



Submittal Data Information

1900 Series Pumps

301-251

EFFECTIVE: September 21, 2016

SUPERSEDES: October 15, 2015

3500 RPM MODEL 1915

JOB _____ ENGINEER _____

CONTRACTOR _____ REP. _____

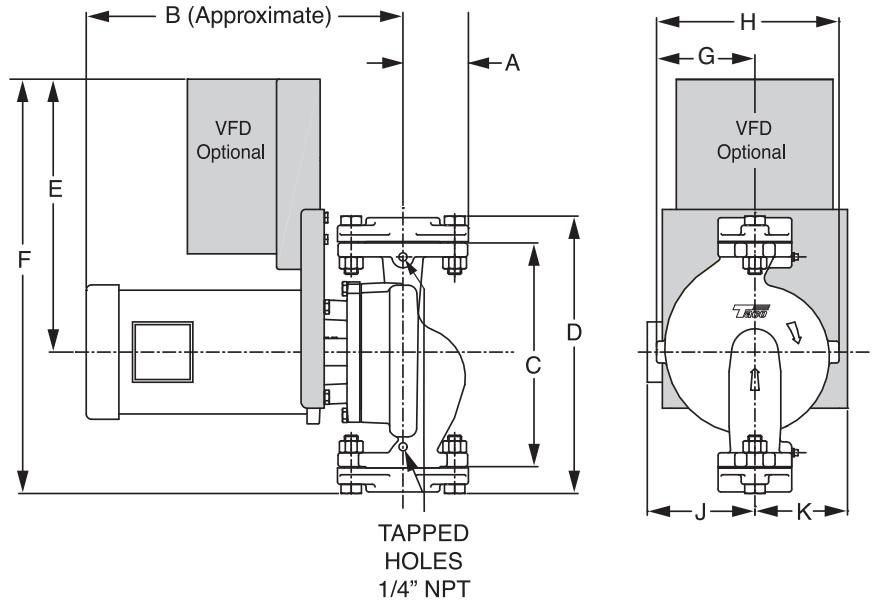
ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT	H.P.	ELEC. CHAR.
NSF 61 Certified <input type="checkbox"/> Yes <input type="checkbox"/> No	VFD MODEL NO.		OPTION CARD		WEIGHT	

For VFD drive specifications, weights, and options, see the following Taco VFD Submittal Data sheets:

- ATV12 – Taco Submittal No. 301-1891
- ATV212 – Taco Submittal No. 301-1890
- ATV312 – Taco Submittal No. 301-1897

Pump Turn Down Ratio = 4:1

Recommended Minimum Drive Frequency = 15 Hz



SIZES & DIMENSIONS:

Model No.	Speed	Flange Size	HP (KW)	Dimensions										Pump Weight Lbs (Kg)	VFD Bracket Weight Lbs (Kg)
				A	B	C	D	E	F	G	H	J	K		
1915	3500 RPM	1½ (38)	2 (1.50)	3.13 (79)	16.00 (406)	13.50 (343)	16.13 (410)	14.80 (376)	22.86 (581)	5.15 (131)	9.75 (213)	5.00 (127)	4.25 (108)	103 (47)	10 (5)
			3 (2.25)					19.20 (488)	28.00 (711)			7.00 (178)		112 (51)	
			5 (3.75)											139 (63)	
			7.5 (5.63)					149 (68)	12 (5)						

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in (). Do not use for construction purposes unless certified.

SPECIFICATIONS:

MOTORS

3500 RPM, Three Phase 208/230/460V, 60 Hz, Nema 56 C Frame Motors. Also available in Single Phase 115/208/230V. Motors are sealed ball bearing design, and require no maintenance.

BODY

Cast iron with in-line flanged connections. Also available in optional all Stainless Steel (304). Companion flanges included with the pump. NSF61 All-SS models are also available.

IMPELLER

One Piece Cast Stainless Steel (304), Closed, Dynamically Balanced Impeller.

DRIVE

Close Coupled Direct Driven Pump.

SHAFT

Alloy Steel with Cupro Nickel Shaft Sleeve.

MECHANICAL SEAL

J. Crane Type 21 with carbon rotating element and ceramic stationary seat, with a maximum operating temperature of 250° F (121° C) furnished as standard. Optional "Sealide C" with silicon carbide rotating element and silicon carbide stationary seat is also available for systems with aggressive/glycol fluids, with a maximum operating temperature of 300° F (149° C).

WORKING PRESSURE

175 PSI (1207 kPa) in accordance with ASA B16.1.

NOTE: Pump flanges are tapped for gauges.

