



Application

Suitable for use with clean water that does not contain abrasive particles and liquids that are not chemically aggressive towards the materials from which the pump is made.

They are easy to use and are economical, they are ideal for domestic use and in particular for distributing water in combination with small pressure sets and for the irrigation of gardens and allotments.

The pump comes complete with a flap-check valve.

The pump should be installed in an enclosed environment, or at least sheltered from inclement weather.

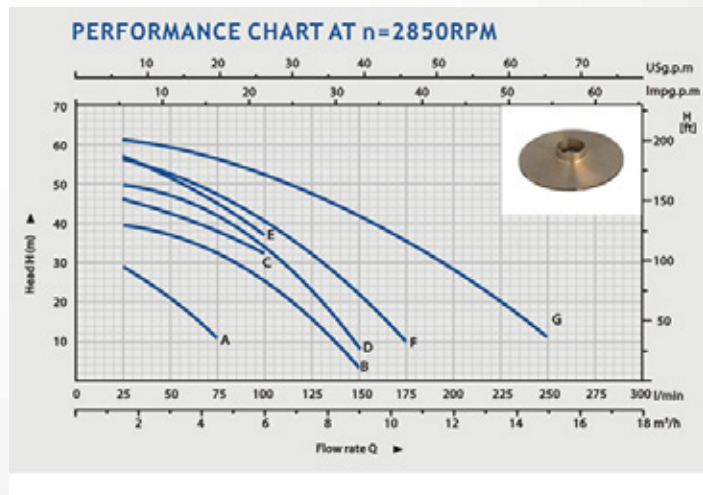


Motor

1. Two-pole induction motor (n=2850 r.p.m)
2. Insulation Class B
3. Protection IP44
4. Continuous service S1
5. Thermal protector
6. Single-phase 220V/50Hz, 60Hz if request
7. Three-phase 380V/50Hz, 60Hz if request

Operating conditions

1. Liquid temperature to 60°C
2. Ambient temperature to 40°C
3. Total suction lift up to 8m



Component	Construction
Pump body	Cast iron with brass/AISI304 insert if request, reduces the risk of impeller seizure
Pump support	Cast iron with brass/AISI304 insert if request, reduces the risk of impeller seizure

Motor housing	Aluminum, Sheet steel for CP130
Impeller	Brass
Motor shaft	Carbon steel, AISI420/304 SS if request
Mechanical seal	Ceramic / Graphite
Bearings	6202 RZ/6203 RZ (1 HP), 6204 RZ/6204 RZ (1.5HP&2HP) 6205 RZ/6304 RZ (3HP), 6205 RZ/6306 RZ (4HP)

No.	MODEL	POWER		Q(m ⁵ /h)	0	1.5	3.0	4.5	6.0	7.5	9.0
		kW	HP								
D	2HCP-160B	1.5	2.0	H	54	50	47	42	34	24	8

No.	Model	INLET/OUTLET		N.W	L X W X H
		(Inch)			
D	2HCP-160B	1 1/2" x 1"		27	455 x 255 x 290