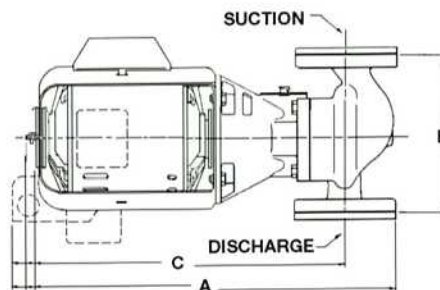
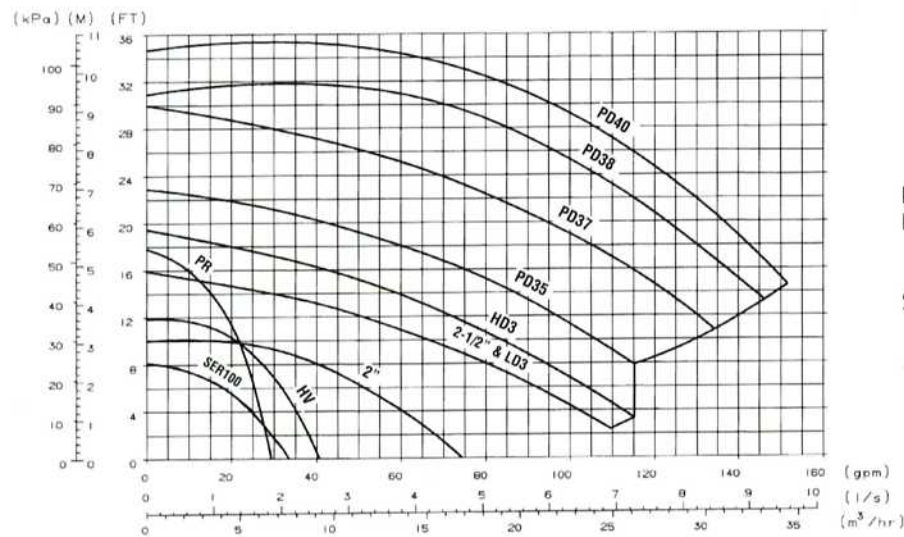


Oil Lubricated Circulators Three-Piece



Maximum working pressure125 psi (8.6 bar)
 Maximum operating temperature
 Standard Seal 225°F (107°C) continuous
 Special Seals 250°F (121°C) continuous
 See page 8 for flanges.



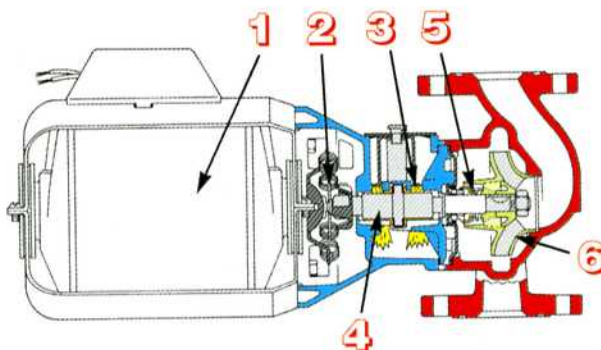
Dimensions & Weights

Model No.	Cast Iron		Bronze		Flange Size Inches (NPT)	Motor Characteristics* @ 60 Hz			Dimensions in Inches (mm) (Open Drip-Proof)			Approximate Shpg. Wt. lbs. (Kg)	
	Model No.	Part No.	Model No.	Part No.		HP	Ø	Voltage	A	B	C	Cast Iron	Bronze
Series 100	100NF	106189	100 AB	106192	3/4, 1	1/12	115	with built-in overload protection	14-7/8 (378)	6-3/8 (162)	12-3/4 (324)	20 (9)	21 (10)
	100BI	106190	100 BNFI	106197	1-1/4, 1-1/2				17-1/4 (445)	10 (254)	14-1/4 (362)	55 (25)	59 (27)
Series PR	PR	102206	PR AB	102208	3/4, 1	1/6	115	with built-in overload protection	15-1/4 (387)	8-1/2 (216)	12-3/4 (324)	30 (14)	32 (15)
	PR BI	102207			1-1/4, 1-1/2				17-1/4 (445)	10 (254)	14-1/4 (362)	55 (25)	59 (27)
Series HV	HV NFI	102210	HV AB	102231	1, 1-1/4, 1-1/2	1/6	115	with built-in overload protection	15-3/8 (391)	8-1/2 (216)	13 (330)	28 (13)	30 (14)
	HV BI	102230	HV BNFI	102213	1-1/2				17-1/4 (445)	10 (254)	14 (356)	54 (24)	58 (26)
2"	2 NFI	102214	2AB	102233	2	1/6	115	with built-in overload protection	16-5/8 (422)	8-1/2 (216)	14 (356)	36 (16)	39 (18)
	2 BI	102232	2 BNFI	102217	2-1/2				17-1/4 (445)	10 (254)	14 (356)	54 (24)	58 (26)
2-1/2"	2-1/2 NFI	102218	2-1/2 AB	102220	2-1/2	1/4	115	with built-in overload protection	17-1/4 (438)	10 (254)	14 (356)	54 (24)	58 (26)
	2-1/2 BI	102219	2-1/2 BNFI	102221	3				17-1/4 (438)	10 (254)	14 (356)	53 (24)	57 (26)
LD3	LD3 NFI	102222	LD3 AB	102224	3	1/4	115	with built-in overload protection	17-1/4 (438)	10 (254)	14 (356)	53 (24)	57 (26)
	LD3 BI	102223	LD3 BNFI	102225	3				17-1/4 (438)	10 (254)	14 (356)	53 (24)	57 (26)
HD3	HD3 NFI	102226	HD3 AB	102228	3	1/3	115	with built-in overload protection	17-1/2 (445)	10 (254)	14-1/4 (362)	55 (25)	59 (27)
	HD3 BI	102227	HD3 BNFI	102229	3				17-1/2 (445)	10 (254)	14-1/4 (362)	55 (25)	59 (27)
PD-355	PD355 NFI	105089	PD355 AB	105092	3	1/2	115	with built-in overload protection	20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
	PD355 BI	105090	PD355 BNFI	105093	3				20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
PD-35T	PD35T NFI	105093	PD35T AB	105096	3	1/2	208-230/460	with built-in overload protection	20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
	PD35T BI	105094	PD35T BNFI	105097	3				20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
PD-375	PD375 NFI	105097	PD375 AB	105100	3	3/4	115	with built-in overload protection	20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
	PD375 BI	105098	PD375 BNFI	105103	3				20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
PD-37T	PD37T NFI	105101	PD37T AB	105104	3	3/4	208-230/460	with built-in overload protection	20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
	PD37T BI	105102	PD37T BNFI	105105	3				20-1/4 (514)	12 (305)	16-7/8 (429)	75 (34)	80 (36)
PD-385	PD385 NFI	105121	PD385 AB	105123	3	1	115	with built-in overload protection	22-3/4 (578)	14-1/2 (368)	19 (483)	128 (58)	138 (63)
	PD385 BI	105122	PD385 BNFI	105125	3				22-3/4 (578)	14-1/2 (368)	19 (483)	128 (58)	138 (63)
PD-38T	PD38T NFI	105133	PD38T AB	105135	3	1	208-230/460	with built-in overload protection	24 (610)	14-1/2 (368)	20-1/4 (514)	125 (57)	135 (61)
	PD38T BI	105134	PD38T BNFI	105137	3				24 (610)	14-1/2 (368)	20-1/4 (514)	125 (57)	135 (61)
PD-405	PD405 NFI	105151	PD405 AB	105153	3	1-1/2	115	with built-in overload protection	24-3/4 (629)	14-1/2 (368)	21 (533)	130 (59)	140 (64)
	PD405 BI	105152	PD405 BNFI	105155	3				24-3/4 (629)	14-1/2 (368)	21 (533)	130 (59)	140 (64)
PD-40T	PD40T NFI	105137	PD40T AB	105139	3	1-1/2	208-230/460	with built-in overload protection	21-7/8 (556)	14-1/2 (368)	18-1/8 (460)	127 (58)	137 (62)
	PD40T BI	105138	PD40T BNFI	105141	3				21-7/8 (556)	14-1/2 (368)	18-1/8 (460)	127 (58)	137 (62)

PD-38 and PD-40 are ball bearing, maintenance-free design.
 *Special motors available upon request. Dimensions are approximate and subject to changes.
 Contact factory for certified dimension.

- 1 B&G Motor** — The heart of the Booster. The finest circulator motor available. Sleeve bearing, oil lubricated with replaceable resilient motor mounts. B&G motors are designed and manufactured specifically for the B&G boosters.
- 2 Noise dampening coupler.** B&G's own flexible spring design adds to quiet operation. Do not accept a substitute.
- 3 Long bronze sleeve bearings** maintain exact shaft alignment. Provides for constant circulation of oil over bearing surfaces.

- 4 Precision ground pump shaft** is oversized to provide large bearing surfaces. Hardened integral thrust collar minimizes end-thrust to ensure long seal and bearing life.
- 5 The B&G mechanical seal** is designed to withstand the wide range of water temperatures, pressures, additives and dissolved solids common in hydronic systems.



- 6 Centrifugal impeller** prevents accumulation of air at seal faces to assure long life. Close impeller/body tolerances minimize water slippage and maximize efficiency.

