FI Series Pump | Submittal Data

Submittal No: 301-1409D | **Model:** 1507D | **RPM:** 1160 - 60 Hz | **Effective:** January 27, 2020 | **Supersedes:** July 12, 2018

JOB: _____ **REPRESENTATIVE:** _____

ENGINEER: _____ **CONTRACTOR:** _____

PRODUCT DATA

ITEM NO. _____ **MODEL NO.** 1507D

IMPELLER DIAMETER _____ **HORSEPOWER** _____

GPM _____ **VOLTAGE** _____

HEAD/FT _____ **RPM** 1160

WEIGHT _____ **PUMP/MOTOR** _____

NSF 61 CERTIFIED ☐ YES ☐ NO

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	N/A	PEI_{cl}	N/A	N/A
Pump + Motor	N/A	PEI_{cl}	N/A	N/A

N/A=NOT WITHIN DOE SCOPE

OPERATING SPECIFICATIONS

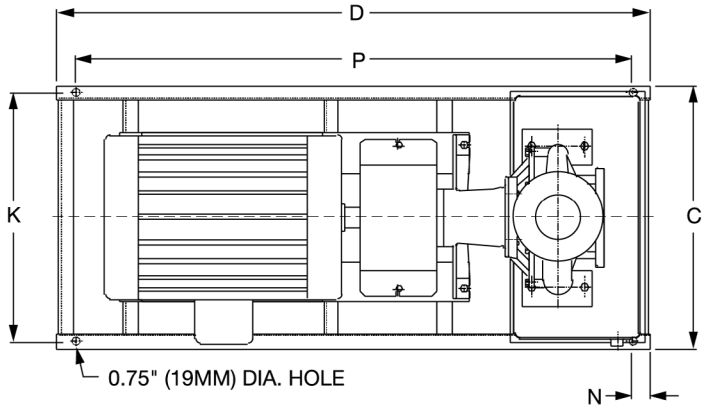
FLANGE	PRESSURE	TEMPERATURE
ANSI Class 125	175 PSIG* (1210 KPA)	250°F (120°C)
ANSI Class 250	300 PSIG** (2070 KPA)	250°F (120°C)

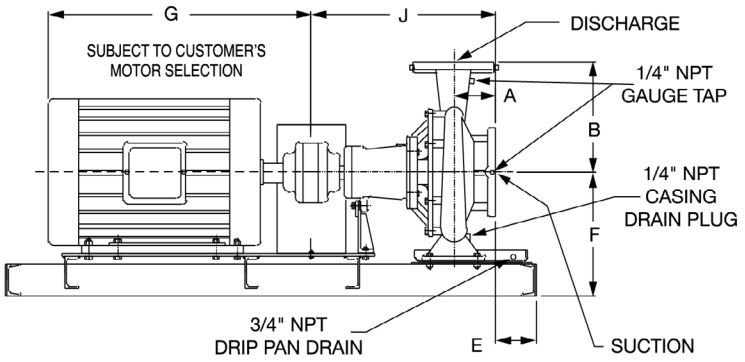
Motors: All NEMA Standard (T Frame)
* In accordance with ANSI Standard B16.1 Class 125
** In accordance with ANSI Standard B16.1 Class 250

DIMENSIONS

Model No. | 1507D
Flange Size (Suction x Discharge) | 2 ½ x 1 ½ (64 x 38)

HORSEPOWER		1
ODP	**MOTOR FRAME**	145T
ODP	**G MAX**	13.13 (333)
ODP	**MAXIMUM ASSEMBLY WEIGHT LBS. (KG)**	230 (105)
TEFC	**MOTOR FRAME**	145T
TEFC	**G MAX**	15.67 (398)
TEFC	**MAXIMUM ASSEMBLY WEIGHT LBS. (KG)**	230 (105)
A		ANSI Class 125: 3.75 (95)
		ANSI Class 250: 4.06 (103)
B		ANSI Class 125: 6.75 (171)
		ANSI Class 250: 7.00 (178)
C		14.17 (360)
D		32.0 (813)
E		ANSI Class 125: 0.83 (21)
		ANSI Class 250: 0.58 (15)
F		10.49 (266)
J		ANSI Class 125: 17.16 (436)
		ANSI Class 250: 17.47 (444)
K		12.67 (322)
N		2.00 (51)
P		28.0 (711)





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

MATERIALS OF CONSTRUCTION			CASING	COVER	IMPELLER	WEAR RING	SHAFT	SHAFT SLEEVE	MECHANICAL SEAL	SEAL FLUSH LINE ASSEMBLY
STANDARD CONSTRUCTION	BRONZE FITTED	125# FLANGE	Cast Iron ASTM A48/A48M-03 Class 30A	Cast Iron ASTM A48/A48M-03 Class 30A	Bronze ASTM B584 ALLOY C83600 or C84400	N/A	Stainless Steel TYPE 416"T ASTM A582	Bronze ASTM B584-98A C92200	Ceramic/EPT	N/A
		250# FLANGE	Ductile Iron ASTM A536-84 Grade 65-45-12	Cast Iron ASTM A48/A48M-03 Class 30A	Bronze ASTM B584 ALLOY C83600 or C84400	N/A	Stainless Steel TYPE 416"T ASTM A582	Bronze ASTM B584-98A C92200	Ceramic/EPT	N/A
OPTIONAL		125# OR 250#	N/A	N/A	Stainless Steel ASTM A351/A 351M-08	Bronze ASTM B584-98A C92200	N/A	Stainless Steel TYPE 303 ASTM A276	Tyngsten Carbide /EPT or Silicon-Carbide/EPT	Copper & Brass C3600
STANDARD CONSTRUCTION	NSF 61	125# FLANGE	Cast Iron ASTM A48/A48M-03 Class 30A	Cast Iron ASTM A48/A48M-03 Class 30A	Stainless Steel ASTM A351/A 351M-08	N/A	Stainless Steel TYPE 416"T" ASTM A582	Bronze ASTM B584-98A C92200	Ceramic/EPT	Copper & Brass C3600
		250# FLANGE	Ductile Iron ASTM A536-84 Grade: 65-45-12	Cast Iron ASTM A48/A48M-03 Class 30A	Stainless Steel ASTM A351/A 351M-08	N/A	Stainless Steel TYPE 416"T" ASTM A582	Bronze ASTM B584-98A C92200	Ceramic/EPT	Copper & Brass C3600
OPTIONAL		125# OR 250#	N/A	N/A	N/A	Bronze ASTM B584-98A C92200	N/A	N/A	N/A	N/A

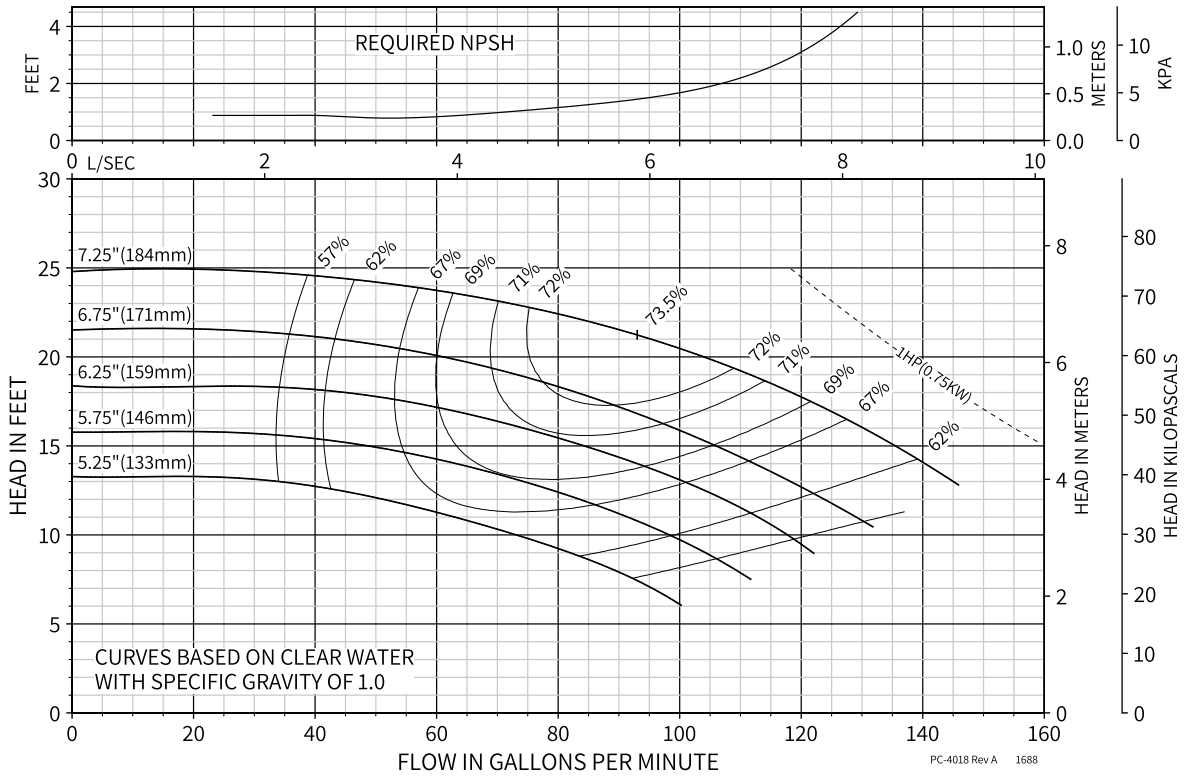
N/A - Not Available

FI Series | Model: 1507D | 1160 RPM

Curve No. 4018 | Min. Imp. Dia. 5.25" | Size 2.5x1.5x7.25 | February 04, 2020

Energy Efficiency Rating: DOE Basic Model Number: N/A @1160RPM

Pump & Motor: PEI_{CL}: N/A @1160RPM



COMMENTS

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