SWIMMING POOL PUMPS “HFC-D”



TECHNICAL FEATURES

- Suitable for water circulation and filtration systems in swimming pools, water features, hot springs, saunas, baths and fish farming.



HFC-03D (on request)



HFC-01D

MOTOR

- Two or four-pole induction motor (n = 3450 or 1725 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 110 or 220 V / 60 Hz

WORKING CONDITION

- Liquid temperature up to 45 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

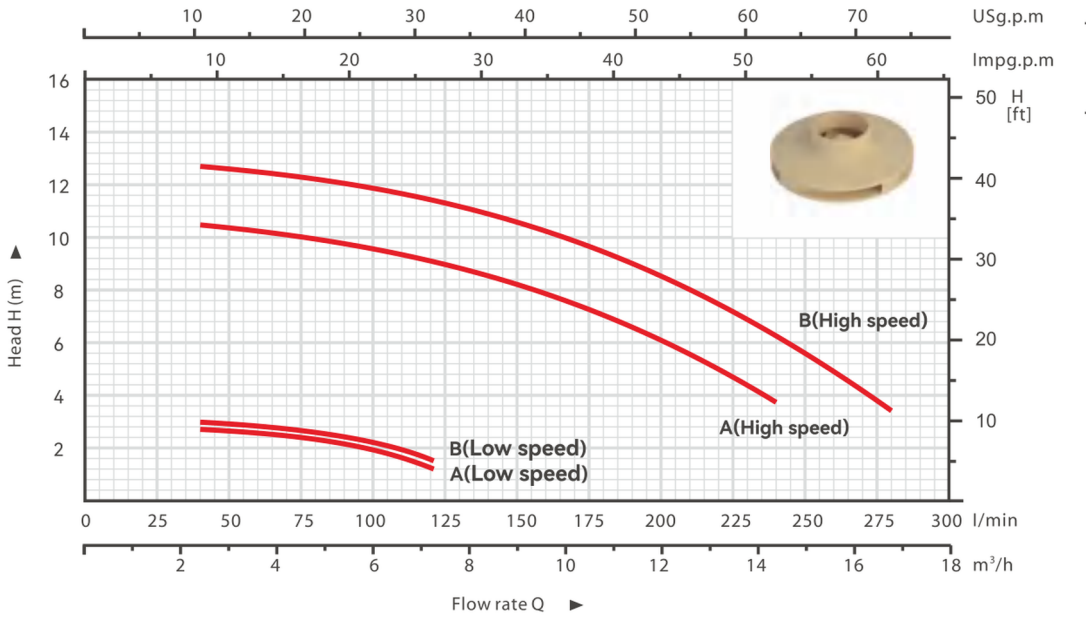
MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Techno-polymer
Pump support	Aluminium
Motor housing	Aluminium
Impeller	Techno-polymer
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

ATLAS MIDDLE EAST FZE | Sharjah Hamriyah Freezone – LV-15/C, Sharjah - UAE atlas-me.ae

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PERFORMANCE CHART



MODEL	SPEED	POWER kW	Q (m³/h)	0	2.4	4.8	7.2	9.6	12	14.4	16.8
			Q (l/min)	0	40	80	120	160	200	240	280
HFC-801D	High	0.8	H (m)	10.8	10.4	9.8	9	7.7	6	3.8	
HFC-801D	Low	0.25	H (m)	2.8	2.7	2.3	1.2				
HFC-901D	High	0.9	H (m)	13	12.6	12	11.2	10	8.2	6	3.4
HFC-901D	Low	0.25	H (m)	3.1	3	2.6	1.6				

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (mm)	N.W. (kg)	L × W × H (mm)
A	HFC-801D	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	9.3	590 × 230 × 295
B	HFC-901D	48.5 (50) × 48.5 (50); 60.3 (63) × 60.3 (63) on request	10.5	590 × 230 × 295

Performance values at n = 3450 or 1725 rpm (two- or four-pole motor), 60 Hz. Specifications are subject to change without notice.