

TC Series Pump | Submittal Data

Submittal No: 301-1866 | Model: 161217 | RPM: 1450 - 50 Hz NEMA | Effective: 08/01/24 | Supersedes: 06/30/19

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 161217

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

OPERATING SPECIFICATIONS

	FLANGE	PRESSURE	TEMPERATURE
STANDARD	ANSI Class 125	175 PSIG* (1210 KPA)	250°F (120°C)
OPTIONAL	ANSI Class 250	300 PSIG** (2070 KPA)	250°F (120°C)

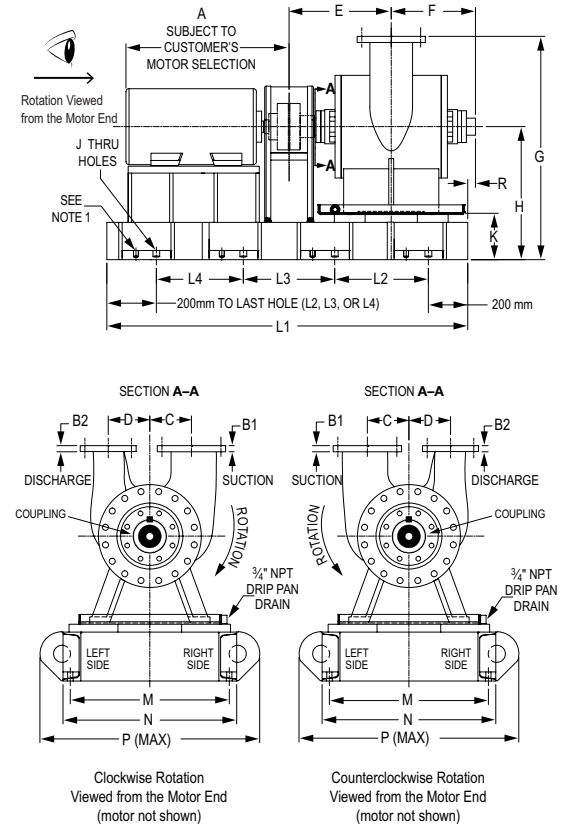
* In accordance with ANSI Standard B16.1 Class 125

** In accordance with ANSI Standard B16.1 Class 250 Dim.

DIMENSIONS

Model No. | 161217 - Flange Size (Suction x Discharge) | 16 x 12 (406 x 305)

MOTOR & FRAME DIMENSIONS													
HP	200	250	300		350				400		450		
MOTOR FRAME ODP	380/ 415 VOLT *	445T	445T	445T			447T			449T		449T	
	3300 VOLT	N/A					E5008			E5008		E5008	
MOTOR FRAME TEFC	380/ 415 VOLT *	445T	445T		447T			449T		G5008	449T		
	3300 VOLT	N/A			G5008			G5008		G5008			G5010
MAX. ASSEMBLY WEIGHT LBS (KG)		6427 (2918)		7347 (3336)	9687 (4398)	7347 (3336)	8187 (3717)	7347 (3336)	9687 (4398)	7347 (3336)	8187 (3717)	10537 (4784)	
A** (MAX. VALUE)		44.88 (1140)		48.66 (1236)	60.39 (1534)	48.66 (1236)	60.39 (1534)	53.66 (1363)	60.39 (1534)	53.66 (1363)	60.39 (1534)	67.40 (1712)	
J	8 X 1.1 (8 X 28)												
K	9.33 (237)												
L1		92.52 (2350)		101.18 (2570)	108.66 (2760)	101.18 (2570)	100.00 (2540)	106.30 (2700)	108.66 (2760)	106.30 (2700)	100.00 (2540)	108.66 (2760)	115.75 (2940)
L2													
L3		25.59 (650)		28.48 (723.3)	30.97 (786.7)	28.48 (723.3)	28.08 (713.3)	30.19 (766.7)	30.97 (786.7)	30.19 (766.7)	28.08 (713.3)	30.97 (786.7)	33.33 (846.7)
L4													
M	35.43 (900)												
N	37.64 (956)												
P	45.28 (1150)												



For all customer supplied motors above 449 NEMA frame, a certified motor drawing must be supplied by the customer at time of order entry.

Submittal dimensions for motor frames above 449 NEMA are specific to Baldor Electric Motors only.

English dimensions are in inches. Metric dimensions are in millimeters. Metric data is presented in ().

Dimensions are subject to change without notice. Do not use for construction purposes unless certified.

* Standard voltage is 380/415V, 50 Hz, 3 Phase.

NOTE 1: Smaller holes are for alignment. Dimensions not supplied.

** Motor dimensions are approximate and vary by manufacturer and motor type.

PUMP DIMENSIONS									
B1 Suction				B2 Discharge				C	D
ANSI CLASS 125	ANSI CLASS 250	ANSI CLASS 125	ANSI CLASS 250	ANSI CLASS 125	ANSI CLASS 250	ANSI CLASS 125	ANSI CLASS 250	E	F
1.46 (37)	2.24 (57)	1.26 (32)	2.01 (51)	13.78 (350)	13.78 (350)	29.80 (757)	22.87 (581)	57.36 (1457)	35.71 (907)
									2.20 (56)



MATERIALS OF CONSTRUCTION	CASING	IMPELLER	WEAR RING	SHAFT	SHAFT SLEEVE	MECHANICAL SEAL	SEAL FLUSH LINE
STANDARD	Cast Iron ASTM A48 Class 30A	Stainless Steel AISI 304	Stainless Steel AISI 420	Carbon Steel AISI 1045	Stainless Steel AISI 420	Carbon/Silicon Carbide Viton	N/A
OPTIONAL	N/A	N/A	N/A	Stainless Steel AISI 420	N/A	N/A	Copper

N/A - Not Available



Model 161217

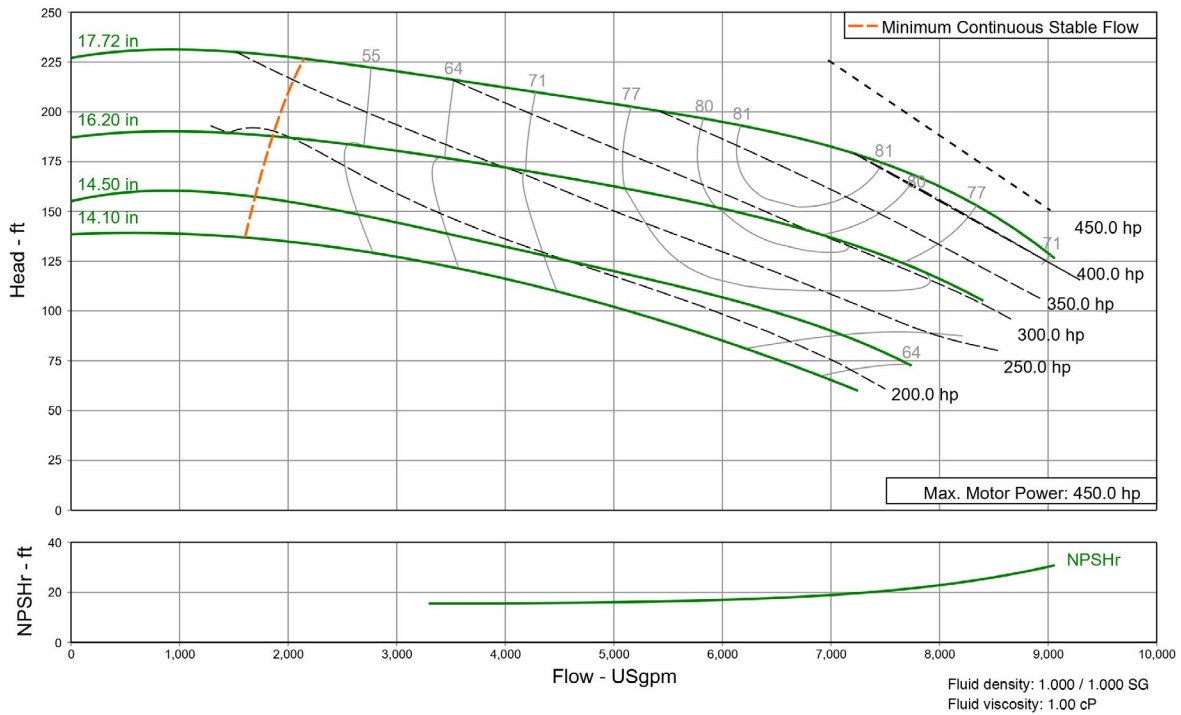
1450 RPM

Curve no. 2562

TC/TS Series

August 1, 2024

Min. Imp. Dia. 14.1"
Size 16 X 12 X 17



COMMENTS