

STANDARD CIRCULATORS Series "H"

SUBMITTAL

JOB: _____	REPRESENTATIVE: _____
_____	_____
ENGINEER: _____	ORDER NO: _____ DATE: _____
CONTRACTOR: _____	SUBMITTED BY: _____ DATE: _____
	APPROVED BY: _____ DATE: _____

PUMP DESIGN DATA	
Pump Model:	Flange Size:
No. of Pumps:	
Note:	
Capacity: _____ USgpm (l/s)	Temperature: _____ °F (°C)
Head: _____ ft. (m)	Liquid:
Companion Flanges	Included

Maximum Working Pressure:	125 Psig 863 (kPa)
Maximum Operating Temperature:	225 °F (107 °C)

OPTIONAL EQUIPMENT	
Performance curve	See pg. 2

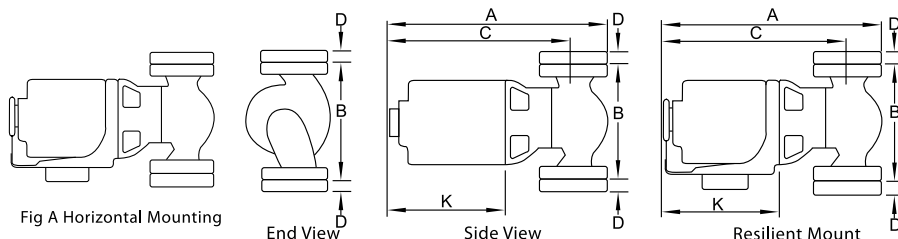
MATERIALS OF CONSTRUCTION				
PUMP NAME	H-32 to H-54 (BRONZE Fitted)	H-63 to H-68 (BRONZE Fitted)	H-32 to H-54 (ALL BRONZE / LF-BRONZE*)	H-63 to H-68 (ALL BRONZE / LF-BRONZE*)
Pump Body	Cast Iron		Bronze / Lead Free Bronze	
Impeller	Non-Ferrous			
Bearings	Sleeve-Oil Lubricated			
Shaft	Alloy Steel-Copper Sleeve			
Seal	Mechanical			
Stationary Seal Face	Sintered Silicon Carbide			
Coupler	H-32 & H-41 Flexible, 4-Spring	Flexible, Spacer Type	H-32 & H-41 Flexible, 4-Spring	Flexible, Spacer Type
	H-51 to H-54 Flexible, Spacer Type		H-51 to H-54 Flexible, Spacer Type	

* Contains less than 0.25% lead, weighted average

DIMENSIONAL DATA									
MODEL	FLANGE SIZE (N.P.T.)	MOTOR**		DIMENSIONS Inches (mm)				SHIPPING WEIGHT lbs (kg)	
		H.P.	PHASE & VOLT	A	B	C	D		
H-32	1	1/6	1 Phase 115 V	15 (381)	8-1/2 (216)	12-1/2 (318)	7/8 (22)	33 (15.0)	
	1-1/4								
	1-1/2								
H-41	1	1/6	1 Phase 115 V or 3 Phase 208/230/460V	15-1/4 (387)	8-1/2 (216)	12-1/2 (318)	3/4 (19)	33 (15.0)	
H-51	1	1/4		17-1/4 (438)	11-1/2 (292)	13-1/2 (343)	3/4 (19)	53 (24.0)	
H-52	1-1/4	1/3	1 Phase 115/230 V or 3 Phase 208/230/460 or 575 V	17-1/4 (438)	11-1/2 (292)	13-1/2 (343)	7/8 (22)	54 (24.0)	
H-53	1-1/2	1/2		20 (508)	11-1/2 (292)	16-1/2 (419)	7/8 (22)	64 (29.0)	
H-54	2	3/4		20 (508)	11-1/2 (292)	16-1/2 (419)	7/8 (22)	71 (32.0)	
H-63	1-1/2	1/2		23 (584)	13-1/2 (343)	19-3/4 (502)	7/8 (22)	96 (44.0)	
H-64	1-1/2	3/4		23 (584)	13-1/2 (343)	19-3/4 (502)	7/8 (22)	100 (45.0)	
H-65	1-1/2	1		23 (584)	13-1/2 (343)	19-3/4 (502)	7/8 (22)	102 (46.0)	
H-66	2	3/4		23-1/4 (591)	14 (356)	19-3/4 (502)	7/8 (22)	120 (54.0)	
H-67	2	1		23-1/4 (591)	14 (356)	19-3/4 (502)	7/8 (22)	125 (57.0)	
H-68	2	1-1/2		3 Phase 208/230/460 or 575 V	21-3/4 (552)	14 (356)	18-1/4 (464)	7/8 (22)	130 (59.0)

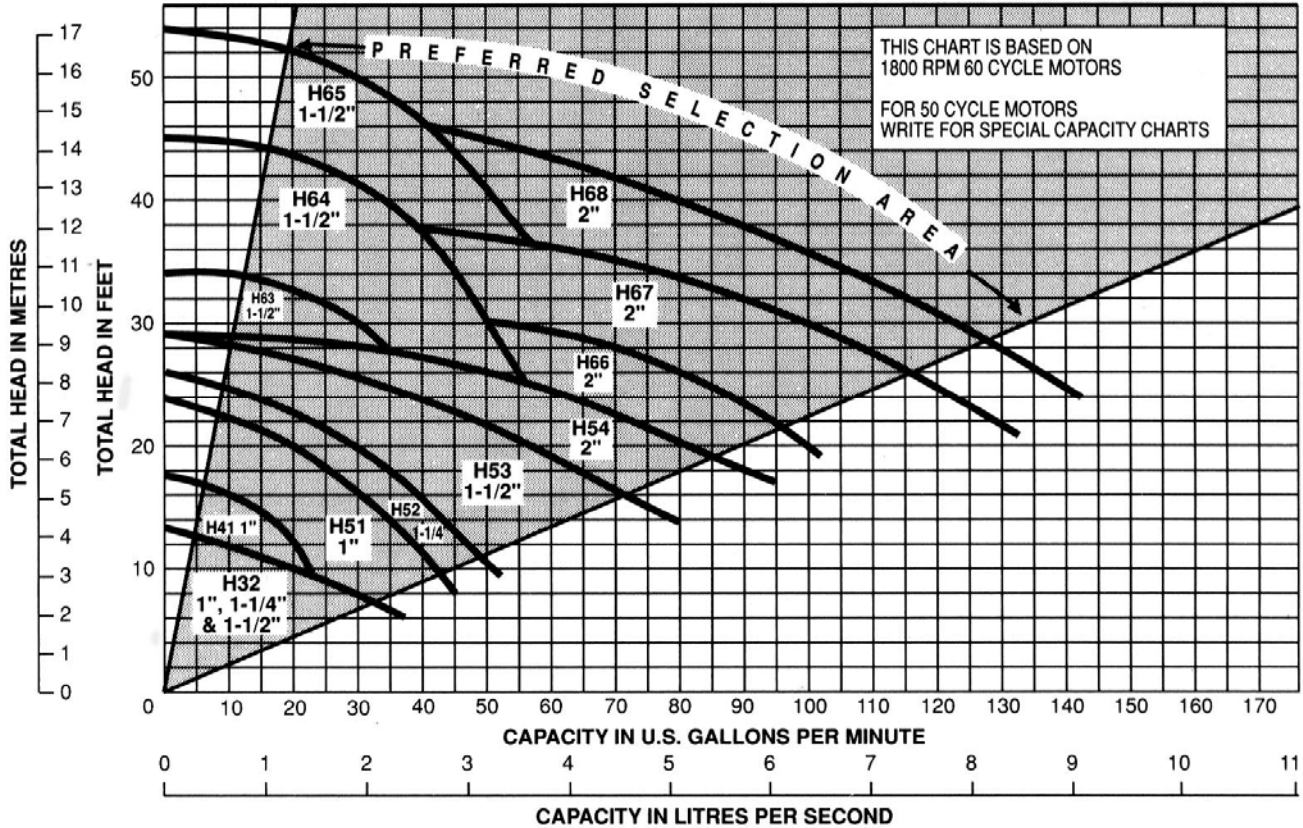
Dimensions shown are for reference only.

**All single phase motors are equipped with built-in thermal overload protection. Three phase motors require external overload protection. Conduit box not supplied on 1/2 hp or greater.



PERFORMANCE CURVES

Performance Guaranteed Only At Operating Point Indicated



S. A. Armstrong Limited
23 Bertrand Avenue
Toronto, Ontario
Canada, M1L 2P3
T: 416-755-2291
F: 416-759-9101

Armstrong Pumps Inc.
93 East Avenue
North Tonawanda, New York
U.S.A. 14120-6594
T: 716-693-8813
F: 716-693-8970

Armstrong Integrated Limited
Wenlock Way
Manchester
United Kingdom, M12 5JL
T: +44 (0) 8444 145 145
F: +44 (0) 8444 145 146

