



Submittal Data Information

2400 Series High Capacity Circulators

101-134

EFFECTIVE: DECEMBER 14, 2009

SUPERSEDES: NEW

JOB _____ ENGINEER _____ CONTRACTOR _____ REP. _____

ITEM	MODEL NO.	G.P.M.	HEAD (FT.)	H.P.	ELEC. CHAR.
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Materials of Construction

Casing: Cast Iron or Stainless Steel
Seal Face Plate: Stainless Steel
Motor Housing: Aluminum
Impeller: 30% Glass-filled Noryl®
Impeller Insert: Stainless Steel
Shaft: Stainless Steel
Mechanical Seal: Carbon/Silicon-Carbide
Motor Bearings: Permanently lubricated ball bearing
O-Ring/Flange Gaskets: EPDM

Model Nomenclature

S — Stainless Steel, Flanged
Y — 230V/60/1 Motor

Performance Data

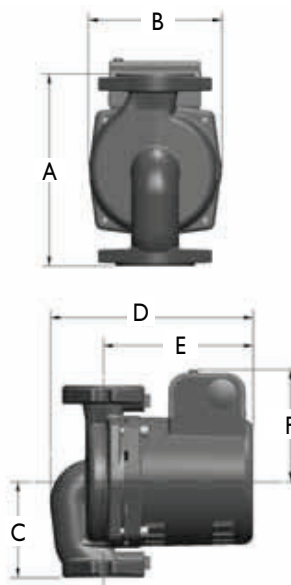
Flow Range: 0-147 GPM
Head Range: 0-51 Feet
Minimum Fluid Temp: 40°F (4°C)
Maximum Fluid Temp: 225°F (107°C)
Maximum Working Pressure: 150 psi

**FOR INDOOR USE ONLY**

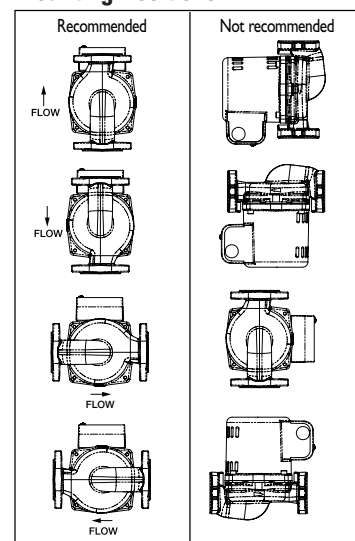
Pump Dimensions & Weights

All dimensions and weights are approximate.

Cast Iron	Stainless Steel	A		B		C		D		E		F		Ship Wt.	
		in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	lbs.	Kg
2400-10	2400-10S	6-3/8	162	4-1/2	114	3-3/16	82	6-7/8	175	5	127	3-3/4	95	11.5	5.3
2400-20	2400-20S	6-3/8	162	4-1/2	114	3-3/16	82	6-7/8	175	5	127	3-3/4	95	12.0	5.5
2400-30	2400-30S	8-1/2	216	4-3/4	121	4-1/4	108	8	203	5-1/4	133	3-3/4	95	14.5	6.6
2400-40	2400-40S	8-1/2	216	4-3/4	121	4-1/4	108	8	203	5-1/4	133	3-3/4	95	14.5	6.6
2400-45	2400-45S	6-3/8	162	4-5/8	119	3-3/16	82	8-3/4	222	6-7/8	175	3-3/4	95	15.0	6.8
2400-50	2400-50S	6-3/8	162	4-5/8	119	3-3/16	82	8-3/4	222	6-7/8	175	3-3/4	95	16.0	7.3
2400-50/2	2400-50S/2	6-3/8	162	5-1/4	133	3-3/16	82	8-3/4	222	6-7/8	175	3-3/4	95	16.5	7.5
2400-60	2400-60S	8-1/2	216	5-3/16	132	4-1/4	108	7-7/8	200	5-1/4	133	3-3/4	95	18.0	8.2
2400-65	2400-65S	8-1/2	216	5-1/2	140	4-1/4	108	9-7/8	251	7-1/4	184	3-3/4	95	22.0	10.0
2400-70	2400-70S	8-1/2	216	5-1/2	140	4-1/4	108	9-7/8	251	7-1/4	184	3-3/4	95	23.0	10.4
2400-70/3	2400-70S/3	8-1/2	216	6-5/8	168	4-1/4	108	10-1/2	267	7-1/4	184	3-3/4	95	29.0	13.2



Mounting Positions



Electrical Data

Model No.	Hz	Ph	115V	230V	RPM	HP
			Amps	Amps		
2400-10	60	I	1.4	.54	3450	1/10
2400-20	60	I	1.9	1.0	3450	1/6
2400-30	60	I	1.9	1.0	3450	1/6
2400-40	60	I	1.9	1.0	3450	1/6
2400-45	60	I	3.6	1.7	3450	1/3
2400-50	60	I	4.9	2.4	3450	1/2
2400-60	60	I	1.9	1.0	3450	1/6
2400-65	60	I	3.6	1.7	3450	1/3
2400-70	60	I	4.9	2.4	3450	1/2
Motor Type	Open Drip Proof, Permanent Split Capacitor, Thermally Protected					

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2400 Series Companion Flange Sets

Models	Connection	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
2400-10/10S	Iron NPT	110-251F	110-252F	110-253F	110-254F	---	---	---
2400-20/20S	S. Steel NPT	110-251SF	110-252SF	110-253SF	110-254SF	---	---	---
2400-45/45S	Bronze SWT	110-523BSF	110-524BSF	110-525BSF	110-526BSF	---	---	---
2400-50/50S	Shut-Off NPT	SF-075T	SF-100T	SF-125T	SF-150T	---	---	---
	Shut-Off SWT	SF-075S	SF-100S	SF-125S	SF-150S	---	---	---
2400-50/50S/2	Iron NPT	---	---	---	---	194-2124F	---	---
	S. Steel NPT	---	---	---	---	194-2124SF	---	---
2400-30/30S	Iron NPT	---	---	194-1540F	194-1542F	---	---	---
2400-40/40S	S. Steel NPT	---	---	194-1540SF	194-1542SF	---	---	---
	Shut-Off NPT	---	---	SF-125T-0012	SF-150T-0012	---	---	---
	Shut-Off SWT	---	---	SF-125S-0012	SF-150S-0012	---	---	---
2400-60/60S	Iron NPT	---	---	---	---	185-086C	---	---
2400-65/65S	Bronze NPT	---	---	---	---	185-086B	---	---
2400-70/70S	Iron NPT	---	---	---	---	---	185-112C	185-113C
2400-70/70S/3	Bronze NPT	---	---	---	---	---	185-112B	185-113B

Do it Once. Do it Right.®

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