AG-R Series

ARMSTRONG

Wet Rotor Circulators

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Dimensions and weights

CAST IRON	PART NO.	A	B	C	D	CONNECTION TYPE & SIZE	WEIGHT	PERF. CURVE
AG-R 225-40-1	110223-530	130	130	105	130	Union 1½" × 1" BSPT	3.2	A
AG-R 225-50-1	110223-531	130	130	105	130	Union 1½" × 1" BSPT	3.3	B
AG-R 232-60-1	110223-532	180	130	105	130	Union 2" × 1¼" BSPT	3.8	C
AG-R 232-80-1	110223-533	180	150	130	160	Union 2" × 1¼" BSPT	5.5	D
AG-R 225-40-1-180	110223-534	180	130	105	130	Union 1½" × 1" BSPT	3.2	A
AG-R 225-50-1-180	110223-535	180	130	105	130	Union 1½" × 1" BSPT	3.3	B
AG-R 232-60-1-1.5"	110223-536	180	130	105	130	Union 2" × 1½" BSPT	3.8	C
AG-R 232-80-1-1.5"	110223-537	180	150	130	160	Union 2" × 1½" BSPT	5.5	D
AG-R 232-50-1	110223-538	180	130	105	130	Union 2" × 1¼" BSPT	3.3	B

NOTE: All dimensions are in mm and weights are in kg.

Motor data

MODEL	SPEED	FULL LOAD AMP DRAW (A)	NOMINAL POWER (W)
AG-R 225-40-1/ AG-R 225-40-1-180	3	0.32	66
	2	0.24	
	1	0.16	
AG-R 225-50-1/ AG-R 225-50-1-180/ AG-R 232-50-1	3	0.39	86
	2	0.32	
	1	0.22	
AG-R 232-60-1 AG-R 232-60-1-1.5"	3	0.48	112
	2	0.37	
	1	0.28	
AG-R 232-80-1 AG-R 232-80-1-1.5"	3	1.23	271
	2	0.95	
	1	0.77	

Materials of construction

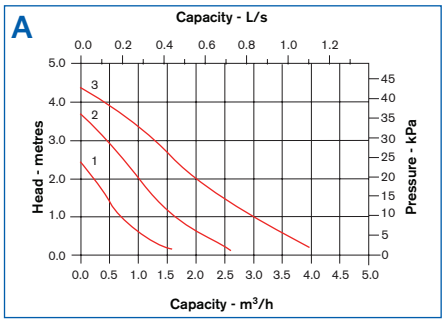
Pump body: Cast iron
Shaft: Ceramic
Gasket material: EPDM
Impeller: PA66
Bearings: Ceramic

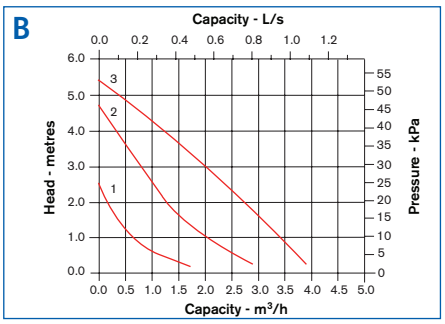
Technical data

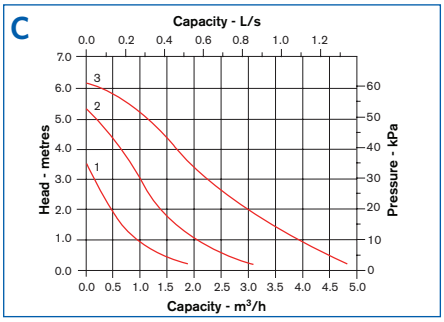
Flow range: 0 – 10.5 m³/hr
Motor: 230 V, single phase, 50 Hz
Max. fluid temperature*: 110°C
Max. working pressure: 10 bar
Head range: 0 – 8 m

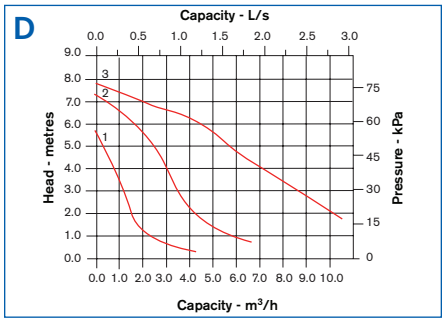
NOTE: All models are three speeds.
Armstrong AG-R Series are 230 V/single phase/50 Hz and are CE and CB approved.

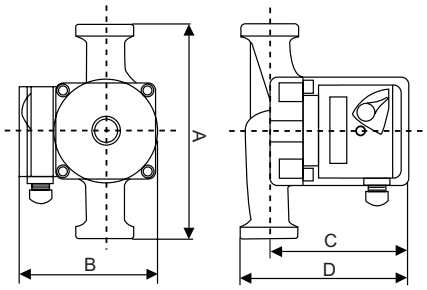
Performance curves











Typical specifications

Furnish and install, as shown on the plans, Armstrong AG-R series circulating pump model _____ with cast iron body and PA66 impeller. The pump shall have a capacity of _____ m³/hr against a total head of _____ meters.

*As water conditions (i.e. dissolved solids) can vary with geographical location, it is recommended that the operating temperature of the fluid for open (potable) systems be kept as low as possible (i.e. below 150°F or 65°C) to avoid precipitation of calcium.

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