

850 SERIES – Model 8X6-10



Model 8X6-10 – Close-Coupled Configuration

PERFORMANCE

850CC/8X6-10/4P

Max. Flow Rate: 1,244 gpm

Max. Head: 82 ft.

Max. Working Temperature: 120° F

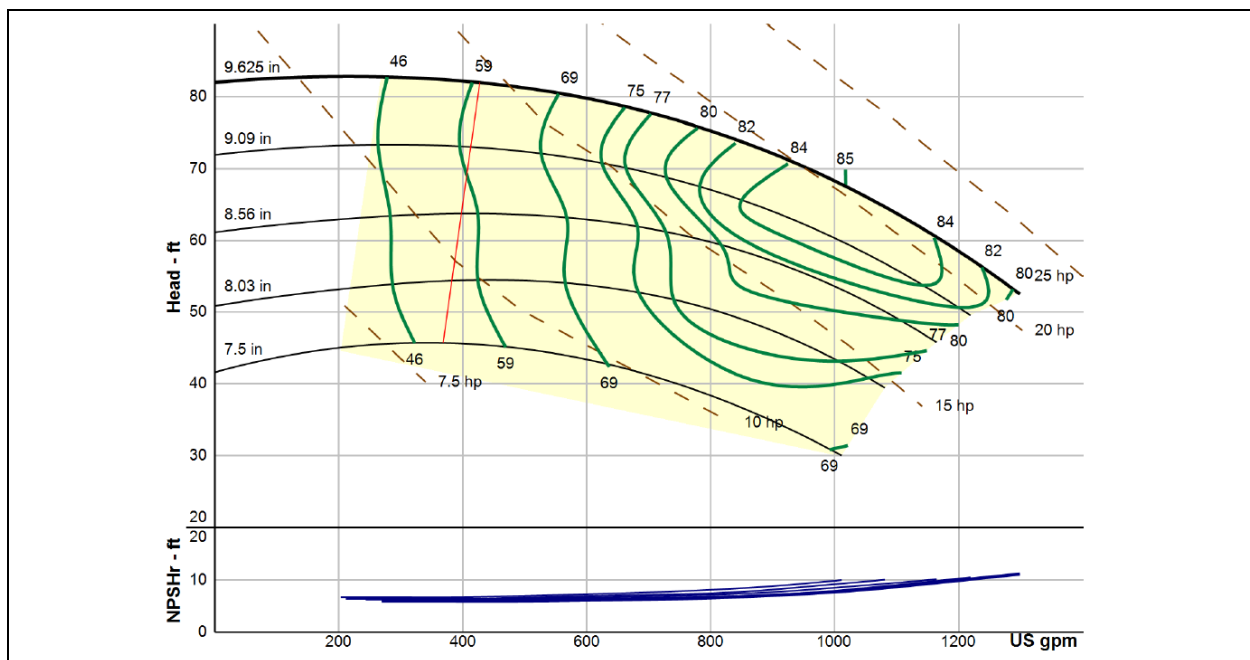
Max. Working Pressure: 100 psi

Max. Rated Speed: 1800 RPM

Max. Particle Size: 1.02" Diameter

Hydrotest Pressure: 150 psi

PERFORMANCE CURVE – 850CC/8X6-10/4P, 1760 RPM



850 Series Model: 850CC/8X6-10/4P

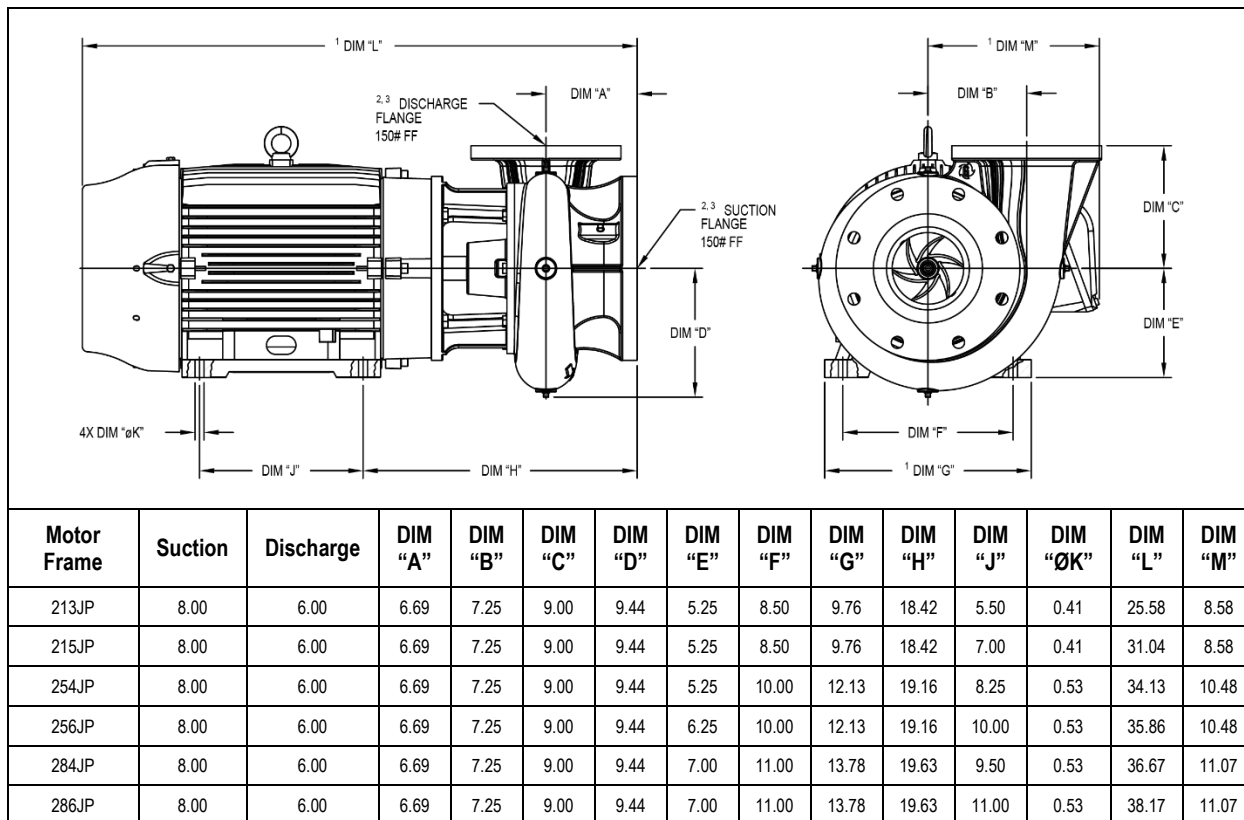
PEI_{CL} 0.95

Impeller Diameter: 9.625 in.

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DIMENSIONS (INCHES)



¹Dimension may vary with motor model and manufacturer

²150# Flange is dimensionally identical to a 125# Flange

³Bolt holes straddle pump centerlines

LG1840 REV. A

850 Series Model: 850CC/8X6-10/4P

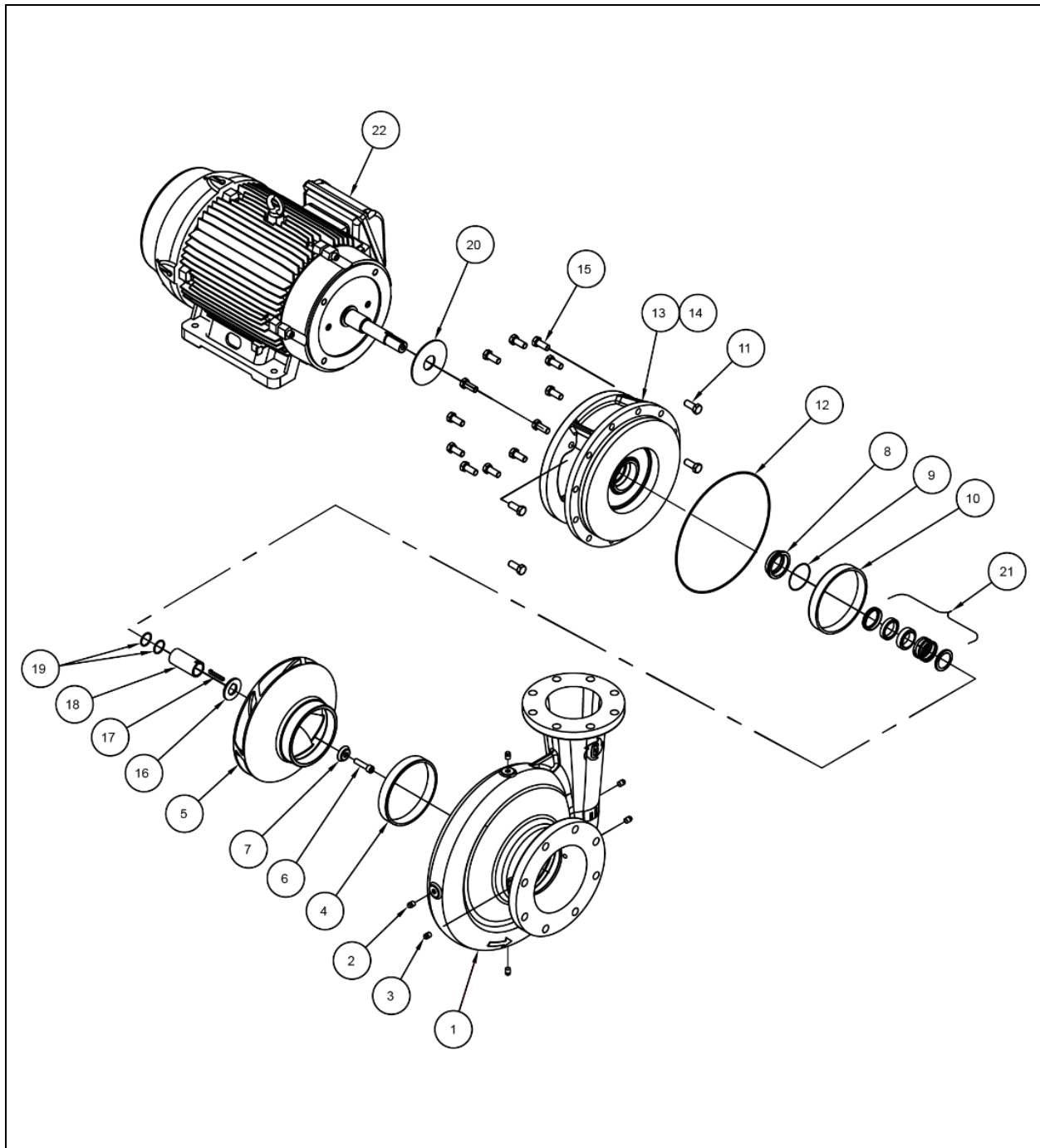
PEI_{CL} 0.95

Impeller Diameter: 9.625 in.

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EXPLODED VIEW



LG1818 REV. A

850 Series Model: 850CC/8X6-10/4P

PEI_{CL} 0.95

Impeller Diameter: 9.625 in.

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PARTS LISTING

Compatible Motor Frame Family			213JP, 215JP 254JP, 256JP (JP2)	364JP, 365JP 324JP, 326JP (JP3)	Material of Construction
Item	Description	Qty.	P/N	P/N	
Case Kit					
1	Case Kit ^{1,3}	1	3079407K		Cast Iron, ASTM A48 Class 30
2	Case Plugs 1/4" MNPT	6	31005911		Steel
3	Case Plugs 1/2" MNPT				
4	Case Wear Ring	1	8060100		Bismuth Tin Bronze (Lead Free)
Impeller Kit					
5	Impeller, Only ⁴	1	5600400		Aluminum Bronze, ASTM B148
	Impeller, Kit ^{4,5}	1	5600400K		Aluminum Bronze, ASTM B148
Back Pull Out Kit					
6	Impeller Bolt SHCS, 1/2-13 x 2.00 Lg	1	ALLEN50013X200U		Steel
7	Impeller Washer	1	14412308		300 Series Stainless Steel
8	Seal Adapter Kit ⁷				
9	Seal Adapter O-Ring				
10	Bracket Wear Ring				
11	Bracket/Motor Bolts HHCS, 1/2-13 x 1.25 Lg	4	14133003		Steel – Grade 5
	Bracket/Motor Bolts HHCS, 5/8-11 x 1.50 Lg	4		14135008	Steel – Grade 5
12	Case/Bracket O-Ring -273 Buna	1	47027404		Buna-N
13	Bracket ^{2,3}	1	2374800K	2384800K	Cast Iron, ASTM A48 Class 30
14	Bracket Plug 1/2" MNPT	1	31006117		Steel
15	Case/Bracket Bolts HHCS, 1/2-13 x 1.00 Lg	8	14178701		Steel – Grade 5
16	Impeller Spacer	1	14034607		300 Series Stainless Steel
17	Impeller Key	1	22056006		Steel
18	Sleeve, Kit ⁶	1	8243600K		Bismuth Tin Bronze (Lead Free)
19	Sleeve O-Ring -126 Buna	2	47012604		Buna-N
20	Deflector	1	22020507		Neoprene
21	Mechanical Seal	1	See mechanical seal list for P/N		
22	Motor	1	Contact factory for P/N		

LG1829 REV. B

¹Case Kit includes item 2, 3, 4, 12, and 15

²Bracket Kit includes item 11, 14 and 20

³Part is available with epoxy coating of interior or interior + exterior. Specified part number is for uncoated part, contact factory for part numbers.

⁴Part is available with epoxy coating. Append 'PC' to the indicated part number when referring to the coated part

⁵Impeller Kit includes item 6, 7, 10, 16 and 17

⁶Sleeve Kit includes item 19

⁷Seal Adapter Kit includes item 9

850 Series Model: 850CC/8X6-10/4P	PEI_{CL} 0.95	Impeller Diameter: 9.625 in.
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