

FI Series Pump | Submittal Data

Submittal No: 301-1485 I | Model: 1511 | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: May 31, 2017

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 1511

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 1511

Flange Size (Suction x Discharge) | 2 ½ x 1 ½ (64 x 38)

HORSEPOWER		2	3	5	7.5
ODP	MOTOR FRAME	145T	182T	184T	213T
	G MAX	13.13 (333)	15.13 (384)	16.63 (422)	19.08 (484)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	450 (204)	517 (235)		616 (279)
TEFC	MOTOR FRAME	145T	182T	184T	213T
	G MAX	15.67 (398)	18.19 (462)		20.65 (524)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	450 (204)	517 (235)		616 (279)
A		ANSI Class 125: 4.56 (116)			
		ANSI Class 250: 4.88 (124)			
B		ANSI Class 125: 9.50 (241)			
		ANSI Class 250: 9.75 (248)			
C		19.17 (487)			
D		43.0 (1092)			
E		ANSI Class 125: 1.30 (33)			
		ANSI Class 250: 1.05 (27)			
F		12.18 (309)			
J		ANSI Class 125: 23.03 (585)			
		ANSI Class 250: 23.34 (593)			
K		17.67 (449)			
N		2.00 (51)			
P		39.0 (991)			

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

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	FI1511B-4P-BP	PEI _d	0.95†	5†
Pump + Motor	FI1511B-4P-PM	PEI _d	0.95†	5†

†PEI/ER values based on 60Hz test.

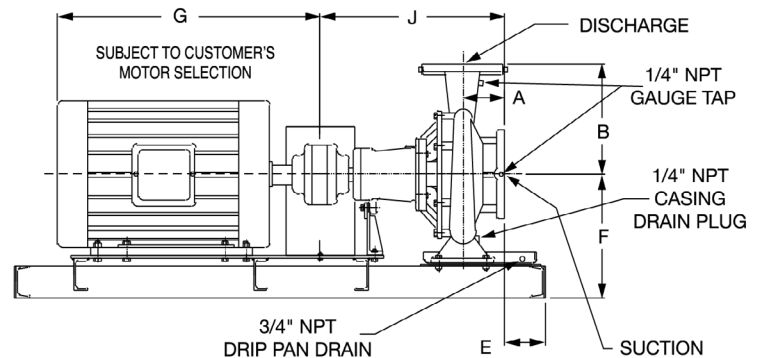
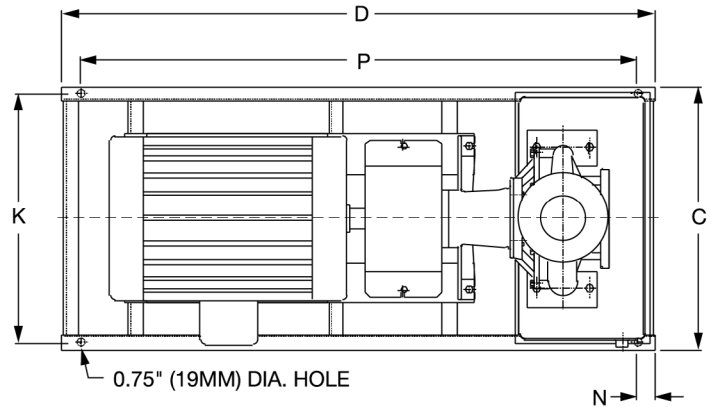
OPERATING SPECIFICATIONS

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

Motors: All NEMA Standard (T Frame)

* In accordance with ANSI Standard B16.1 Class 125

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

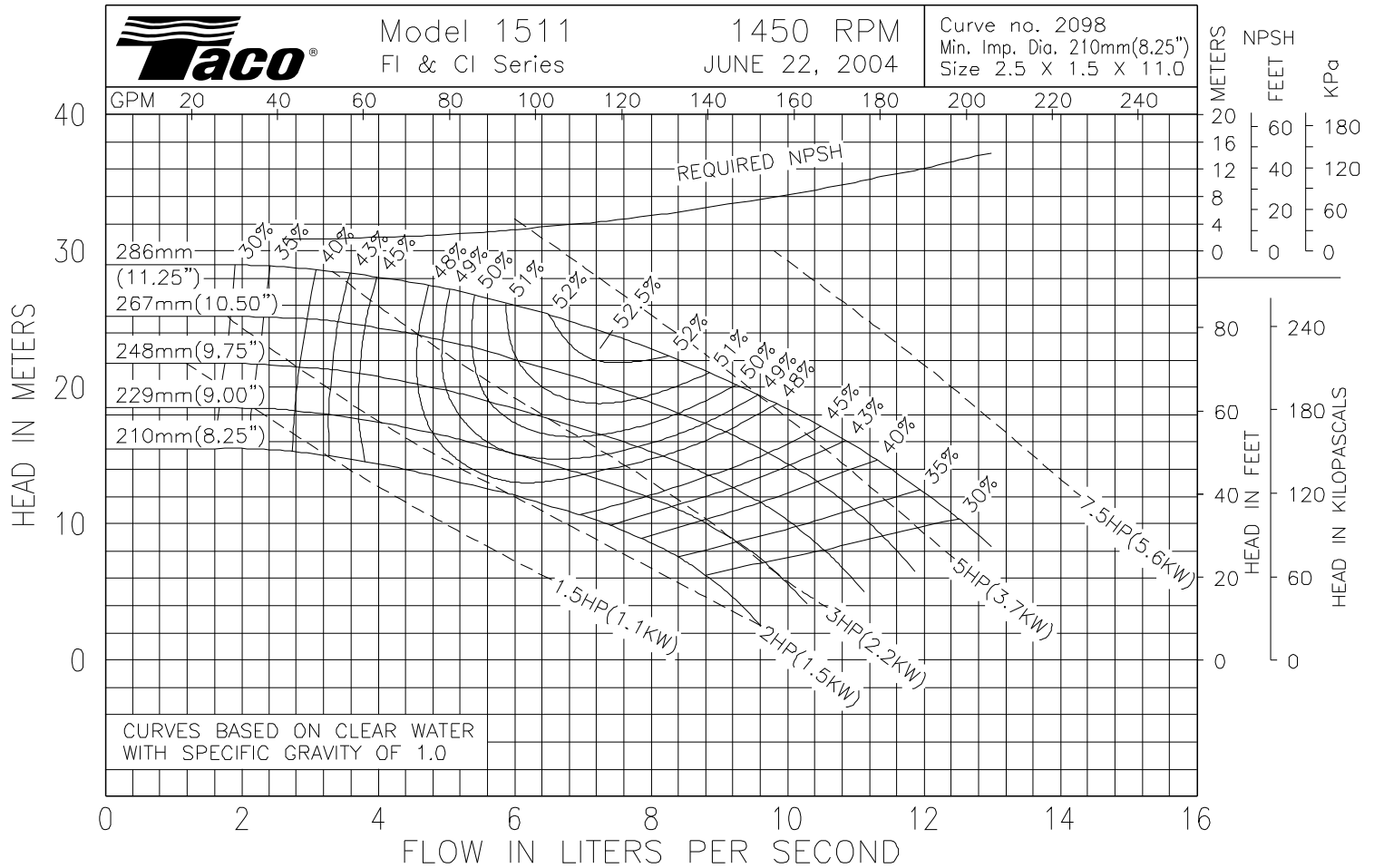


MATERIALS OF CONSTRUCTION

	BRONZE FITTED		
	STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#
	125# Flange	250# Flange	
Casing	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Cover	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Impeller	Bronze ASTM B584 ALLOY C83600 or C84400	Bronze ASTM B584 ALLOY C83600 or C84400	N/A
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	Stainless Steel TYPE 416"™" or 410"™" ASTM A582	N/A
Shaft Sleeve	Bronze ASTM B584-98A C92200	Bronze ASTM B584-98A C92200	Stainless Steel TYPE 303 ASTM A276
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon- Carbide/EPT
Seal Flush Line Assembly	N/A	N/A	Copper & Brass C3600

N/A - Not Available

Revised: 05/31/2017



COMMENTS