

EFFECTIVE: June 1, 2015

SUPERSEDES: November 1, 2014

1760 RPM MODEL 1941

JOB \_\_\_\_\_ ENGINEER \_\_\_\_\_

CONTRACTOR \_\_\_\_\_ REP. \_\_\_\_\_

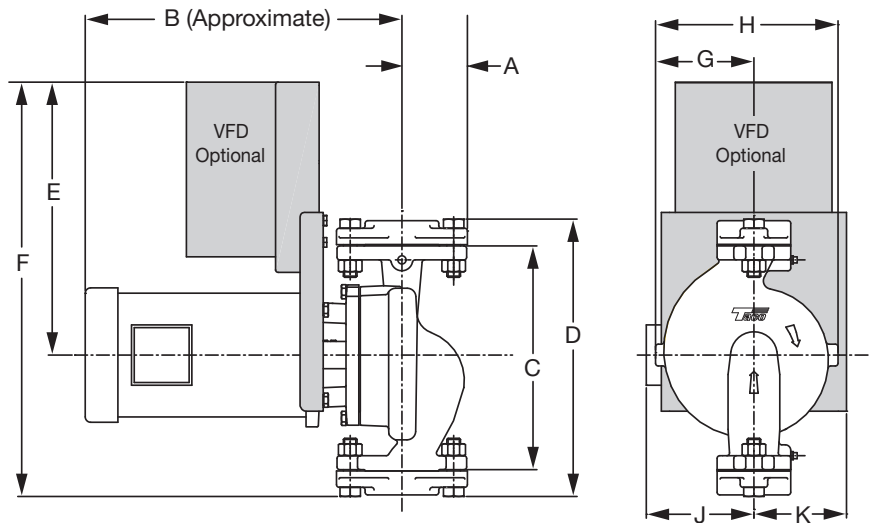
ITEM NO.	MODEL NO.	IMPELLER DIA.	G.P.M.	HEAD/FT	H.P.	ELEC. CHAR.
	VFD MODEL NO.		OPTION CARD		WEIGHT	

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		
1941	1760 RPM	2 (51)	1½ (1.12)	3.63 (92)	15.75 (400)	16.50 (419)	19.5 (495)	14.80 (376)	24.55 (624)	6.97 (177)	13.83 (351)	5.00 (127)	4.25 (108)	125 (57)	10 (5)
			2 (1.50)		17.50 (445)									145 (66)	
			3 (2.25)		24.00 (610)									156 (71)	

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

1760 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 Bronze, 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.

