CENTRIFUGAL PUMPS “ACm25/160B”



TECHNICAL FEATURES

- Suitable for clean water and liquids that are not chemically aggressive to the pump materials.
- Reliable and easy to use: widely used in domestic and civil applications such as water distribution with small and medium-sized pressure sets, liquid transfer, and the irrigation of gardens and allotments.
- Install in an enclosed area, or at least sheltered from bad weather.



HBCm25/160B (on request)



ACm25/160B

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

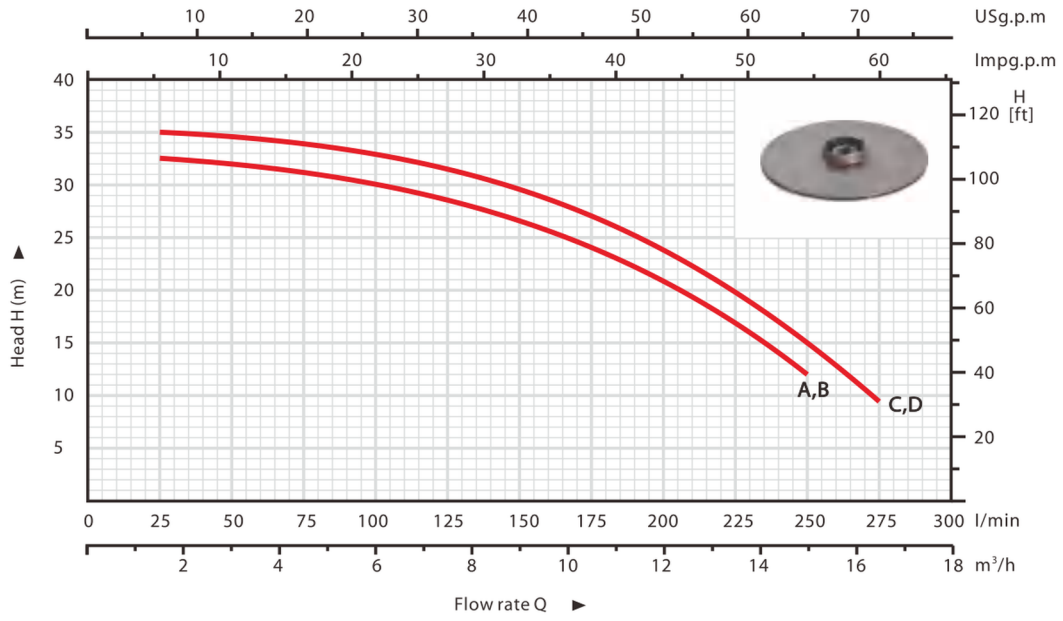
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Pump support	Aluminium
Motor housing	Aluminium
Impeller	AISI 304 SS
Motor shaft	Carbon steel, AISI 304 SS on request
Mechanical seal	Ceramic / Graphite

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	1.5	3	4.5	6	7.5	9	10.5	12	13.5	15	16.5
				Q (l/min)	0	25	50	75	100	125	150	175	200	225	250	275
A	ACm25/160B	1.1	1.5	H (m)	33	32.5	32	31	30	28.5	26.5	24	21	17	12	
B	ACm40/160B	1.1	1.5	H (m)	33	32.5	32	31	30	28.5	26.5	24	21	17	12	
C	ACm25/160A	1.5	2	H (m)	35.5	35	34.5	34	33	31.5	29.5	27	24	20	15	9.5
D	ACm40/160A	1.5	2	H (m)	35.5	35	34.5	34	33	31.5	29.5	27	24	20	15	9.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	ACm25/160B	1½" × 1"	18	420 × 230 × 292
B	ACm40/160B	1½" × 1½"	18	420 × 230 × 292
C	ACm25/160A	1½" × 1"	19.8	420 × 230 × 292
D	ACm40/160A	1½" × 1½"	19.8	420 × 230 × 292

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