

Aspri 15/25 MB Surface Horizontal



Quiet-running multi-stage centrifugal pumps

Applications

To work with clean water in domestic applications, irrigation, and hydropneumatic sets.

Materials

Pump body and impellers in stainless steel AISI 304.
Motor shaft in stainless steel AISI 420.
Diffusers in technopolymer.
Suction and discharge connections in brass.
Mechanical seal in graphite and alumine.
Motor housing in aluminium.
Built-in self priming valve.
O-rings in EPDM and NBR

Motor

Asynchronous, two poles.
IP 44 protection.
Class F insulation.
Continuous operation.
Single-phase with built-in thermal protection.
Efficiency IE2.

Limitations

Maximum suction lift: 9 m.
Maximum liquid temperature: 40 °C.

LENNTECH
WATER TREATMENT SOLUTIONS



Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	l/min	5	10	20	30	35	40	50	60	1~230 V (model M)	3~400 V (model T)
	1~230 V	3~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]			m³/h	0.3	0.6	1.2	1.8	2.1	2.4	3.0	Code	Code
Aspri 15.3B	2.74	2.1	1.21	0.61	0.61	0.37	0.5	12	mwc	33	32	30	26	24	22	17		96419	96413
Aspri 15.4B	3.53	2.3	1.3	0.7	0.7	0.55	0.75	45		44	43	39	35	32	27	21.5		96427	96422
Aspri 15.5B	4.13	3.3	1.9	0.95	0.95	0.75	1.0	12		53	51	47	42	38	34	25	17	96436	96431

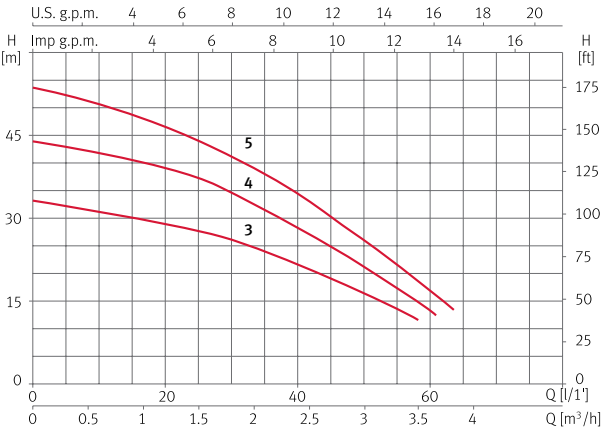
Model	I [A]			P1 [kW]		P2		c	l/min	15	30	45	60	75	90	105	120	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]											μF	m³/h
	Aspri 25.3B	5.5	3.5	2	1.2	1	0.75	1	16	mwc	33	32	30.5	28	26	22	17		96452
Aspri 25.4B	6.8	4.3	2.5	1.5	1.4	0.92	1.25	16	43		42	40	37	33	28	22	14.5	96462	96456
Aspri 25.5B	7.4	5.2	3	1.7	1.7	1.1	1.5	25	56		55	52.5	48	43	37	29	20	96468	96465

Aspri 15/25 MB Surface Horizontal

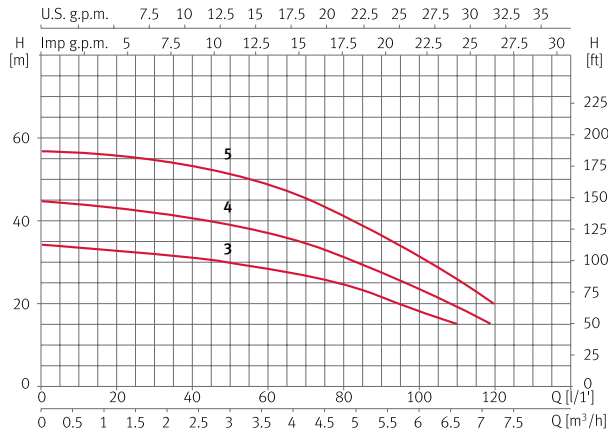


Performance curves at 2900 rpm

Aspri 15 MB



Aspri 25 MB

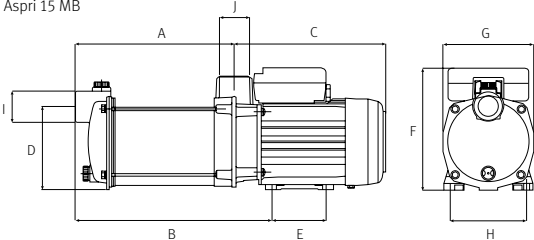


Dimensions and weights

Aspri 15 MB

Model	A	B	C	D	E	F	G	H	I	J	Kg
Aspri 15 3 MB	187	237	202	110	74	162	121	102	1"	1"	9.2
Aspri 15 4 MB	211	261	202	110	74	162	121	102	1"	1"	10
Aspri 15 5 MB	235	285	202	110	74	162	121	102	1"	1"	11

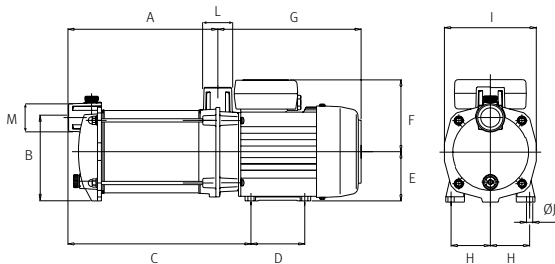
Aspri 15 MB



Aspri 25 MB

Model	A	B	C	D	E	F	G	H	I	J	L	M	Kg
Aspri 25 3 MB	202	127	252.5	82	75	109.5	218	59	138	8	1"	1"	13.5
Aspri 25 4 MB	228.5	127	279	82	75	109.5	218	59	138	8	1"	1"	14.6
Aspri 25 5 MB	255	127	328	82	75	109.5	240.5	59	138	8	1"	1"	17.2

Aspri 25 MB



*Service kits are available on request

WATER SUPPLY SURFACE
HORIZONTAL & VERTICAL

Aspri 35N/45N Surface Horizontal



Quiet-running multi-stage centrifugal pumps

Applications

To work with clean water in domestic and industrial applications, irrigation, and hydropneumatic sets.

Materials

Pump body and impellers in stainless steel AISI 304.
Diffusers in technopolymer.
Suction and discharge connections in cast iron.
Mechanical seal in graphite and alumine.
Built-in self priming valve.
O-rings in EPDM and NBR.

Aspri 35N:

Motor shaft in stainless steel AISI 420 and steel F-114.

Motor housing in aluminium L-2521.

Aspri 45N:

Motor shaft in stainless steel AISI 420.

Motor housing in aluminium L-2521.

Motor

Asynchronous, two poles.
IP 44 protection.
Class F insulation.
Continuous operation.
Efficiency IE2.

Limitations

Maximum suction lift: 9 m.
Maximum temperature of liquid: 40 °C.



Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	l/min	20	40	60	80	100	120	140	150	1~230 V (model M)	3~400 V (model T)
	1~230 V	3~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]			m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.0	Code
								[µF]	m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.0	Code	Code
Aspri 35.3N	6.7	4.5	2.6	1.5	1.5	0.8	1	25	mwc	41	39	36	34	31	27	22	18	129699	129696
Aspri 35.4N	8.4	5.3	3.1	1.8	1.8	1.1	1.5	25		54	51	48	44	39	33	27	23	129700	129697
Aspri 35.5N	10.2	6.9	4	2.3	2.2	1.5	2	30		68	64	60	55	49	41	34	30	129701	129698
Aspri 35.6N		8.3	4.8		2.7	2.2	3			81	78	74	67	60	52	42	37		130368

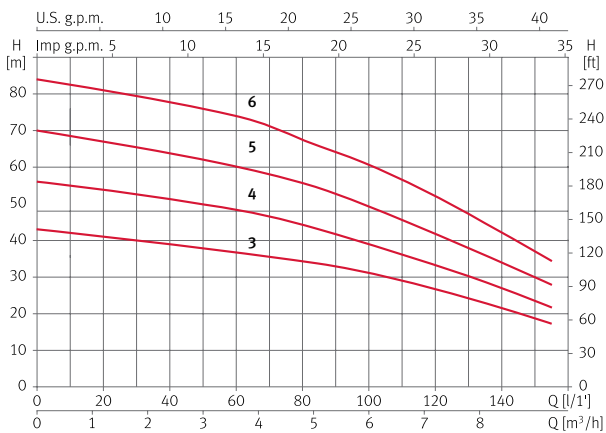
Model	I [A]			P1 [kW]		P2		c	l/min	20	40	60	80	100	120	140	150	1~230 V (model M)	3~400 V (model T)
	1~230 V	3~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]			m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.0	Code
								[µF]	m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.0	Code	Code
Aspri 45.3N	7.9	5.2	3	1.8	1.7	1.1	1.5	25	mwc	37	36	35	33	30	27	18	8	132087	132089
Aspri 45.4N	10	6.9	4	2.2	2.2	1.5	2	30		48	47	45	42	39	36	24	11	132088	132090
Aspri 45.5N		8.6	5		2.8	2	3			61	59	56	54	50	45	31	15		132091

Aspri 35N/45N Surface Horizontal

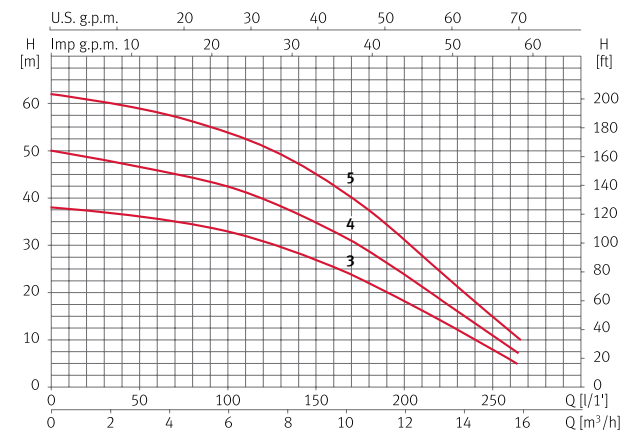


Performance curves at 2900 rpm

Aspri 35N



Aspri 45N

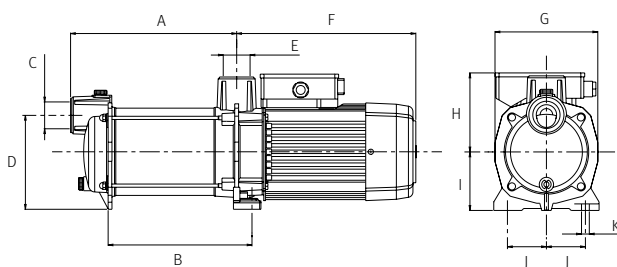


WATER SUPPLY SURFACE
HORIZONTAL & VERTICAL

Dimensions and weights

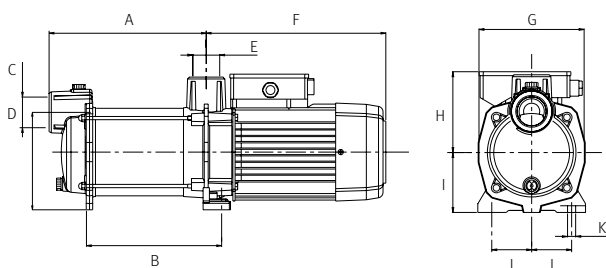
Aspri 35N

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Aspri 35 3	221.1	187.3	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	18.5/18.2
Aspri 35 4	246.6	211.8	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	20.5/18.6
Aspri 35 5	271.1	236.3	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	23.5/20.6
Aspri 35 6	295.6	260.8	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	23.7



Aspri 45N

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Aspri 45 3	245.9	211.6	1 1/2"	152	1 1/4"	281.5	158	125.3	90	60	12	22.6/18.6
Aspri 45 4	276.6	242.3	1 1/2"	152	1 1/4"	281.5	158	125.3	90	60	12	23.7/21.2
Aspri 45 5	307.3	273	1 1/2"	152	1 1/4"	281.5	158	125.3	90	60	12	25.3



*Service kits are available on request

LENNTECH
WATER TREATMENT SOLUTIONS

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