2CPM
CENTRIFUGAL PUMP

The 2CPm Series electric pump features a compact design, lightweight construction, and easy installation, making it an ideal energy-efficient solution for residential and agricultural water transfer applications. Engineered for reliable performance, it provides an effective and economical pumping solution for a wide range of uses.

Typical applications include farmland irrigation, sprinkler systems, garden watering, greenhouse water supply, aquaculture water circulation and drainage, well water extraction, and domestic water pressure boosting. Its versatility and dependable operation make it well suited for everyday household and agricultural water supply requirements.

MODEL DESCRIPTION

2 CPm 25 / 130

- Impeller Specification
- Inlet Size
- CPm Centrifugal Pump
- No. of Impleller Stages



Industrial Water

Urban Water Supply

Garden Irrigation

DESCRIPTION

Liquid Type:	Clean water
Applications:	Industrial water, Urban water supply, Garden irrigation
Typology:	Surface
Family:	Centrifugal

PUMP CONFIGURATION

Pump Body:	Cast iron
Motor Shaft:	AISI304
Impeller:	304 stainless steel
Mechanical seal:	Ceramic - Graphite

APPLICATION LIMITS

Manometric suction lift up to 7 m
Liquid temperature up to +40° C
Ambient temperature up to +40° C
The PH value of the medium is between 6.5-8.5
Max. working pressure 1.0MPa

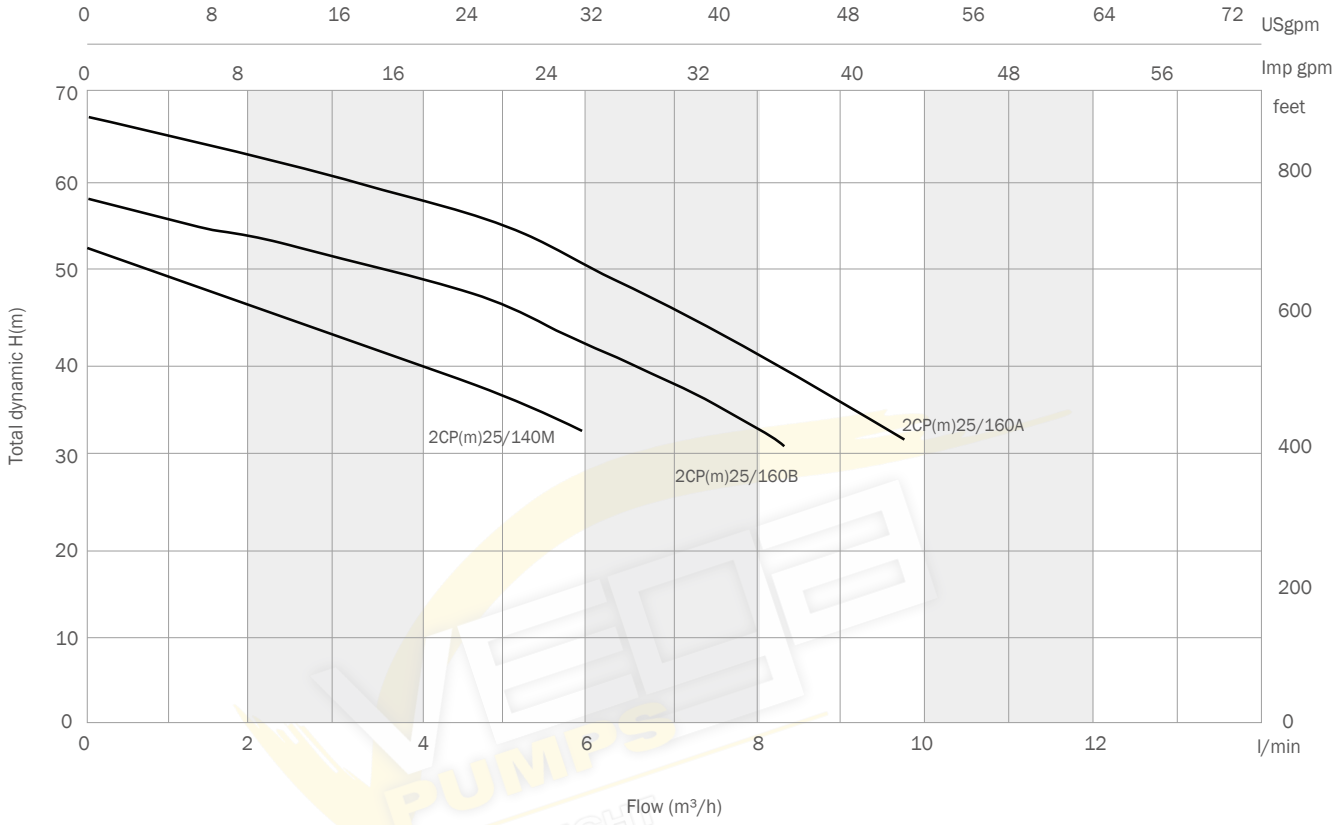
TECHNICAL SPECIFICATIONS

Max.Power	Up to 2.2 kW
Max.Flow	9.6m^3/h
Max.Head	68m
Insulation	Class F
Protection	IP 44

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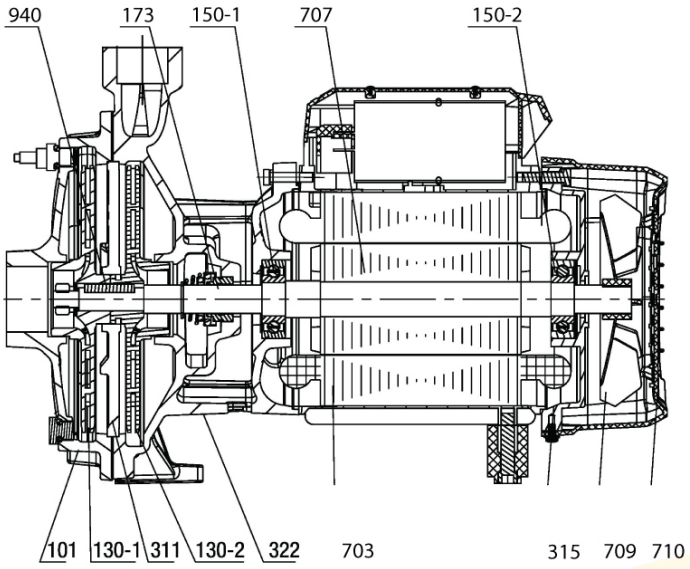
PERFORMANCE CURVE



PERFORMANCE TABLE

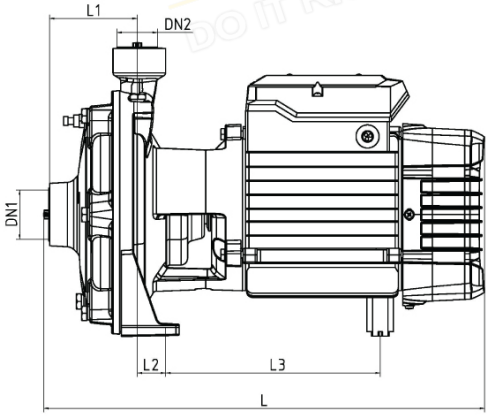
Model	Power	Suct. Max	Size	Q(m³/h)	0	1.2	2.4	3.6	4.8	6	7.2	8.4	9.6
	kW	m	Inch	Q(l/min)	0	20	40	60	80	100	120	140	160
2CP(m)25/140M	1.1	7	1¼"×1"	H(m)	54	50	46	42	38	33			
2CP(m)25/160B	1.5	7	1¼"×1"		58	55	53	50	47	42	37	31	
2CP(m)25/160A	2.2	7	1¼"×1"		68	65	63	60	57	52	47	41	35

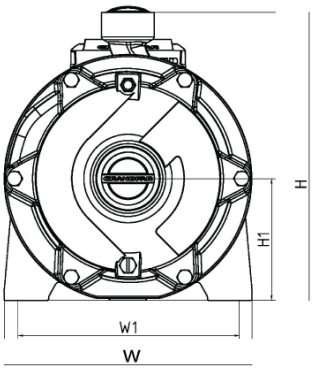
MATERIALS OF CONSTRUCTION



POS.	COMPONENT	MATERIAL
101	PUMP BODY	Cast iron
130-1	IMPELLER	Stainless steel
130-2	IMPELLER	Stainless steel
150-1	BEARING	C&U bearing
150-2	BEARING	C&U bearing
173	MECHANICAL SEAL	Ceramic - Graphite
311	BAFFLE	Cast iron
315	END COVER	Cast iron / Aluminium
322	COUPLING	Cast iron
703	STATOR CORE WITH WINDING	Assemblies
707	CAST ALUMINUM ROTOR	AISI304
709	FAN	Plastic
710	FAN COVER	Plastic
940	KEY	Stainless steel

DIMENSIONS

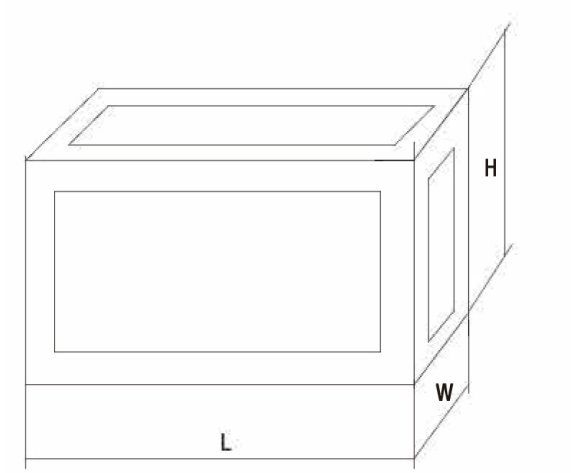




Model	Dimensions (mm)									
	DN1	DN2	L	W	H	L1	L2	L3	W1	H1
2CP(m)25/140M	1¼"	1"	401.5	200	224	82	16.8	202	162	91.8
2CP(m)25/160B	1¼"	1"	401.5	226	262	81.7	26.8	192.5	185	110.7
2CP(m)25/160A	1¼"	1"	457.5	226	262	81.7	26.8	217.7	185	110.7

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PACKAGING DIMENSIONS



Model	N.W	G.W	Outer box LxWxH (cm)
2CP(m)25/140M	26.9	20.5	44.5x23.5x27.5
2CP(m)25/160B	26.9	25.5	44.5x26.5x32
2CP(m)25/160A	35	31.5	49.5x25.5x30.5