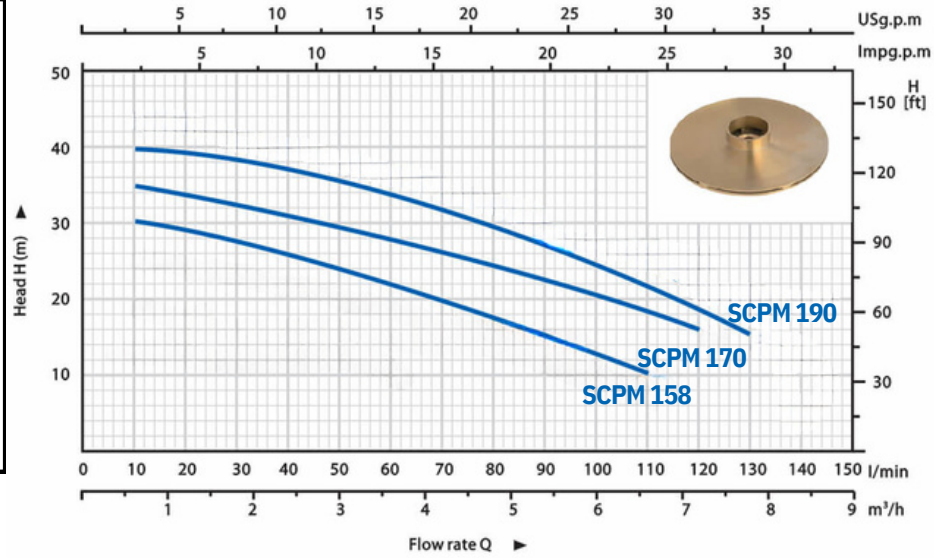


SCPM DOMESTIC PUMP



Performance Curves



Typical Applications

- Domestic water distribution in households, ensuring reliable water supply for daily needs like drinking and bathing.
- Ideal for small to medium pressure sets, facilitating efficient water flow in residential and commercial buildings.
- Facilitates liquid transfer operations, aiding in tasks such as filling tanks, containers, or reservoirs with ease.
- Enables efficient irrigation of gardens and allotments, ensuring plants receive adequate water for healthy growth.
- Suited for enclosed or sheltered environments, protecting the pump from adverse weather conditions and prolonging its lifespan.
- Designed for handling clean water efficiently, making it suitable for various applications where purity is essential.
- Supports civil water distribution systems, contributing to the supply of water in urban and rural areas.

Motor

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

Operating Conditions

- Liquid temperature up to 60°C
- Ambient temperature up to 40°C
- Total suction lift up to 8m

Component Construction

- Pump body: Cast iron
- Pump support: Cast iron
- Motor housing: Aluminum
- Impeller: Brass
- Motor shaft: Carbon steel, AISI304 SS if request
- Mechanical seal: Ceramic/Graphite (0.5HP), SIC/Graphite

Technical Data

Model	Motor			Dimensions(mm)					Weight (kg)
	kW	HP	Current (A)	L	W	H	DN1(″)	DN2(″)	
SCPM 158	0.75	1	5.2	305	190	260	1	1	14
SCPM 170	1.1	1.5	7	346	230	293	1.5	1.5	21
SCPM 190	1.5	2	10	380	265	325	1.25	1	21

