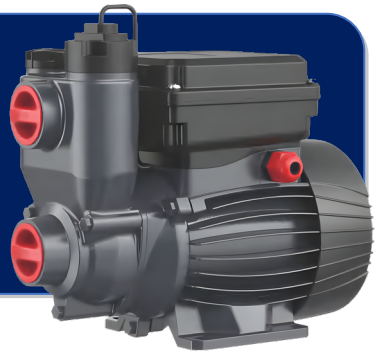
SMART SELF-PRIMING PUMPS “HQ60E”



TECHNICAL FEATURES

- Suitable for clean water free of abrasive particles and liquids that are not chemically aggressive to the pump materials.
- Easy to use and economical: ideal for domestic use, in particular for water distribution with small pressure sets and for the irrigation of gardens and allotments.
- Supplied complete with a flap check valve.
- Keeps the water pressure stable so that water heaters work normally.
- Install in an enclosed area, or at least sheltered from bad weather.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector
- Single-phase 220 V / 50 Hz (60 Hz on request)

WORKING CONDITION

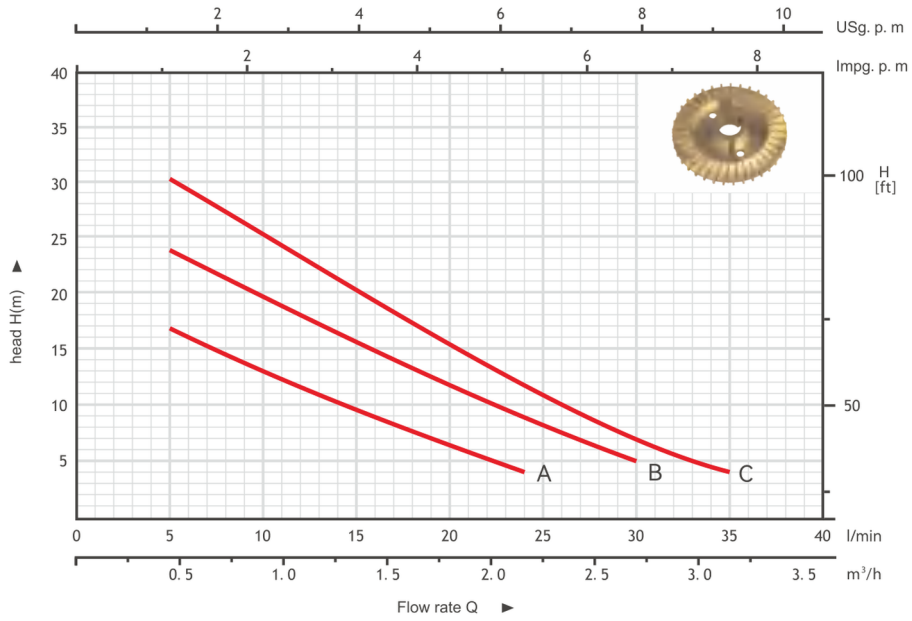
- Liquid temperature up to 80 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron + AISI 304 SS insert
Pump support	Cast iron, with brass / AISI 304 SS insert on request
Motor housing	Aluminium
Impeller	Brass
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

SMART SELF-PRIMING PUMPS “HQ60E”

PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.3	0.6	0.9	1.2	1.5	1.8	2.1
				Q (l/min)	0	5	10	15	20	25	30	35
A	HQ60E-125	0.125	0.17	H (m)	21	17.5	14	10	7	4		
B	HQ60E-250	0.25	0.34	H (m)	28	24	20	16	12	8.5	5	
C	HQ60E	0.37	0.5	H (m)	35	30	25	20	15.5	11	7.5	4

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HQ60E-125	1" × 1"	5.55	280 × 155 × 250
B	HQ60E-250	1" × 1"	6.8	280 × 155 × 250
C	HQ60E	1" × 1"	7	280 × 155 × 250

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.