

## SERIES H | STANDARD CIRCULATORS | SUBMITTAL

File No: 10.51  
 Date: DEC. 17, 2013  
 Supersedes: 10.51  
 Date: JULY 25, 2012

Job: \_\_\_\_\_ Representative: \_\_\_\_\_  
 \_\_\_\_\_ Ordered by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Engineer: \_\_\_\_\_ Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_  
 Contractor: \_\_\_\_\_ Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

### PUMP DESIGN DATA

Pump model: \_\_\_\_\_ Flange size: \_\_\_\_\_  
 No. of pumps: \_\_\_\_\_ Note: \_\_\_\_\_  
 Capacity: \_\_\_\_\_ USgpm (L/s) Head: \_\_\_\_\_ ft (m)  
 Temperature: \_\_\_\_\_ °F (°C) Liquid: \_\_\_\_\_  
 Companion flanges: Included

### MAXIMUM PUMP OPERATING CONDITIONS

125 psig at 225°F (863 kPa at 107°C)

### OPTIONAL EQUIPMENT

### MATERIALS OF CONSTRUCTION

PART NAME	H-32 TO H-54 BRONZE FITTED	H-63 TO H-68 BRONZE FITTED	H-32 TO H-54 LEAD FREE BRONZE*	H-63 TO H-68 LEAD FREE BRONZE*
<b>Pump Body</b>	Cast iron	Cast iron	Lead free bronze	Lead free bronze
<b>Coupler</b>	H-32 & H-41 flexible, 4-spring H-51 to H-54 flexible, spacer type	Flexible, spacer type	H-32 & H-41 flexible, 4-spring H-51 to H-54 flexible, spacer type	Flexible, spacer type

**Impeller:** Non-ferrous

**Bearings:**  Sleeve - Oil lubricated\*\*  
 'Maintenance free' bearings - No lubrication\*\*\*

**Seal:** Mechanical

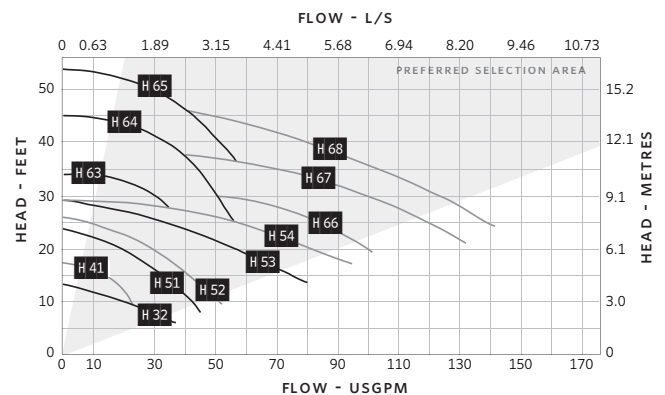
**Stationary seal face:** Sintered silicon carbide

\* Contains less than 0.25% lead, weighted average.

\*\* Alloy shaft with copper sleeve.

\*\*\* Stainless steel shaft.

### PERFORMANCE CURVE



Based on 1800 RPM, 60 Hz motors.

For 50 Hz motors write for special capacity charts.

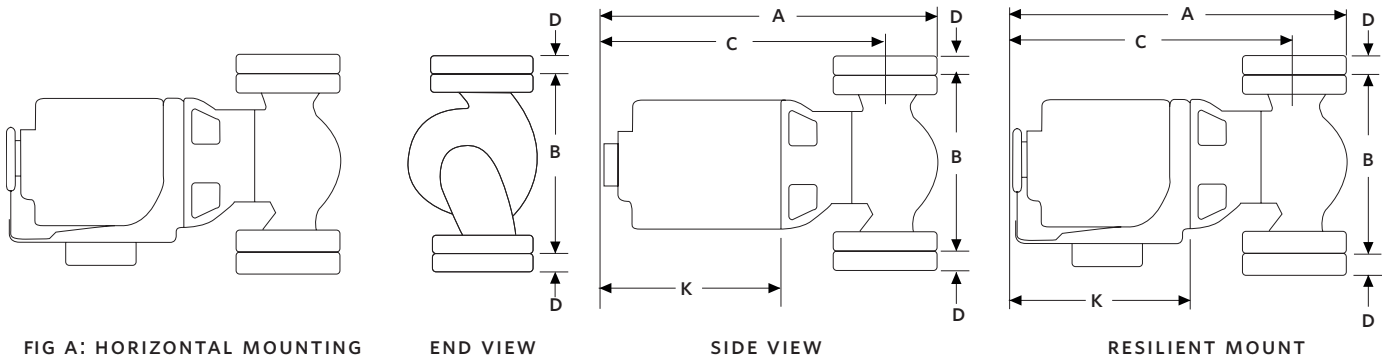
MODEL	FLANGE SIZE (N.P.T)	MOTOR <sup>†</sup>		DIMENSIONS inches (mm)				WEIGHT lbs (kg)
		HP	PHASE AND VOLT	A	B	C	D	
H32	1	1/6	1 phase 115 V	15.00 (381)	8.50 (216)	12.50 (318)	0.88 (22)	33 (15.0)
H32	1 1/4	1/6		15.00 (381)	8.50 (216)	12.50 (318)	0.88 (22)	33 (15.0)
H32	1 1/2	1/6		15.00 (381)	8.50 (216)	12.50 (318)	0.88 (22)	33 (15.0)
H41	1	1/6	1 phase 115 V or 3 phase 208/230/460 V	15.25 (387)	8.50 (216)	12.50 (318)	0.75 (19)	33 (15.0)
H51	1	1/4		17.25 (438)	11.50 (292)	13.50 (343)	0.75 (19)	53 (24.0)
H52	1 1/4	1/3	17.25 (438)	11.50 (292)	13.50 (343)	0.88 (22)	54 (24.0)	
H53	1 1/2	1/2	1 phase 115/230 V or 3 phase 208/230/460 or 575 V	20.00 (508)	11.50 (292)	16.50 (419)	0.88 (22)	64 (29.0)
H54	2	3/4		20.00 (508)	11.50 (292)	16.50 (419)	0.88 (22)	71 (32.0)
H63	1 1/2	1/2		23.00 (584)	13.50 (343)	19.75 (502)	0.88 (22)	96 (44.0)
H64	1 1/2	3/4		23.00 (584)	13.50 (343)	19.75 (502)	0.88 (22)	100 (45.0)
H65	1 1/2	1		23.00 (584)	13.50 (343)	19.75 (502)	0.88 (22)	102 (46.0)
H66	2	3/4		23.25 (591)	14.00 (356)	19.75 (502)	0.88 (22)	120 (54.0)
H67	2	1		23.25 (591)	14.00 (356)	19.75 (502)	0.88 (22)	125 (57.0)
H68	2	1 1/2	3 phase 208/230/460 or 575 V	21.75 (552)	14.00 (356)	18.25 (464)	0.88 (22)	130 (59.0)

Dimensions shown are for reference only. For exact dimensional data, contact factory.

<sup>†</sup>All single phase motors are equipped with a built-in thermal overload protection.

Three phase motors require external overload protection.

Conduit box not supplied on 1/2 hp or greater.



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