DOUBLE-IMPELLER CENTRIFUGAL PUMPS “2ACm”



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.



2HBCm (on request)



2ACm

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

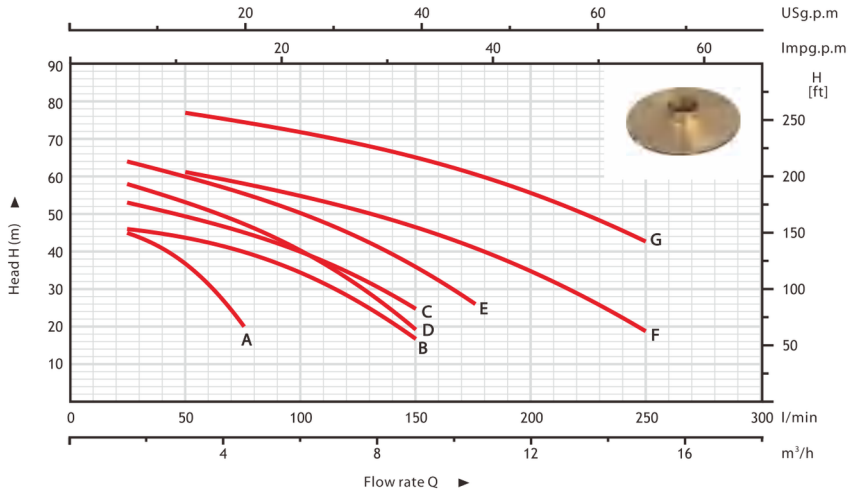
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron
Pump support	Cast iron
Motor housing	Aluminium
Impeller	AISI 304 SS (0.75~1.5 kW, No. A / B / C); Brass (1.5~4 kW, No. D / E / F / G)
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
				Q (l/min)	0	25	50	75	100	125	150	175	200	225	250
A	2ACm25/130	0.75	1	H (m)	45	41	33	20							
B	2ACm25/140M	1.1	1.5	H (m)	47	46	44	40	34.5	27	17				
C	2ACm25/160B	1.5	2	H (m)	56	53	49.5	45	39.5	33	25				
D	2ACm160/160	1.5	2	H (m)	62	58	53	47.5	39	29	19.5				
E	2AC25/160A	2.2	3	H (m)	64	62	59	55	49.5	42	34	26			
F	2ACm32/200C	3	4	H (m)	65	63.5	61	58.5	55	51	46.5	41	34	27	19
G	2AC32/200B	4	5.5	H (m)	80	79	77	74.5	72	69	65	60	55	49	43

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	2ACm25/130	1¼" × 1"	14.3	395 × 210 × 270
B	2ACm25/140M	1½" × 1"	20.8	435 × 235 × 272
C	2ACm25/160B	1½" × 1"	26	450 × 240 × 295
D	2ACm160/160	1½" × 1"	26	450 × 240 × 295
E	2AC25/160A	1½" × 1"	24.5	450 × 240 × 295
F	2ACm32/200C	1½" × 1¼"	44.5	525 × 305 × 370
G	2AC32/200B	1½" × 1¼"	45	525 × 305 × 370

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