CRK 2-180/18 A-W-A-AUUV F115 50Hz

Grundfos pump 40900018



Thank you for your interest in our products. Please contact us for more information, or visit our website

https://www.lenntech.com/grundfos/CRK02/40900018/CRK-2-180-18-A-W-A-AUUV.html

info@lenntech.com
tel. +31 152 610 900
fax. +31 152 616 289

Position	Qty.	Description
	1	**CRK 2-180/18 A-W-A-AUUV**



Note! Product picture may differ from actual product

Product No.: On request
Multistage, immersible, self-priming, centrifugal pump for vertical installation in tanks etc.

The pump has the following characteristics:
- Installation length according to DIN 5440.
- Impellers, intermediate chambers and spline shaft are made of Stainless steel.
- Mechanical shaft seal according to EN 12756.
- Power transmission via cast iron split coupling.

Immersion depth: 448 mm

Liquid:

Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³

Technical:

n:	2900 rpm
Rated flow:	41.7 l/min
Rated head:	119.9 m
Primary shaft seal:	AUUV
Curve tolerance:	ISO9906:2012 3B

Materials:

Pump head:	Cast iron EN-JL1030 ASTM A48-30 B
Impeller:	Stainless steel DIN W.-Nr. 1.4301 AISI 304

Installation:

Pipe connection:	G 1 1/4
Flange size for motor:	FT115

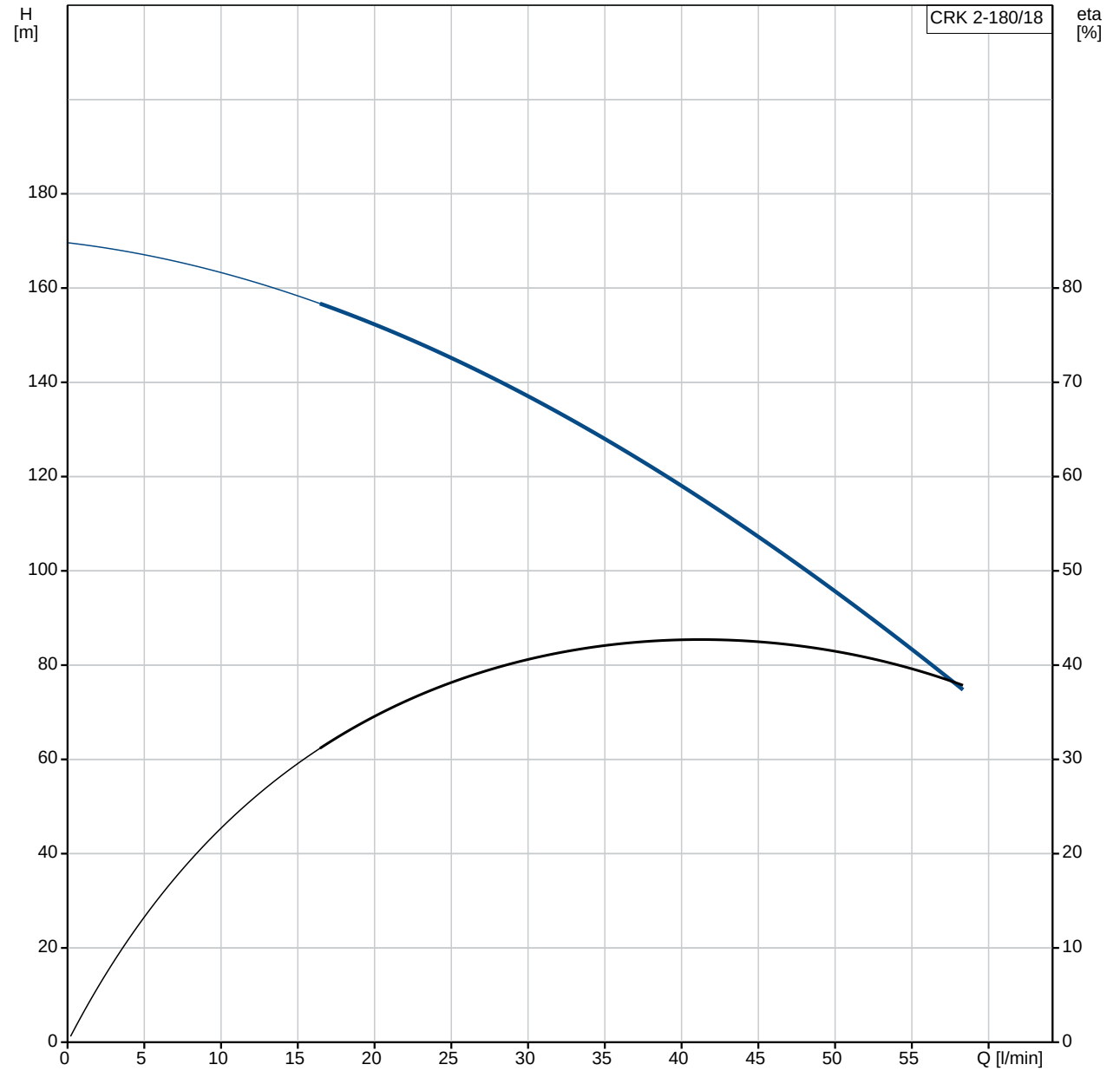
Electrical data:

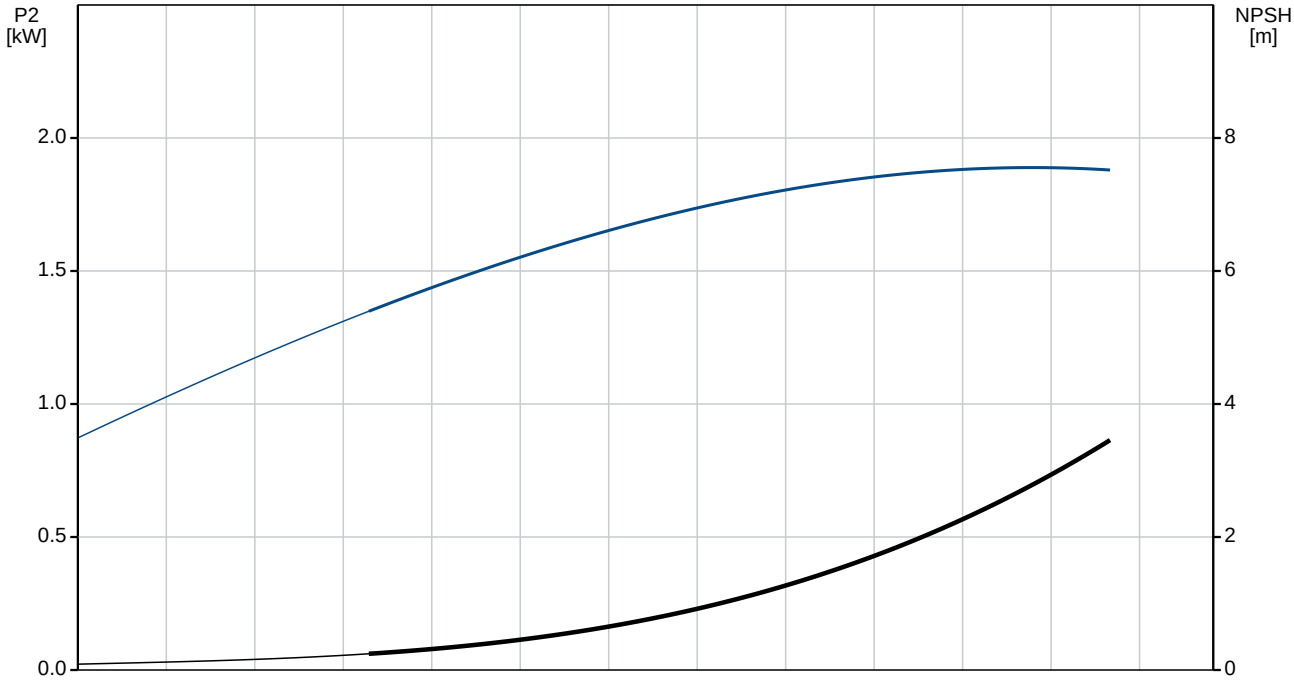
Power (P2) required by pump:	2.2 kW

Others:

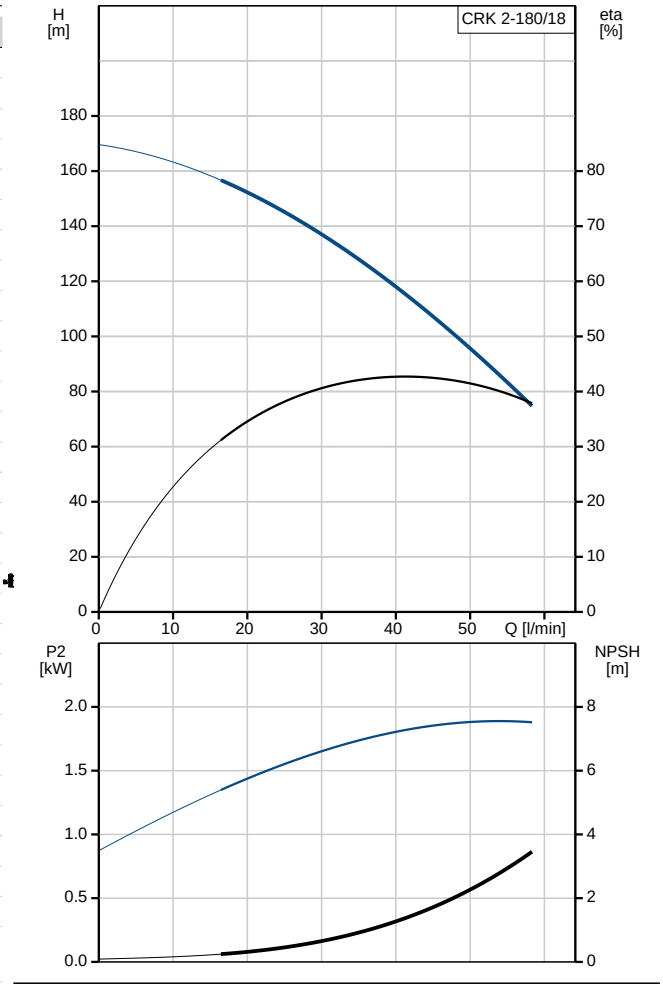
Minimum efficiency index, MEI ≥:	0.70

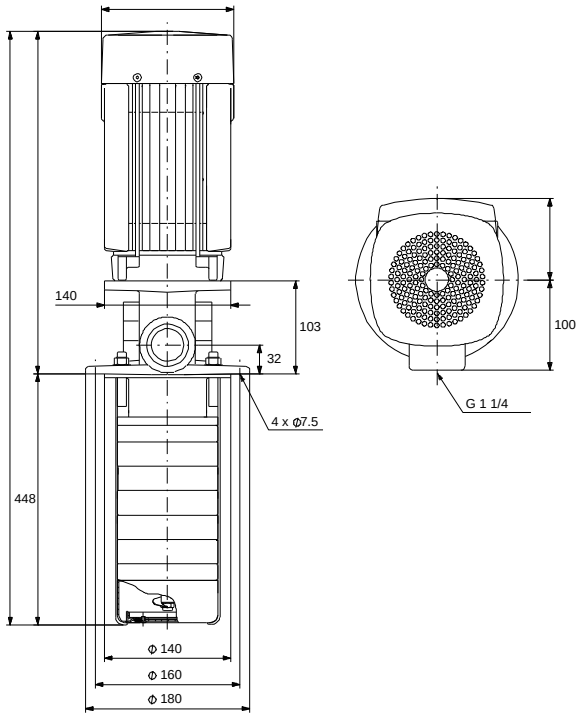
On request CRK 2-180/18 A-W-A-AUUV 50 Hz



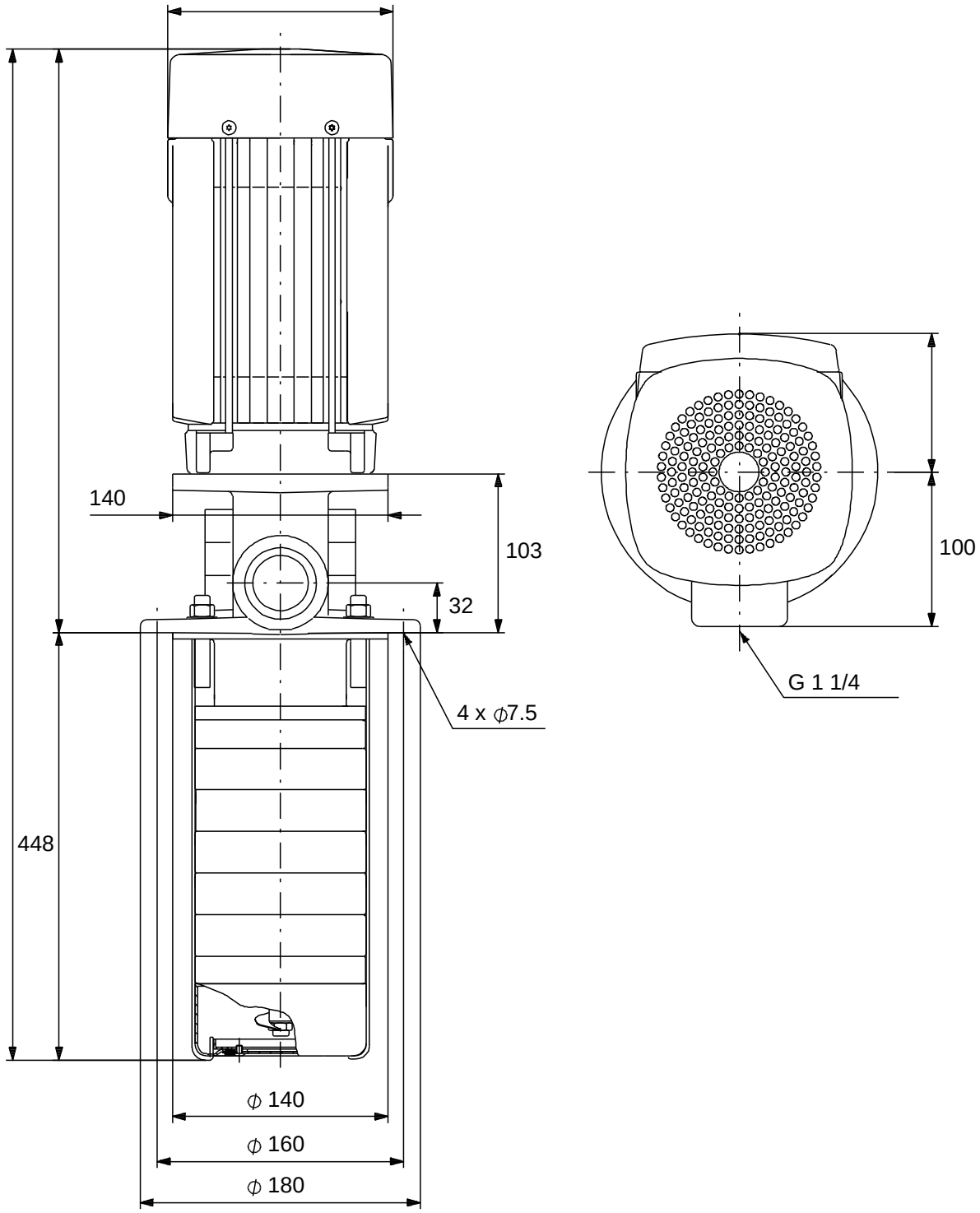


Description	Value
General information:	
Product name:	CRK 2-180/18 A-W-A-AUUV
Product No:	On request
EAN number:	On request
Technical:	
n:	2900 rpm
Rated flow:	41.7 l/min
Rated head:	119.9 m
Stages:	18
Impellers:	18
Primary shaft seal:	AUUV
Curve tolerance:	ISO9906:2012 3B
Pump version:	A
Model:	C
Materials:	
Pump head:	Cast iron
	EN-JL1030
	ASTM A48-30 B
Impeller:	Stainless steel
	DIN W.-Nr. 1.4301
	AISI 304
Material code:	A
Installation:	
Pipe connection:	G 1 1/4
Flange size for motor:	FT115
Connect code:	W
Liquid:	
Pumped liquid:	Water
Liquid temperature range:	-10 .. 90 °C
Liquid temperature during operation:	20 °C
Density:	998.2 kg/m³
Electrical data:	
Power (P2) required by pump:	2.2 kW
Others:	
Minimum efficiency index, MEI ≥:	0.70



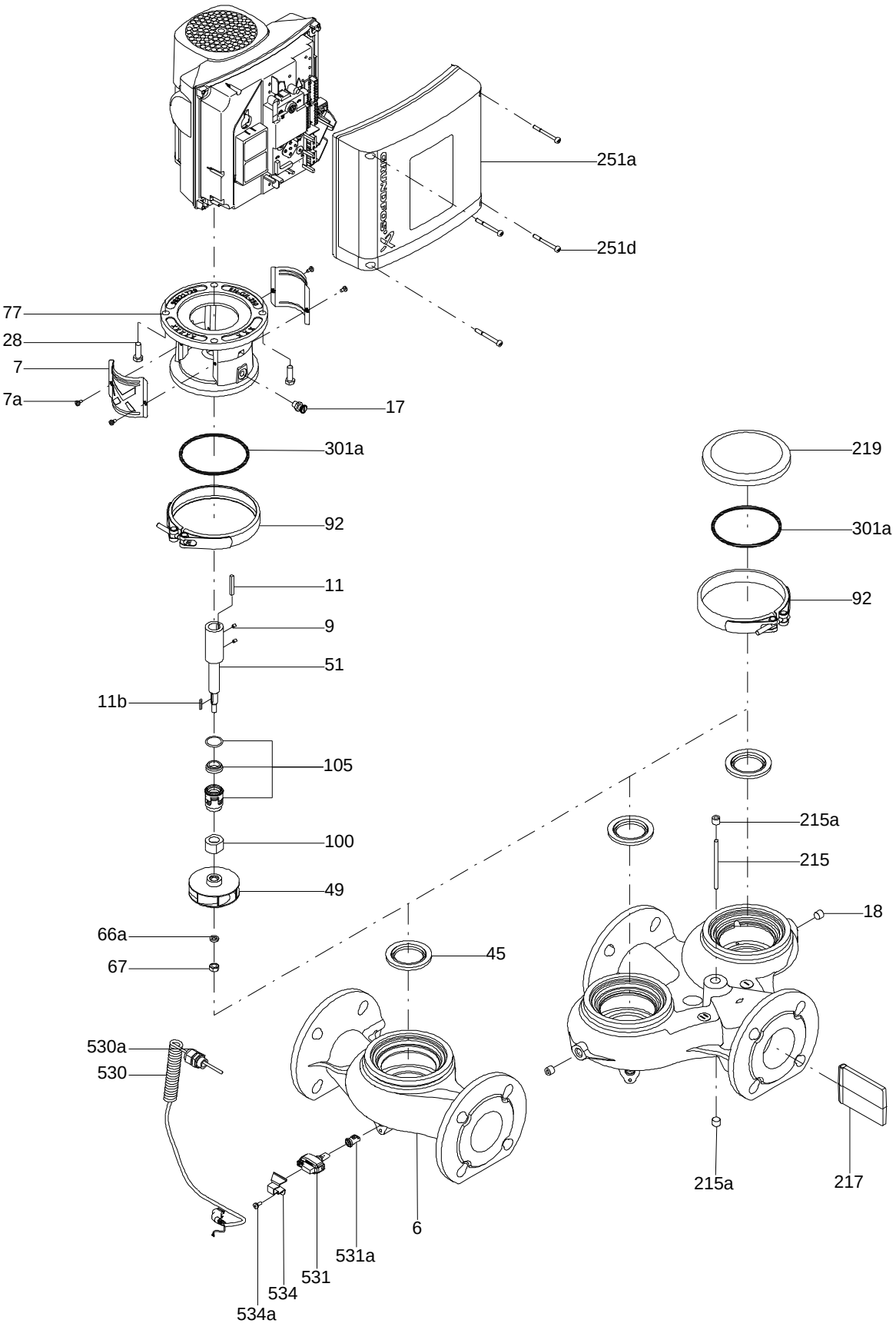


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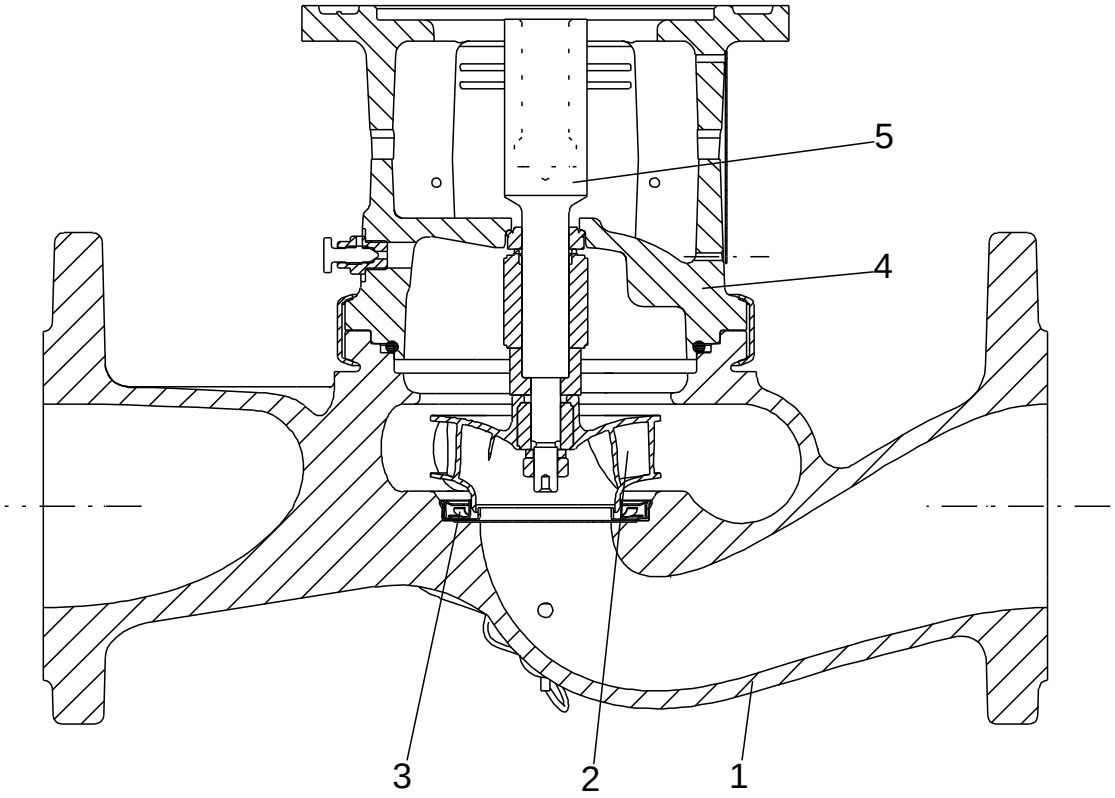


Note! All units are in [mm] unless others are stated.
Disclaimer: This simplified dimensional drawing does not show all details.

Exploded view

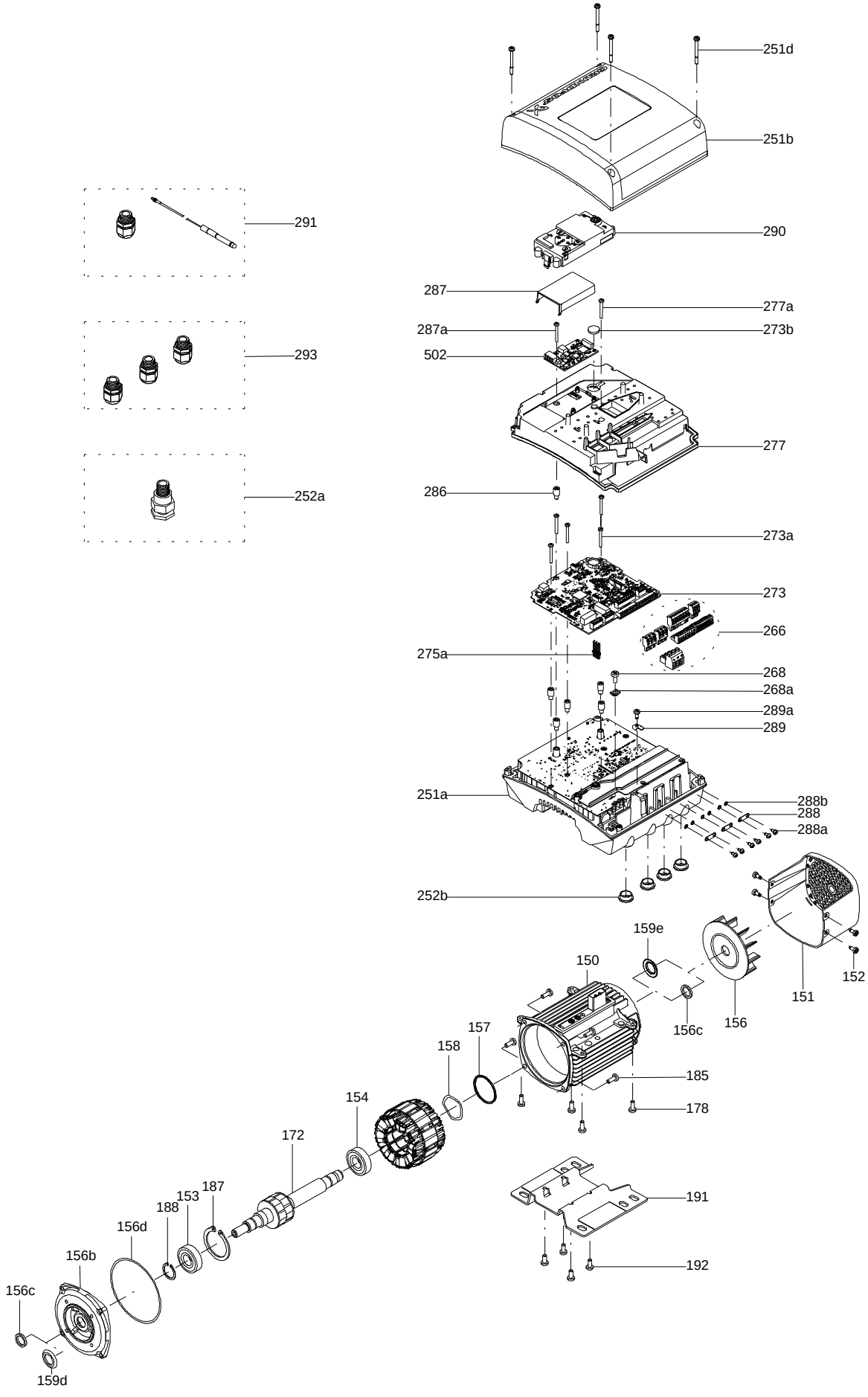


Sectional drawing (TM058200 for TPE2,TPE3)



TM058200

Exploded view (TM057026 for MGE model H/I)



Parts list CRK 2-180/18, Product No. On request
Valid from 28.9.2012 (1239)

	Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
+	2	Pump head				1	pcs
	2k	Adapter flange				1	pcs
-	4	Intermediate chamber cpl.				16	pcs
		Intermediate chamber				1	
	45	Neck ring				1	
	65	Retainer				1	
-	4a	Intermediate chamber cpl.				2	pcs
		Intermediate chamber				1	
	45	Neck ring				1	
	65	Retainer				1	
-	5a	Chamber, bottom				1	pcs
	3a	Intermediate chamber				1	
	7	Coupling guard				2	pcs
	7a	Pan head screw				4	pcs
	9	Hex socket head cap screw		Designation: DIN 912		4	pcs
				Length (mm): 25			
				Thread: M8			
	10	Shaft pin		Diameter: 5		1	pcs
				Length (mm): 26			
	10a	Coupling half				2	pcs
	26	Strap cpl.				4	pcs
	28	Hex head screw		Length (mm): 20		4	pcs
				Thread: M8			
	36	Lock nut				4	pcs
	37	O-ring				1	pcs
	37.a	O-ring				1	pcs
	47a	Bearing ring, rotating		Internal diameter: 13.0		2	pcs
				Outer diameter: 15.2			
				Length (mm): 9.0			
				Material type: TUNGSTEN CARBIDE			
	49	Impeller cpl.				17	pcs
	49.d	Impeller cpl.				1	pcs
-	51	Pump shaft cpl.		Diameter: 12		1	pcs
				Length (mm): 473MM			
		Pump shaft				1	
	62	Retaining ring				1	
	61	Spacer for shaft seal				1	pcs
	64	Spacing pipe		Internal diameter: 12,7		15	pcs
				Outer diameter: 15,0			
				Length (mm): 17,0			
	64.c	Spacing pipe		Internal diameter: 12,7		1	pcs
				Outer diameter: 15			
				Length (mm): 4,15			
	64a	Spacing pipe		Internal diameter: 12,7		2	pcs
				Outer diameter: 15,0			
				Length (mm): 7,3			
	66	Wedge lock washer				1	pcs
	66a	Washer		Internal diameter: 10,5		4	pcs
				Outer diameter: 21			
				Thickness: 2,00			
	67	Lock nut		Designation: A2 DIN985		1	pcs
				Thread: M8			
	69a	Spacing pipe		Internal diameter: 12,7		1	pcs
				Outer diameter: 15			
				Length (mm): 40,5			
	76	Nameplate				1	pcs
	76a	Rivet				2	pcs
	84	Strainer				1	pcs
	84.b	Combi Slot Torx screw				1	pcs

	Pos	Description	Annotation	Données de classification	Référence	Quantité	Unité
	84c	Disc spring				1	pcs
	105	Shaft seal		Material type: AUUV		1	pcs
-	121	Retainer for strainer				1	pcs
		Retainer for strainer				1	
	85	Strainer, internal				1	
-	122	Priming screw				1	pcs
		Priming screw				1	
		Spacer				1	

Disclaimer: The information about the Grundfos pump in this document may be outdated.
Data may be subject to alterations without further notice.
Please contact us to verify the data above is still accurate/up-to-date.

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info@lenntech.com
https://www.lenntech.com
tel. +31 152 610 900
fax. +31 152 616 289