

Prisma 15/25 Surface Horizontal



Quiet-running multi-stage centrifugal pumps

Applications

To work with clean water in domestic applications, irrigation, and hydropneumatic sets. Self-priming to 2 m.

Materials

Pump body and impellers in AISI 304 stainless steel.
Motor shaft in AISI 420 stainless steel.
Diffusers in technopolymer.
Suction and discharge mountings in cast iron.
Mechanical seal in graphite and alumine.
Gaskets in EPDM and NBR.
Motor casing in aluminium.

Motor

Asynchronous, 2 poles.
IP 44 protection.
Class F insulation.
Continuous operation.
Single-phase version up to 1.5 HP with built-in thermal protection.
Efficiency IE2.

Limitations

Maximum liquid temperature: 40 °C.

LENNTECH
WATER TREATMENT SOLUTIONS



Hydraulic performance table

Model	I [A]			P1 [kW]		P2		c	l/min	10	20	30	35	40	50	60	65	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]	1~230 V (model M)
								m³/h											0.6
Prisma 15 3	2.74	2.1	1.21	0.61	0.61	0.37	0.5	12	mwc	32	30	26	24	22	17	10.5	7	97141	97138
Prisma 15 4	3.53	2.3	1.3	0.79	0.7	0.55	0.75	12		43	39	35	32	27	21.5	14	9	97150	97148
Prisma 15 5	4.13	3.3	1.9	0.95	0.95	0.75	1.0	12		51	47	42	38	34	25	17	12	97159	97157

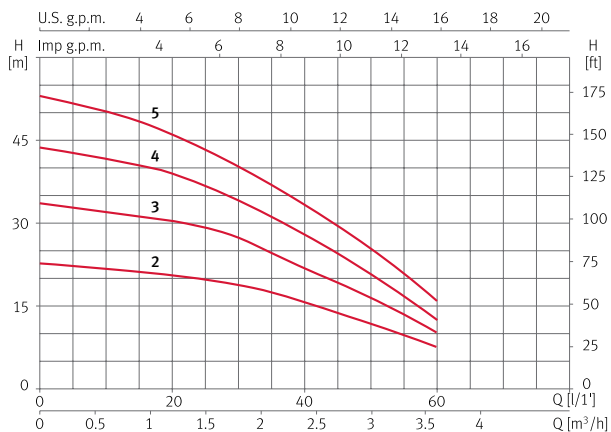
Model	I [A]			P1 [kW]		P2		c	l/min	15	30	45	60	75	90	105	120	1~230 V (model M)	3~400 V (model T)
	1~ 230 V	3~ 230 V	3~ 400 V	1~ 230 V	3~ 400 V	[kW]	[HP]											[μF]	m³/h
Prisma 25 3	5.5	3.5	2	1.2	1	0.75	1	16	mwc	33	32	30.5	28	26	22	17	12	97178	97175
Prisma 25 4	6.8	4.3	2.5	1.5	1.4	0.92	1.25	16		43	42	40	37	33	28	22	15	97188	97185
Prisma 25 5	7.4	5.2	3	1.7	1.7	1.1	1.5	25		56	55	52.5	48	43	37	29	20	97196	97194
Prisma 25 6	9.8	6.7	3.9	2.2	2	1.5	2	30		72	68	65	58	50	40	32	24	97203	97202

Prisma 15/25 Surface Horizontal

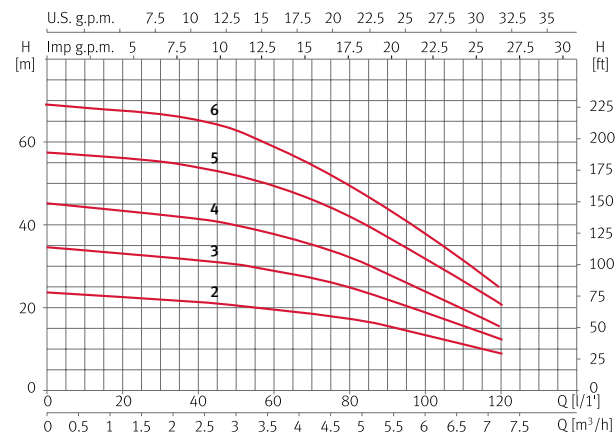


Performance curves at 2900 rpm

Prisma 15



Prisma 25

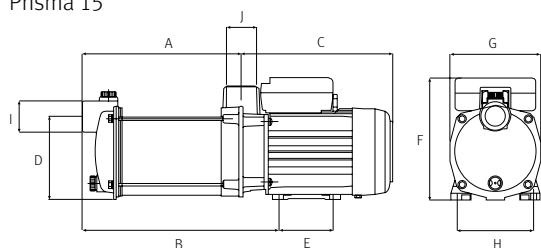


Dimensions and weights

Prisma 15

Model	A	B	C	D	E	F	G	H	I	J	Kg
Prisma 15 2	163	213	202	110	74	162	121	102	1"	1"	8.3
Prisma 15 3	187	237	202	110	74	162	121	102	1"	1"	9.2
Prisma 15 4	211	261	202	110	74	162	121	102	1"	1"	10
Prisma 15 5	235	285	202	110	74	162	121	102	1"	1"	11

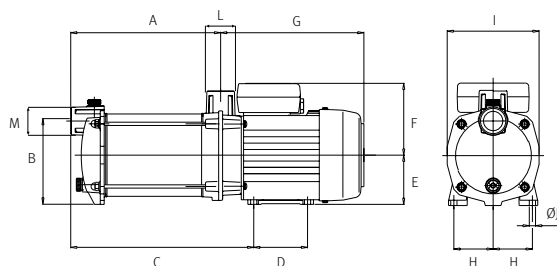
Prisma 15



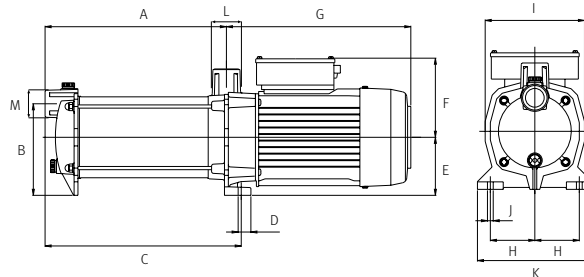
Prisma 25

Model	A	B	C	D	E	F	G	H	I	J	K	L	M	Kg
Prisma 25 3	202	127	252.5	82	75	109.5	218	59	138	8		1"	1"	13.5
Prisma 25 4	228.5	127	279	82	75	109.5	218	59	138	8		1"	1"	14.6
Prisma 25 5	255	127	328	82	75	109.5	240.5	59	138	8		1"	1"	17.2
Prisma 25 6	281	142	304	20	89.5	122	286	69	154	10	178	1"	1"	20

Prisma 25 3/4/5



Prisma 25 6



*Service kits are available on request

WATER SUPPLY SURFACE
HORIZONTAL & VERTICAL

Prisma 35N/45N Surface Horizontal



Quiet-running multi-stage centrifugal pumps

Applications

For domestic and industrial supply.
Irrigation and hydropneumatic sets.

Materials

Pump body and impellers in stainless steel AISI 304.
Motor shaft in stainless steel AISI 420.
Diffusers in tecnopolimer.
Suction and discharge mountings in cast iron.
Mechanical seal in graphite and alumine.
O-rings in EPDM and NBR.
Motor housing in aluminium.

Motor

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

Limitations

Maximum liquid temperature: 40 °C.



Hydraulic performance table

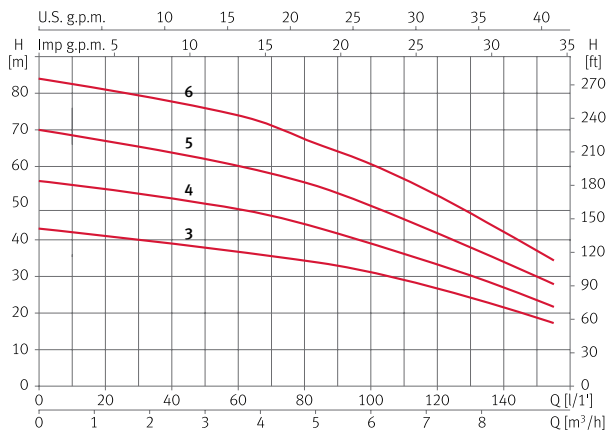
Model	I [A]			P1 [kW]		P2		c	l/min	20	40	60	80	100	120	140	150	1~230 V (model M)	3~400 V (model T)
	1~230 V	3~230 V	3~400 V	1~230 V	3~400 V	[kW]	[HP]			m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.0	Code
Prisma 35 3N	6.7	4.5	2.6	1.5	1.4	0.8	1	25	mwc	41	39	36	34	31	27	22	18	129343	129346
Prisma 35 4N	8.4	5.3	3.1	1.8	1.8	1.1	1.5	25		54	51	48	44	39	33	27	23	129344	129347
Prisma 35 5N	10.2	6.9	4	2.3	2.2	1.5	2	30		68	64	60	55	49	41	34	30	129345	129348
Prisma 35 6N		8.3	4.8		2.7	2.2	3			81	78	74	67	60	52	42	37		129349

Model	I [A]			P1 [kW]		P2		c	l/min	25	50	75	100	125	150	200	250	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	1.5	3.0	4.5	6.0	7.5	9.0	12	15	Code
Prisma 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	132082	132084
Prisma 45 4N	10	6.9	4	2.2	2.2	1.5	2	30		48	47	45	42	39	36	24	11	132083	132085
Prisma 45 5N		8.6	5		2.8	2	3			61	59	56	54	50	45	31	15		132086

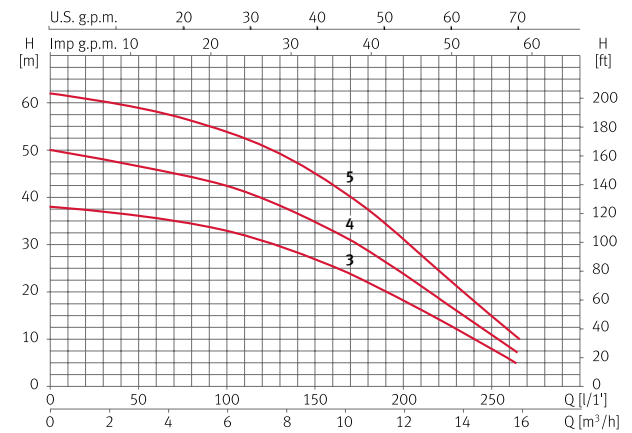
Prisma 35N/45N Surface Horizontal

Performance curves at 2900 rpm

Prisma 35N



Prisma 45N

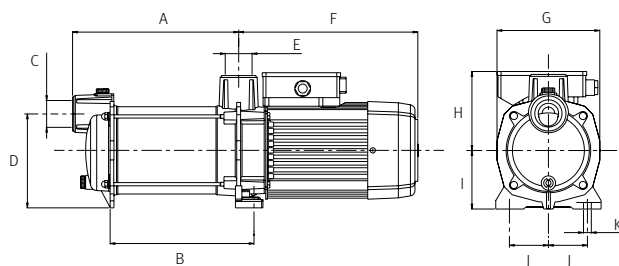


WATER SUPPLY SURFACE
HORIZONTAL & VERTICAL

Dimensions and weights

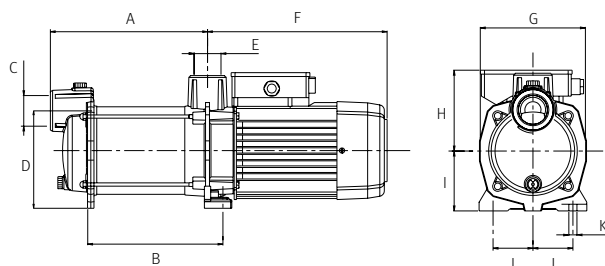
Prisma 35N

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Prisma 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
Prisma 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
Prisma 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
Prisma 35 6	295.6	260.8	1 1/4"	147	1 1/4"	281.5	158	125.3	90	60	12	23.7



Prisma 45N

Model	A	B	C	D	E	F	G	H	I	J	K	Kg
Prisma 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
Prisma 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
Prisma 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

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WATER TREATMENT Solutions

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