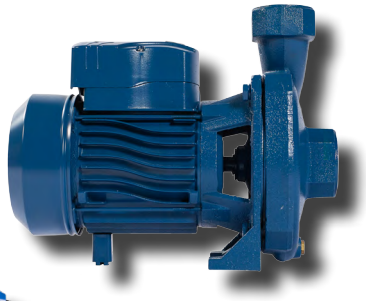
SINGLE STAGE PUMPS

CPM





Range of performance

Flow rate:	max 416 L/min (25m³/h)
Head:	max 30m

Limits of use

Suction lift:	max 7m
Liquid temperature:	40°C
Ambient temperature:	40°C

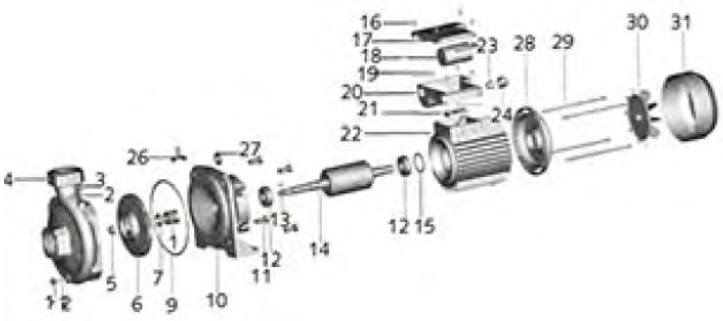
Uses and installations

They are recommended for pumping clean water without abrasive particles and liquids that are chemically non aggressive for the materials of which the pump is made. Due to their reliablity, simplicity of use and economy, they are suitable for high flow requirements & specifically for centre pivot/greenhouse irrigation. The pump must be installed under a vented cover and protected against exposure to rain or water spray.

Construction Characteristics

Pump Body:	Cast Iron
Impeller:	Brass
Motor Shaft:	Stainless Steel 304
Mechanical Seal:	Ceramic-graphite
Electric Motor:	Single-phase 230V - 50Hz with capacitor and thermal overload protector.
CP:	three-phase380/400v -50Hz
Insulation:	Class B
Protection:	IP 44

Diagram

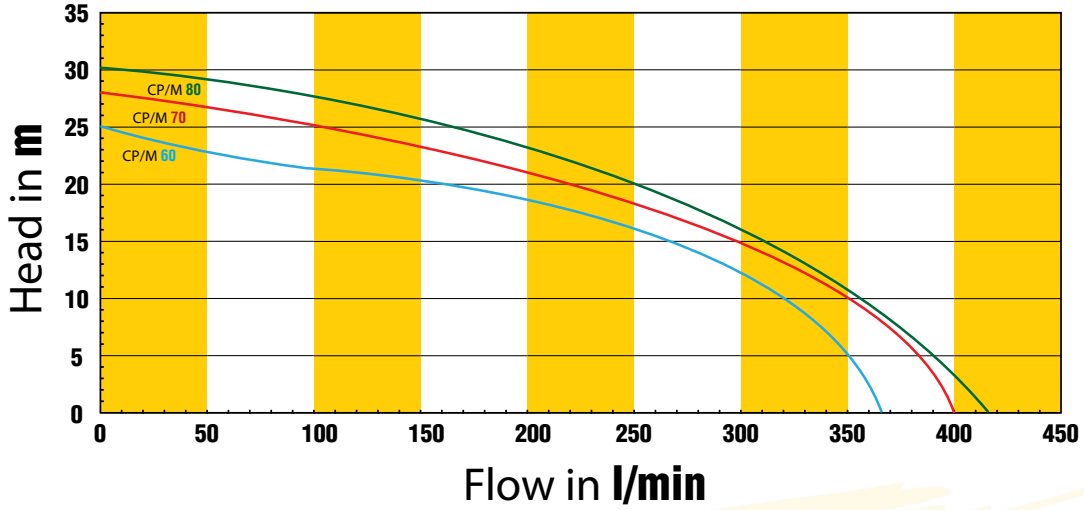


Diagram

No.	Description	No.	Description	No.	Description	No.	Description
1	Water vent screw	9	O-Ring	17	Terminal cover	25	Screw
2	O-Ring	10	Pump Support	18	Capacitor	26	Stand
3	Air vent screw	11	Bolt	19	Screw	27	Drop guard
4	Pump body	12	Bearing	20	Terminal box	28	Driving cap
5	Nut	13	Key	21	Terminal board	29	Bolt
6	Impeller	14	Rotor	22	Motor Bracket	30	Fan
7	Washer	15	Split ring	23	Cable Fixer	31	Fan Cover
8	Mechanical Seal	16	Screw	24	Nut		

PERFORMANCE
CURVE

Hydraulic Performance Curve

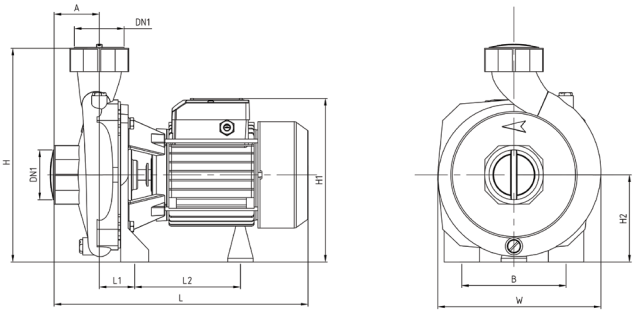


Technical Data

NO	MODE	POWER		Q (m³/h)	0	3	6	9	12	15	18	21	24	27
	1ph / 3ph	kW	HP	Q (l/min)	0	50	100	150	200	250	300	350	400	450
1	CP/M60	1.1	1.5	H (m)	25	22.8	21.8	20.7	19	16	12.9	4.4		
2	CP/M70	1.5	2		28	26.5	25	23.5	21	18.3	15	10	0	
3	CP/M80	2.2	3		30	29.1	27.6	24.9	22	19.6	16.3	10.8	2.7	

Dimensions

No	Model	Freq.	Suct. Max	Size	Start-up Amps (1ph)	Running Amps (1ph)	Dimension	N/W
	1 ph / 3ph	Hz	m	inch	A	A	L x W x H mm	kg
1	CPM60	50	7	2" x 2"	16	5.2	403x245x310	21.2
2	CPM70	50	7	2" x 2"	23.5	7.5	403x245x310	23.6
3	CPM80	50	7	2" x 2"	30.5	10.2	440x242x295	29.8



Installation Dimensions

Model	Dimensions(mm)										
	DN1	DN2	L	W	H	H1	H2	A	B	L1	L2
CPM60	2"	2"	373	215	280	240	240	60	150	80	135
CPM70	2"	2"	373	215	280	240	240	60	150	80	135
CPM80	2"	2"	400	215	280	240	240	60	150	80	135