1464	1458	1464	1467	1463	1467	-	1468	1470
	100%	Current	[A]	11.70	11.30	10.70	16.40	15.50	14.80	-	21.50	21.00
		Efficiency	[%]	80.42	77.14	80.38	80.98	78.64	81.26	-	82.12	82.29
		Power factor	[%]	88.83	91.07	88.97	85.80	88.81	86.76	-	89.92	88.56
		Speed	[min ⁻¹]	1451	1442	1451	1455	1449	1455	-	1456	1458
	Locked Rotor Torque		[%]	271	249	271	288	272	288	-	185	155
	Start Current		[A]	81.00	70.00	74.00	120.00	104.00	108.00	-	121.0	128.0
No. starts per hour			10						6			
Model			ZDLEU									

MOTOR DATA

50 Hz

Rev. E

DL (15÷22 kW) MOTOR DATA

Output [P ₂]		[kW]	15			18.5			22			
Resistance at 20° C		[Ω]	-	0.677		-	0.439		-	0.376		
GD²		[kg·m²]	0.15			0.25			0.28			
Voltage		[V]	380	400	415	380	400	415	380	400	415	
Load	0%	Current	[A]	-	8.50	8.85	-	12.80	15.10	-	12.50	13.50
		Power	[W]	-	1600	880	-	2000	1300	-	2000	965
	75%	Current	[A]	-	22.13	21.11	-	27.76	27.38	-	32.73	31.37
		Efficiency	[%]	-	81.59	84.15	-	84.25	85.39	-	82.74	85.54
		Power factor	[%]	-	89.91	88.12	-	85.61	82.55	-	87.94	85.56
		Speed	[min ⁻¹]	-	1464	1464	-	1477	1480	-	1471	1473
	100%	Current	[A]	-	28.50	27.00	-	35.00	34.00	-	42.00	40.00
		Efficiency	[%]	-	82.79	84.99	-	85.77	86.79	-	84.17	86.11
		Power factor	[%]	-	91.76	90.93	-	88.95	87.23	-	89.82	88.86
		Speed	[min ⁻¹]	-	1450	1451	-	1469	1472	-	1460	1463
	Locked Rotor Torque		[%]	-	171	182	-	171	185	-	155	169
	Start Current		[A]	-	160.0	167.0	-	238.0	248.0	-	265.0	265.0
No. starts per hour			6									
Model			ZDLEU									

MOTOR DATA**50 Hz**

Rev. E

DL (30÷45 kW) MOTOR DATA

Output [P ₂]		[kW]	30			37			45			
Resistance at 20° C		[Ω]	0.236			0.152			0.117			
GD²		[kg·m²]	0.72			1.11			1.32			
Voltage		[V]	380	400	415	380	400	415	380	400	415	
Load	0%	Current	[A]	20	23.7	27.3	25.4	31.4	36.3	29.7	36.2	41.9
		Power	[W]	925	1104	1332	1116	1584	1956	1320	1752	2172
	75%	Current	[A]	45.69	45.96	47.48	56.47	58.11	60.14	68.59	70.07	72.18
		Efficiency	[%]	89.77	89.48	87.78	91.33	90.25	89.33	90.25	88.93	88.13
		Power factor	[%]	83.35	78.97	75.10	81.75	76.38	71.87	82.84	78.17	73.81
		Speed	[min ⁻¹]	1462	1464	1466	1479	1480	1481	1476	1478	1479
	100%	Current	[A]	59.00	58.00	58.50	72.50	72.50	73.50	88.00	87.50	88.50
		Efficiency	[%]	89.28	89.39	88.21	91.57	90.89	90.29	90.63	89.83	89.28
		Power factor	[%]	86.41	83.45	80.60	84.64	80.95	77.56	85.56	82.33	79.12
		Speed	[min ⁻¹]	1447	1451	1453	1470	1472	1473	1467	1470	1471
	Locked Rotor Torque		[%]	245	272	294	154	171	184	156	173	186
	Start Current		[A]	356.50	377.40	393.20	390.70	413.90	431.30	497.80	527.40	549.70
No. starts per hour		6										
Model		ZDLEU										

DML, DMLV (2.2÷3.7 kW) MOTOR DATA

Output [P ₂]		[kW]	2.2			3.7			
Resistance at 20° C		[Ω]	7.015			3.623			
GD²		[kg·m²]	0.02			0.03			
Voltage		[V]	380	400	415	380	400	415	
Load	0%	Current	[A]	2.13	2.52	2.81	3.29	3.88	4.45
		Power	[W]	450	480	580	620	780	840
	75%	Current	[A]	4.33	4.21	4.32	6.79	6.77	6.95
		Efficiency	[%]	67.11	68.45	67.13	72.12	71.40	69.56
		Power factor	[%]	86.20	82.63	79.22	86.08	82.84	79.82
		Speed	[min ⁻¹]	1428	1437	1442	1439	1443	1447
	100%	Current	[A]	5.50	5.20	5.20	8.60	8.40	8.40
		Efficiency	[%]	67.56	69.50	68.98	72.79	72.71	71.61
		Power factor	[%]	89.53	87.56	85.08	89.58	87.44	85.44
		Speed	[min ⁻¹]	1400	1411	1421	1416	1422	1428
Locked Rotor Torque		[%]	182	204	221	203	226	244	
Start Current		[A]	24.30	25.70	26.70	45.50	48.10	50.00	
No. starts per hour		10							
Model		ZDMEU							

DML, DMLV (5.5÷11 kW) MOTOR DATA

Output [P ₂]		[kW]	5.5			7.5			11			
Resistance at 20° C		[Ω]	1.920			1.326			0.862			
GD²		[kg·m²]	0.059			0.076			0.120			
Voltage		[V]	380	400	415	380	400	415	380	400	415	
Load	0%	Current	[A]	5.56	6.67	7.64	6.93	8.41	9.70	8.49	10.15	11.85
		Power	[W]	900	1200	1330	1200	1300	1600	1100	1450	1800
	75%	Current	[A]	10.30	10.51	10.83	13.65	14.06	14.48	18.26	19.27	19.66
		Efficiency	[%]	73.72	72.26	71.38	75.24	76.86	71.60	81.12	75.49	74.70
		Power factor	[%]	82.50	78.43	74.23	83.20	75.16	75.46	84.63	81.87	78.15
		Speed	[min ⁻¹]	1454	1456	1460	1461	1460	1466	1462	1461	1465
	100%	Current	[A]	12.70	12.60	12.70	16.90	16.90	17.10	23.50	23.80	23.80
		Efficiency	[%]	75.37	74.50	74.06	76.89	79.01	74.60	81.65	77.41	77.06
		Power factor	[%]	87.04	84.27	81.03	87.39	80.89	81.76	87.68	85.82	83.31
		Speed	[min ⁻¹]	1437	1440	1445	1445	1447	1455	1447	1446	1451
Locked Rotor Torque		[%]	227	252	272	231	256	278	154	170	184	
Start Current		[A]	78.00	82.60	87.80	110.20	116.50	121.70	128.20	136.00	141.90	
No. starts per hour			10						7			
Model			ZDMEU									

DML/DMLV (15÷22 kW) MOTOR DATA

Output [P ₂]		[kW]	15			22			
Resistance at 20° C		[Ω]	0.563			0.308			
GD²		[kg·m²]	0.16			0.34			
Voltage		[V]	380	400	415	380	400	415	
Load	0%	Current	[A]	10.8	13.13	15.08	13.37	16.27	18.82
		Power	[W]	1220	1650	2000	1500	2000	2100
	75%	Current	[A]	24.86	25.03	25.59	33.90	33.38	34.04
		Efficiency	[%]	79.66	78.43	77.65	84.98	85.54	83.88
		Power factor	[%]	86.32	82.71	78.78	87.01	83.40	80.41
		Speed	[min ⁻¹]	1465	1464	1467	1473	1475	1474
	100%	Current	[A]	31.50	31.00	31.00	43.50	42.00	42.00
		Efficiency	[%]	80.84	80.23	79.78	85.80	86.52	85.34
		Power factor	[%]	89.13	86.77	84.16	89.33	87.27	85.16
		Speed	[min ⁻¹]	1449	1451	1455	1462	1466	1466
	Locked Rotor Torque		[%]	176	195	211	155	172	185
	Start Current		[A]	199.80	211.90	220.90	299.80	318.50	332.70
No. starts per hour		7							
Model		ZDMEU							

DMLF (1.4÷1.9 kW) MOTOR DATA

Output [P ₂]		[kW]	1.4	1.5	1.9	
Resistance at 20° C		[Ω]	-	-	-	
GD ²		[kg·m²]	0.0011	0.0039	0.0078	
Voltage		[V]	230	230	230	
Load	0%	Current	[A]	-	-	-
		Power	[W]	-	-	-
	75%	Current	[A]	-	-	-
		Efficiency	[%]	72	72	73
		Power factor	[-]	0.97	0.97	0.97
		Speed	[min ⁻¹]	-	-	-
	100%	Current	[A]	-	-	-
		Efficiency	[%]	73	73	73
		Power factor	[-]	0.99	0.99	0.99
		Speed	[min ⁻¹]	-	-	-
Locked Rotor Torque		[%]	-	-	-	
Start Current		[A]	31.1	33.3	62.7	
Poles		2				
Phase		1				
No. starts per hour		15				
Motor Model		M272M-1.4-230/50NY-IE	M272M-1.5-230/50NY-IE	M272M-1.9-230/50NY-IE		
Pump Type		50DMLF51.4M2BG	65DMLF51.5M2AG	65DMLF51.9M2BG		

MOTOR DATA

50 Hz

Rev. E

DMLVF (0.5÷18.2 kW) MOTOR DATA

Output [P ₂]			[kW]	0.5	1.5	1.5	1.9	1.5	4.9	16.6	18.2	5.2
Resistance at 20° C			[Ω]	-	-	-	-	-	-	-	-	-
GD²			[kg·m²]	0.0006	0.0052	0.0056	0.0066	0.0005	0.0438	0.0586	0.051	0.1331
Voltage			[V]	230	230	230	230	230	400/690	400/690	400/690	400/690
Load	0%	Current	[A]	-	-	-	-	-	-	-	-	-
		Power	[W]	-	-	-	-	-	-	-	-	-
	75%	Current	[A]	-	-	-	-	-	-	-	-	-
		Efficiency	[%]	67	72	72	73	72	74	92	92	88
		Power factor	[-]	0.96	0.97	0.97	0.97	0.97	0.9	0.82	0.82	0.73
		Speed	[min ⁻¹]	-	-	-	-	-	-	-	-	-
	100%	Current	[A]	-	-	-	-	-	-	-	-	-
		Efficiency	[%]	70	73	73	73	73	0.8	92	93	89
		Power factor	[-]	0.98	0.99	0.99	0.99	0.99	0.9	0.87	0.87	0.81
Speed		[min ⁻¹]	-	-	-	-	-	-	-	-	-	
Locked Rotor Torque			[%]	-	-	-	-	-	-	-	-	
Start Current			[A]	3.2	33.3	33.3	62.7	33.3	49.5	175.8	192.3	61.4
Poles			2						4	2		6
Phase			1						3			
No. starts per hour			15									
Motor Model			M206M-0.5-230/50NY-IE	M271M-1.5-230/50NY-IE		M271M-1.9-230/50NY-IE	M271M-1.5-230/50NY-IE	M410T-4.9-400/50YY-IE3	M213T-16.6-400/50YY-IE3	M213T-18.2-400/50YY-IE3	M611T-5.2-400/50YY-IE3	
Pump Type			40DMLVF50.5M2AG	50DMLVF51.5M2CG	50DMLVF51.5M2BG	50DMLVF51.9M2AG	65DMLVF51.5M2CG	80DMLVF54.9T4AG	80DMLVF516.6T2BG	80DMLVF518.2T2DG	100DMLVF55.2T6BG	

DRS (1.1÷25.1- kW) MOTOR DATA

Output [P ₂]			[kW]	1.1	1.1	1.1	1.1	1.5	1.9	1.1	1.1	1.4	1.6	1.6	2.4	3.1*	4.2	5.0	5.0	6.5	7.5	9.0	11.0	13.8*	14.9	20	22.4	25.1		
Resistance at 20° C			[Ω]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
GD ²			[kg·m²]	0.0019	0.0020	0.0021	0.0005	0.0021	0.0025	0.0026	0.0027	0.0035	0.0034	0.0035	0.0050	0.0042	0.0055	0.0090	0.0150	0.0090	0.0170	0.0170	0.0230	0.0430	0.0430	0.0510	0.0890	0.0890		
Voltage			[V]	230	230	230	230	230	230	400	400	400	400	400	400	400	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690		
Load	0%	Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Power	[W]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
	75%	Efficiency	[%]	72	72	72	72	72	73	76	76	84	84	84	86	87	88	89	89	89	90	90	91	92	92	92	92	93		
		Power factor	[%]	0.97	0.97	0.97	0.97	0.97	0.97	0.83	0.83	0.82	0.82	0.82	0.82	0.86	0.84	0.84	0.84	0.84	0.84	0.84	0.82	0.82	0.82	0.92	0.87	0.87		
		Speed	[min ⁻¹]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	100%	Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
		Efficiency	[%]	73	73	73	73	73	73	84	84	86	86	86	87	88	89	90	90	90	91	91	92	92	92	93	93	93		
		Power factor	[%]	0.99	0.99	0.99	0.99	0.99	0.99	0.8	0.8	0.87	0.87	0.87	0.87	0.89	0.88	0.88	0.88	0.88	0.88	0.88	0.88	0.87	0.87	0.87	0.89	0.89		
		Speed	[min ⁻¹]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Locked Rotor Torque			[N·m]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Start Current			[A]	24.4	21	35	35	42.8	124.2	148.5	193.8	283.2	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4	384.4		
Poles				2																	3									
Phase				1										3																
No. starts per hour				1										15																
Motor Model				M272M-1.1-230/50V-IE										M211T-1.1-400/50V-IE3																
Pump Type				40DRS1.1M2CG	40DRS51.1M2BG	40DRS51.1M2AG	40DRS51.2M2CG	40DRS51.5M2BG	40DRS51.9M2AG	40DRS51.1T2CG	40DRS51.1T2BG	40DRS51.1T2AG	40DRS51.6T2CG	40DRS51.6T2BG	40DRS52.4T2AG	40DRS53.1T2BG	40DRS53.1T2AG	40DRS54.2T2CG	40DRS55.72BG	40DRS55.72AG	65DRS56.5T2CG	65DRS57.5T2BG	65DRS59.72CG	65DRS51.1T2CG	65DRS51.8T2BG	65DRS51.8T2AG	65DRS51.9T2CG	65DRS52.0T2BG	65DRS52.4T2AG	65DRS52.6T2AG

MOTOR DATA

50 Hz

Rev. E

DRD (3.1÷14.0 kW) MOTOR DATA

Output [P ₂]			[kW]	3.1	3.6	5.0	6.0	7.5	2.7	2.8	4.6	4.6	7.1	7.5	10.0	10.0	12.0	14.9	16.6	18.2	20.0	6.0	8.0	12.0	14.0	
Resistance at 20° C			[Ω]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
GD ²			[kg·m²]	0.0066	0.0055	0.0117	0.0118	0.0222	0.1050	0.1050	0.0719	0.0210	0.1183	0.0390	0.1168	0.0390	0.0230	0.0556	0.0430	0.0655	0.0664	0.2600	0.3220	0.5034	0.5602	
Voltage			[V]	400	400	400/690	400/690	400/690	400	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	
Load	0%	Current	[A]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
		Power	[W]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
	75%	Current	[A]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
		Efficiency	[%]	87	87	89	89	90	86	86	89	84	90	90	91	91	91	92	92	92	92	88	89	90	91	
		Power factor	[-]	0.86	0.84	0.84	0.84	0.84	0.72	0.72	0.74	0.82	0.76	0.76	0.76	0.76	0.76	0.82	0.82	0.82	0.82	0.73	0.75	0.79	0.79	
		Speed	[min ⁻¹]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·
	100%	Current	[A]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
		Efficiency	[%]	88	89	90	90	91	87	87	90	86	91	91	91	91	92	92	92	93	93	88	90	91	92	
		Power factor	[-]	0.88	0.88	0.88	0.88	0.88	0.77	0.77	0.80	0.87	0.93	0.93	0.83	0.83	0.87	0.87	0.87	0.87	0.87	0.81	0.81	0.83	0.84	
Speed	[min ⁻¹]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·		
Locked Rotor Torque			[N]	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	·	
Start Current			[A]	34.2	38.9	53.7	64.3	79.6	33.6	34.8	46.5	46.5	79.6	84.4	112.1	112.1	128.0	158.1	175.8	192.3	211.2	70.8	93.2	135.1	154.6	
Poles			2																							
Phase			6																							
No. starts per hour			15																							
Motor Model			M209T-3.1-400/50Nn-IE3 M209T-3.6-400/50Nn-IE3 M210T-5-400/50YY-IE3 M210T-6-400/50YY-IE3 M211T-7.5-400/50YY-IE3 M609-2.7-400/50Nn-IE3 M610T-2.8-400/50YY-IE3 M610T-4.6-400/50YY-IE3 M610T-4.6-400/50YY-IE3 M411T-7.1-400/50YY-IE3 M411T-7.5-400/50YY-IE3 M413T-10-400/50YY-IE3 M213T-12-400/50YY-IE3 M213T-14-9-400/50YY-IE3 M213T-16-6-400/50YY-IE3 M213T-18-2-400/50YY-IE3 M216T-20-400/50YY-IE3 M611T-6-400/50YY-IE3 M613T-8-400-50YY-IE3 M616T-12-400/50YY-IE3 M616T-14-400/50YY-IE3																							
Pump Type			65DRD53.1T2CG 65DRD53.6T2BG 80DRD55T2BG 80DRD56T2AG 40DRS51.5M2BG 100DRD52.7T6AG 40DRS51.1T2CG 100DRD54.6T4CG 100DRD54.6T4BG 100DRD57.1T4BG 100DRD57.5T4FG 100DRD51.0T4AG 100DRD51.0T4FG 100DRD51.2T2DG 100DRD514.9T2CG 100DRD516.6T2BG 100DRD518.2T2AG 100DRD520T2AG 150DRD56T6CG 150DRD58T6BG 150DRD51.2T6AG 150DRD51.4T6BG																							

MOTOR DATA

50 Hz

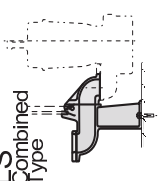
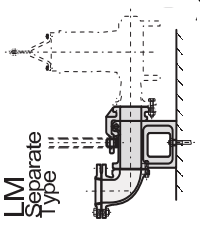
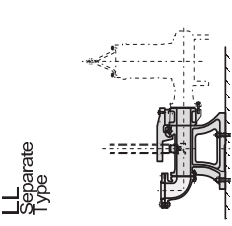
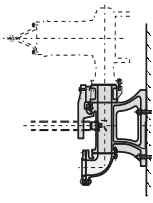
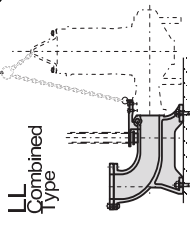
Rev. E

DRD (14.0÷85.0 kW) MOTOR DATA

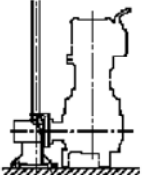
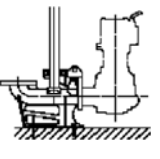
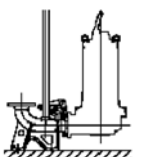
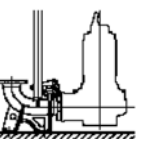
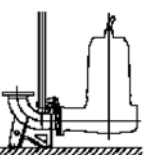
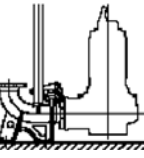
Output [P ₂]			[kW]	23.0	27.0	27.0	30.0	30.0	35.7	35.7	41.0	35.0	40.2	52.0	60.0	75.0	80.0	80.0	6.0	9.3*	15.8	18.9	23.0	6.2	8.0	9.8	14.0	14.0			
Resistance at 20° C			[Ω]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
GD²			[kg·m²]	0.3364	0.1600	0.4546	0.5657	0.6358	0.6972	0.7525	0.3900	0.2799	0.1800	0.4930	1.7423	1.9338	1.9797	2.0255	0.1090	0.1540	0.8299	0.8888	1.1274	0.1090	0.1540	0.1090	0.6802	0.7721			
Voltage			[V]	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690			
Load	0%	Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		Power	[W]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		Efficiency	[%]	93	93	93	94	94	94	94	93	94	94	95	95	95	95	82	89	91	92	92	82	84	90	91	91				
	75%	Power factor	[-]	0.80	0.80	0.80	0.84	0.84	0.83	0.83	0.83	0.82	0.82	0.83	0.86	0.86	0.86	0.86	0.70	0.72	0.79	0.81	0.84	0.70	0.72	0.75	0.79	0.79			
		Speed	[min ⁻¹]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
		100%	Efficiency	[%]	94	94	94	94	94	94	94	94	94	94	95	95	95	95	95	84	89	92	92	93	84	89	90	92	92		
Power factor	[-]		0.84	0.84	0.84	0.85	0.85	0.86	0.86	0.86	0.87	0.87	0.88	0.90	0.90	0.90	0.90	0.74	0.76	0.84	0.85	0.88	0.74	0.76	0.81	0.84	0.84				
Speed	[min ⁻¹]		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Locked Rotor Torque			[%]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
Start Current			[A]	249.0	292.6	292.6	320.4	320.4	375.2	375.2	431.3	364.6	418.9	531.6	597.7	745.2	795.3	795.3	75.1	101.0	174.6	205.3	239.5	77.8	87.2	113.9	154.6	154.6			
Poles				4								2				4				8				6				8		6	
Phase				3																											
No. starts per hour				15																											
Motor Model				M416T-23-400/50YY-IE3	M416T-27-400/50YY-IE3	M416T-27-400/50YY-IE3	M418T-30-400/50YY-IE3	M418T-35-7-400/50YY-IE3	M418T-41-400/50YY-IE3	M218T-35-400/50YY-IE3	M218T-40-2-400/50YY-IE3	M218T-52-400/50YY-IE3	M218T-52-400/50YY-IE3	M420T-60-400/50YY-IE3	M425T-75-400/50YY-IE3	M425T-80-400/50YY-IE3	M425T-80-400/50YY-IE3	M425T-80-400/50YY-IE3	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE	M425T-80-400/50YY-IE			
Pump Type				150DRD523T4CG	150DRD527T4BG	150DRD527T4AG	150DRD530T4BG	150DRD530T4BG	150DRD535T4BG	150DRD535T4AG	150DRD540T4AG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG	150DRD540T4BG			

Output [P ₂]			[kW]	40.0	44.0	48.0	12.4	17.1	23.0	19.0	29.0	15.0	39.2	39.2	65.0	75.0	75.0	85.0	21.8	26.7	33.4	39.2	55.8	65.0	40.0	45.0					
Resistance at 20° C			[Ω]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
GD ²			[kg·m ²]	0.8331	0.9750	0.9994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
Voltage			[V]	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690	400/690					
Load	0%	Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
		Power	[W]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
		Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
	75%	Efficiency	[%]	94	94	94	89	89	92	89	93	92	93	93	95	95	95	95	93	89	93	93	94	94	91	91					
		Power factor	[-]	0.83	0.83	0.83	0.72	0.75	0.84	0.75	0.82	0.79	0.80	0.80	0.86	0.86	0.86	0.86	0.80	0.76	0.82	0.80	0.82	0.82	0.76	0.76					
		Speed	[min ⁻¹]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
	100%	Current	[A]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-					
		Efficiency	[%]	94	95	95	89	89	93	89	93	93	94	94	95	95	95	95	94	90	93	94	95	95	91	92					
		Power factor	[-]	0.86	0.86	0.86	0.76	0.79	0.88	0.79	0.85	0.84	0.85	0.85	0.90	0.90	0.90	0.90	0.85	0.80	0.85	0.85	0.86	0.86	0.80	0.80					
Speed			[min ⁻¹]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Locked Rotor Torque			[%]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
Start Current			[A]	420.7	460.8	502.7	143.1	186.0	239.5	206.7	311.5	164	418.9	418.9	647.2	745.2	745.2	844.9	240.4	294.2	358.7	418.9	584.1	680.3	404.4	485.6					
Poles				4				8				6				4				8				6				8			
Phase				3																											
No. starts per hour				15																											
Motor Model				M420T-40-400/50YY-IE3	M420T-44-400/50YY-IE3	M420T-48-400/50YY-IE3	M816T-12-4-400/50YY-IE	M816T-17-17-400/50YY-IE	M816T-23-400/50YY-IE	M818T-19-400/50YY-IE	M818T-19-400/50YY-IE	M818T-19-400/50YY-IE	M416T-15-400/50YY-IE3	M620T-39-2-400/50YY-IE3		M425T-65-400/50YY-IE3		M425T-75-400/50YY-IE3		M425T-85-400/50YY-IE3	M620T-21-8-400/50YY-IE3	M620T-26-7-400/50YY-IE3	M620T-33-4-400/50YY-IE3	M620T-39-2-400/50YY-IE3	M626T-55-8-400/50YY-IE3	M626T-65-400/50YY-IE3	M625T-45-400/50YY-IE				
Pump Type				200DRD540T4CG	200DRD544T4BG	200DRD546T4AG	350DRD512-4T1BDG	350DRD517-1T8CG	250DRD523T6DG	250DRD519T8AG	250DRD529T6CG	250DRD515T4AG	350DRD539-2T6BG	350DRD539-2T6AG	250DRD545T4DG	250DRD574T4CG	250DRD574T4BG	250DRD574T4BG	250DRD585T4AG	300DRD521-8T6BG	300DRD526-7T6CG	300DRD533-4T6DG	300DRD539-2T6CG	300DRD565-8T6BG	300DRD565T6AG	350DRD540T8CG	350DRD545T8AG				

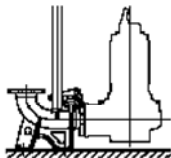
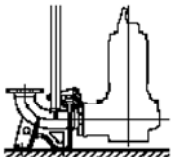
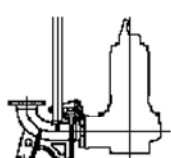
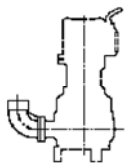
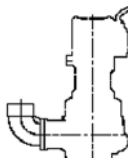
QDC SELECTION TABLE

	QDC Model	Size				Applicable Model				
		Discharge Flange Ø	Discharge Elbow Ø	QDC Body Ø	Volute Flange Ø	DS	DVS	DLW/C	DL	DML (V)
 LS Combined Type	LS50	50	50	50	50	50DS 1.5 kW	50DVS 1.5 kW			
	LM50	50	50x50	50	50	50DS 2.2÷3.7 kW				
 LM Separate Type	LM65	65	65x65	65	65	65DS 1.5 kW	65DVS 1.5÷3.7 kW	65DLW/C 1.5 kW	65DL 1.5 kW	
	LM80	80	65x80	65	65	80DS 2.2÷3.7 kW	80DVS 1.5÷3.7 kW			
 LL Separate Type	LL80	80	80x80	80	80	80DS 2.2÷3.7 kW		80DLW/C 1.5÷3.7 kW	80DL 1.5÷3.7 kW	80&100DML (V) 2.2÷3.7 kW
	LL100	100	80x100	80	80				80DLC 5.5÷7.5 kW	
 LL Combined Type	LL125	125	125x125	125	125	100DS 5.5÷7.5 kW		100DLW/C 3.7÷7.5 kW	100DL&DLB 3.7÷18.5 kW	100DML (V) 5.5÷22 kW
	LL150	150	150x150	150	150				150DL 5.5÷22 kW	150DML 5.5÷22 kW
 LL Combined Type	LL250	250	250x250	250	250				200DL 5.5÷45 kW	
	LL300	300	300x300	300	300				250DL 7.5÷22 kW	
Note: The discharge elbow & companion flange are not supplied with the QDC. These items are standard accessories supplied with the pump (except for DS and DVS 1.5 kW and DL 30÷45 kW), and they are used with the QDC. With LS50, LL250 and LL300 the Discharge Elbow is not necessary, because it is included in the QDC body.										

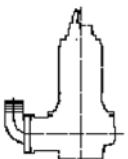
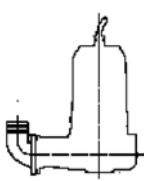
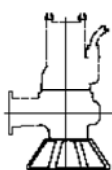
QDC, ELBOW, TRIPOD AND FLANGE SELECTION TABLE

	MODEL	APPLICABLE MODEL				
		DSF	DMLF	DMLVF	DRS	DRD
	GPA DN50T	40DSF51.5M2CG 40DSF51.9M2AG 40DSF56T2AG	50DMLF51.4M2BG	50DMLVF51.5M2CG 50DMLVF51.5M2BG 50DMLVF51.9M2AG	40DRS51.1M2CG 40DRS51.1M2BG 40DRS51.1M2AG 40DRS51.2M2CG 40DRS51.5M2BG 40DRS51.9M2AG 40DRS51.1T2CG 40DRS51.1T2BG 40DRS51.4T2AG 40DRS51.6T2CG 40DRS51.6T2BG 40DRS52.4T2AG 40DRS53.1T2BG 40DRS53.1T2AG 40DRS54.2T2CG 40DRS57.2BG	
	GPA DN65/8 (*) GPA DN65/15 (**) GPA DN65/L (***)		(*) 65DMLF51.5M2AG 65DMLF51.9M2BG	(*) 65DMLVF51.5M2CG	(**) 65DRS57.5T2BG 65DRS56.5T2CG 65DRS59T2DG 65DRS511T2CG 65DRS513.8T2BG 65DRS513.8T2AG 65DRS514.9T2CG 65DRS520T2BG 65DRS522.4T2AG 65DRS525.1T2AG	(***) 65DRD53.1T2CG 65DRD53.6T2BG
	GPA DN80/L			80DMLVF54.9T4AG 80DMLVF516.6T2BG 80DMLVF518.2T2DG		80DRD55T2BG 80DRD56T2AG 80DRD57.5T2AG
	GPA DN100/L			100DMLVF55.2T6BG		100DRD52.8T6AG 100DRD54.6T4CG 100DRD54.6T4BG 100DRD57.1T4BG 100DRD57.5T4FG 100DRD510T4FG 100DRD510T4AG 100DRD512T2DG 100DRD514.9T2CG 100DRD516.6T2BG 100DRD518.2T2AG 100DRD520T2AG
	GPA DN150/L					150DRD540.2T2BG 150DRD552T2CG 150DRD56T6CG 150DRD58T6BG 150DRD512T6AG 150DRD514T6BG 150DRD523T4CG 150DRD527T4BG 150DRD527T4AG 150DRD530T4BG 150DRD530.1T4BG 150DRD535T2AG 150DRD535.7T4EG 150DRD535.7T4AG 150DRD541T4AG 150DRD560T4GG
	GPA DN200					200DRD56T8AG 200DRD56.2T8CG 200DRD58T8AG 200DRD59.3T8CG 200DRD59.3T8BG 200DRD59.8T6CG 200DRD514T6BG 200DRD514T6AG 200DRD515.8T6CG 200DRD518.9T6BG 200DRD523T6AG 200DRD540T4CG 200DRD544T4BG 200DRD548T4AG

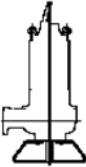
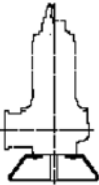
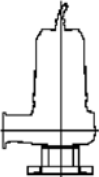
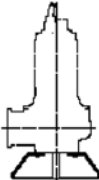
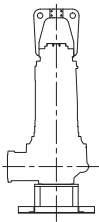
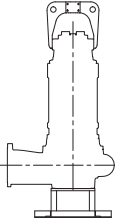
QDC, ELBOW, TRIPOD AND FLANGE SELECTION TABLE

	MODEL	APPLICABLE MODEL				
		DSF	DMLF	DMLVF	DRS	DRD
	GPA DN250/L	-	-	-	-	250DRD512.4T8DG 250DRD517.1T8CG 250DRD519T8AG 250DRD515T4AG 250DRD523T6DG 250DRD529T6CG 250DRD539.2T6BG 250DRD539.2T6AG 250DRD565T4DG 250DRD575T4CG 250DRD575T4BG 250DRD585T4AG
	GPA DN300	-	-	-	-	300DRD521.8T8BG 300DRD526.7T8CG 300DRD533.4T6DG 300DRD539.2T6CG 300DRD555.8T6BG 300DRD565T6AG
	GPA DN350/L	-	-	-	-	350DRD540T8CG 350DRD545T8AG
	GCF2	40DSF51.5M2CG 40DSF51.9M2AG 40DSF56T2AG	50DMLF51.4M2BG	50DMLVF51.5M2CG 50DMLVF51.5M2BG 50DMLVF51.9M2AG	40DRS51.1M2CG 40DRS51.1M2BG 40DRS51.1M2AG 40DRS51.2M2CG 40DRS51.5M2BG 40DRS51.9M2AG 40DRS51.1T2CG 40DRS51.1T2BG 40DRS51.4T2AG 40DRS51.6T2CG 40DRS51.6T2BG 40DRS52.4T2AG 40DRS53.1T2BG 40DRS53.1T2AG 40DRS54.2T2CG 40DRS55.2T2CG	-
	GC DN65	-	-	-	65DRS57.5T2BG 65DRS56.5T2CG 65DRS59T2DG 65DRS511T2CG 65DRS513.8T2BG 65DRS513.8T2AG 65DRS514.9T2CG 65DRS520T2BG 65DRS522.4T2AG 65DRS525.1T2AG	65DRD53.1T2CG 65DRD53.6T2BG
	GCF2.1/2	-	65DMLF51.5M2AG 65DMLF51.9M2BG	65DMLVF51.5M2CG	-	-

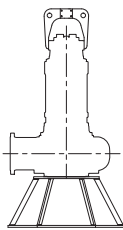
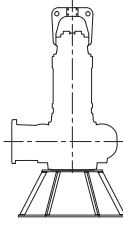
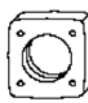
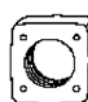
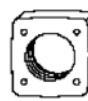
QDC, ELBOW, TRIPOD AND FLANGE SELECTION TABLE

	MODEL	APPLICABLE MODEL				
		DSF	DMLF	DMLVF	DRS	DRD
	GC DN80/L	-	-	80DMLVF516.6T2BG	-	80DRD55T2BG 80DRD56T2AG
	GC DN100/L	-	-	100DMLVF55.2T6BG	-	100DRD52.7T6AG 100DRD52.8T6AG 100DRD54.6T4CG 100DRD54.6T4BG 100DRD57.1T4BG 100DRD57.5T4FG 100DRD510T4FG 100DRD510T4AG 100DRD512T2CG 100DRD514.9T2CG 100DRD516.6T2BG 100DRD518.2T2AG 100DRD520T2AG
	GC DN150/L	-	-	-	-	150DRD540.2T2BG 150DRD55T2CG 150DRD56T6CG 150DRD58T6BG 150DRD512T6AG 150DRD514T6BG 150DRD523T4CG 150DRD527T4BG 150DRD527T4AG 150DRD530T4BG 150DRD530.1T4BG 150DRD535T2AG 150DRD535.7T4EG 150DRD535.7T4AG 150DRD541T4AG 150DRD560T4GG
	PAP65SP02	-	-	65DMLVF51.5M2CG	-	
	PAPDN80/L	-	-	80DMLVF54.9T4AG 80DMLVF516.6T2BG	-	65DRD53.1T2CG 65DRD53.6T2BG 80DRD55T2BG 80DRD56T2AG

QDC, ELBOW, TRIPOD AND FLANGE SELECTION TABLE

	MODEL	APPLICABLE MODEL				
		DSF	DMLF	DMLVF	DRS	DRD
	PAPDN100NP07	-	-	800DMLVF518.2T2DG		800DRD57.5T2AG
	PAPDN125NP07	-	-	1000DMLVF55.2T6BG	65DRS57.5T2BG 65DRS56.5T2CG	100DRD52.7T6AG 100DRD52.8T6AG 100DRD54.6T4CG 100DRD54.6T4BG 100DRD57.1T4BG 100DRD57.5T4FG 100DRD510T4FG 100DRD510T4AG 100DRD512T2DG 100DRD514.9T2CG 100DRD516.6T2BG 100DRD518.2T2AG 100DRD520T2AG
	PAPDN150SP07(**) PAPDN150(**)	-	-	-	(*) 65DRS59T2DG 65DRS511T2CG 65DRS513.8T2BG 65DRS513.8T2AG 65DRS514.9T2CG 65DRS520T2BG 65DRS522.4T2AG 65DRS525.1T2AG	(**) 150DRD540.2T2BG 150DRD552T2CG 150DRD512T6AG 150DRD514T6BG 150DRD523T4CG 150DRD527T4BG 150DRD527T4AG 150DRD530T4BG 150DRD530.1T4BG 150DRD535T2AG 150DRD535.7T4EG 150DRD535.7T4AG 150DRD541T4AG
	PAPDN200	-	-	-	-	150DRD56T6CG 150DRD58T6BG
	PAPDN200	-	-	-	-	150DRD560T4GG 150DRD575T4CG 150DRD580T4BG 150DRD580T4AG 200DRD56T8AG 200DRD56.2T8CG 200DRD58T8AG 200DRD59.3T8CG 200DRD59.3T8BG 200DRD59.8T6CG 200DRD514T6BG 200DRD514T6AG 200DRD515.8T6CG 200DRD518.9T6BG 200DRD523T6AG 200DRD540T4CG
	PAPDN250	-	-	-	-	250DRD512.4T8DG 250DRD517.1T8CG 250DRD519T8AG 250DRD515T4AG 250DRD523T6DG 250DRD529T6CG 250DRD539.2T6BG 250DRD539.2T6AG 250DRD565T4DG 250DRD575T4CG 250DRD575T4BG 250DRD585T4AG

QDC, ELBOW,TRIPOD AND FLANGE SELECTION TABLE

	MODEL	APPLICABLE MODEL				
		DSF	DMLF	DMLVF	DRS	DRD
	PAPDN300	-	-	-	-	300DRD521.8T8BG 300DRD526.7T8CG 300DRD533.4T6DG 300DRD539.2T6CG 300DRD555.8T6BG 300DRD565T6AG
	PAPDN400	-	-	-	-	350DRD540T8CG 350DRD545T8AG
	GF1.1/2T	40DSF51.5M2CG 40DSF51.9M2AG 40DSF56T2AG	-	-	40DRS51.2M2CG 40DRS51.5M2BG 40DRS51.9M2AG 40DRS51.1T2CG 40DRS51.1T2BG 40DRS51.4T2AG 40DRS51.6T2CG 40DRS51.6T2BG 40DRS52.4T2AG 40DRS53.1T2BG 40DRS53.1T2AG 40DRS54.2T2CG 40DRS55T2BG 40DRS55T2AG	-
	GF2	-	50DMLF51.4M2BG	50DMLVF51.5M2CG 50DMLVF51.5M2BG 50DMLVF51.9M2AG	-	-
	GF2.1/2T	-	65DMLF51.5M2AG 65DMLF51.9M2BG	65DMLVF51.5M2CG	-	-

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