CENTRIFUGAL PUMPS “ACm/7BR”



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.



HBCm/7BR (on request)



ACm/7BR

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

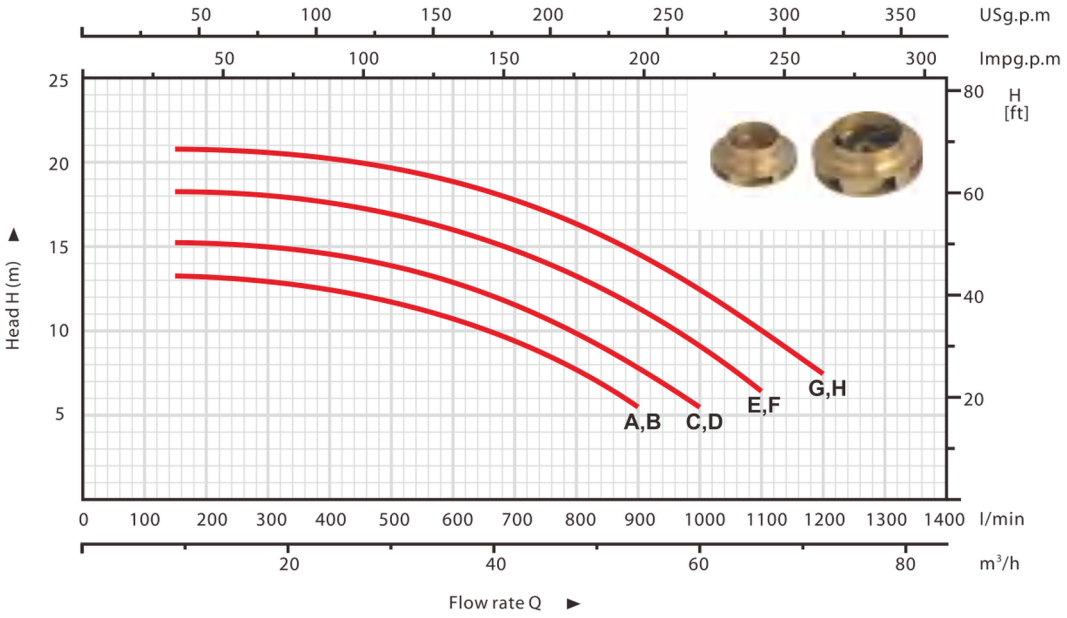
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

CENTRIFUGAL PUMPS “ACm/7BR”

MATERIALS

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

PERFORMANCE CHART AT n = 2850 RPM



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NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	18	24	30	36	42	48	54	60	66	72
				Q (l/min)	0	300	400	500	600	700	800	900	1000	1100	1200
A	ACm/6C	1.1	1.5	H (m)	13.5	13	12.5	11.8	10.6	9.2	7.5	5.5			
B	ACm/6CR	1.1	1.5	H (m)	13.5	13	12.5	11.8	10.6	9.2	7.5	5.5			
C	ACm/6B	1.5	2	H (m)	15.5	15	14.6	14	13	11.5	9.8	7.8	5.5		
D	ACm/6BR	1.5	2	H (m)	15.5	15	14.6	14	13	11.5	9.8	7.8	5.5		
E	ACm/6A	2.2	3	H (m)	18.5	18	17.7	17	16	14.8	13.2	11.2	9	6.5	
F	ACm/6AR	2.2	3	H (m)	18.5	18	17.7	17	16	14.8	13.2	11.2	9	6.5	
G	ACm/7B	3	4	H (m)	21	20.5	20.2	20	19.2	18	16.5	14.8	12.5	10	7.5
H	ACm/7BR	3	4	H (m)	21	20.5	20.2	20	19.2	18	16.5	14.8	12.5	10	7.5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	ACm/6C	3" × 3"	26	450 × 290 × 340
B	ACm/6CR	4" × 4"	27.5	450 × 290 × 340
C	ACm/6B	3" × 3"	27.2	450 × 290 × 340
D	ACm/6BR	4" × 4"	28.6	450 × 290 × 340
E	ACm/6A	3" × 3"	35.2	525 × 290 × 355
F	ACm/6AR	4" × 4"	36.6	525 × 290 × 355
G	ACm/7B	3" × 3"	38	525 × 290 × 355
H	ACm/7BR	4" × 4"	39.5	525 × 290 × 355

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