

End Suction Back Pull-Out

Item No.	Name of Part	Standard Fitted
1	Casing	ASTM A48 CL30 (Cast Iron) - OR - ASTM A536 GR 65-45-12 (Ductile Iron) (in select sizes)
2	Impeller	ASTM B584-C87500 Silicon Brass < 0.25% Pb
6	Shaft (Pump)	ASTM A108-1045 (Steel)
14	Shaft Sleeve	C95400 (AL Bronze)
26	Impeller Screw	302 Stainless Steel (Small or Medium Frame) OR 316 Stainless Steel (Large Frame)
28	Impeller Screw Washer	302 Stainless Steel (Small or Medium Frame) OR 316 Stainless Steel (Large Frame)
32	Impeller Key	303 Stainless Steel
40	Deflector	Neoprene
65	Mechanical Seal	Carbon/Ceramic/Buna
71	Adapter	ASTM A48 CL 30 (Cast Iron)
73	Casing O-Ring	Buna

Type Single Stage, End Suction, Ball Bearing Centrifugal Pumps (Grease Lubricated)

Description	Bearing Frame No.		
	S	M	L
Shaft Diameters			
At Coupling	1.000	1.250	1.750
At Radial Bearing	1.378	1.575	1.969
Between Bearings	1.630	1.750	2.720
At Thrust Bearing	1.378	1.575	2.362
Under Sleeve	1.000	1.375	1.875
At Impeller	.875	1.250	1.750
Ball Bearings			
Radial	6207	6208	6010
Thrust	6307	6308	6212
Mechanical Seal (Carbon/Ceramic/Buna®)			
	1.250	1.750	2.250
	Type 21	Type 1	Type 1
Bearing Spacing	3.614	5.430	5.430
Shaft Overhang	6.125 aver.	9.000 aver.	7.250 aver.
Key Sizes			
At Coupling	¼ sq x 1¼	¼ sq x 1½	⅜ sq x 2½
At Impeller	⅜ sq x 1¼	¼ sq x 2¼	⅜ sq x 2
HP Rating			
3550 RPM	28	90	N/A
1760 RPM	17.5	85	175
1150 RPM	17.5	50	60

Max Working Pressure (MWP)

Temperature Range	-20° to 200°F	300°F
Pump Max Working Pressure (MWP)	175psi	165psi



WARNING:
CANCER AND REPRODUCTIVE HARM -
WWW.P65WARNINGS.CA.GOV

SECTION 575
PAGE 4
DATE 10/18

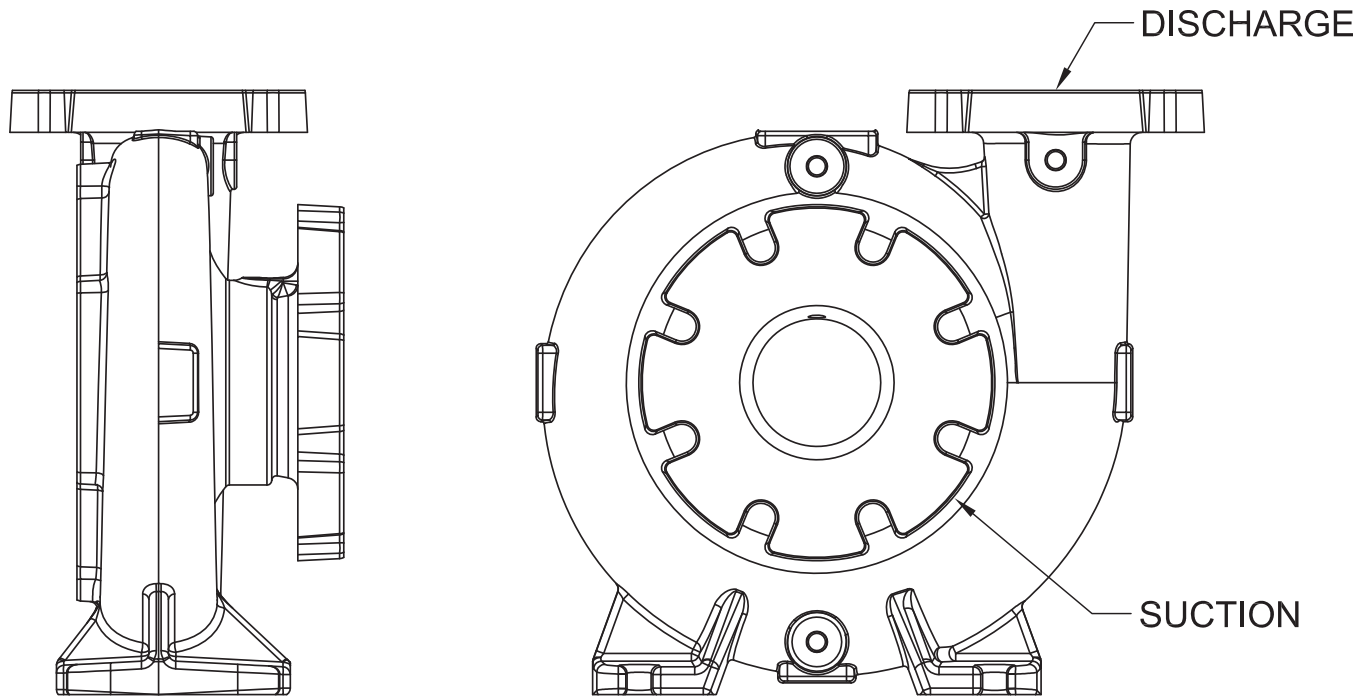
CRANE®

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SIZE	PRESSURE CLASS	OUTSIDE DIAMETER (IN.) *	FLANGE THICKNESS MIN. (IN.)	NO. OF SLOTS	SLOT WIDTH (IN.) *	DIAMETER OF BOLT CIRCLE (IN.)
1	125#	4.25	0.56	4	0.62	3.12
1¼	125#	4.62	0.68	4	0.62	3.50
1½	125#	5.00	0.72	4	0.62	3.88
2	125#	6.00	0.81	4	0.74	4.75
2½	125#	7.00	0.90	4	0.74	5.50
3	125#	7.50	0.98	4	0.74	5.00
4	125#	9.00	1.12	8	0.74	7.50
5	125#	10.00	1.22	8	0.88	8.50
6	125#	11.00	1.37	8	0.88	9.50
8	125#	13.50	1.43	8	0.88	11.75
10	125#	N/A	N/A	12	0.88	14.25

* The 10 inch suction on an 8R has drilled and tapped 7/8 holes.