

CI Series Pump | Submittal Data

Submittal No: 301-1311D | Model: 1507D | RPM: 3500 - 60 Hz | Effective: January 27, 2020 | Supersedes: October 9, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 1507D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 3500

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 1507D

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

HORSEPOWER		7.5	10	15
ODP	MOTOR FRAME	184JM	213JM	215JM
	G MAX	15.26 (388)	15.47 (393)	16.60 (422)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	175 (79)	256 (116)	256 (116)
TEFC	MOTOR FRAME	213JM	215JM	N/A
	G MAX	16.64 (423)	18.11 (460)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	256 (116)	256 (116)	
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 (MOTOR)		7.5 (191)	8.5 (216)	
D		6.5 (165)	8.0 (203)	
E		4.5 (114)	5.25 (133)	
F		6.3 (160)		
H (PUMP)		8.34 (212)		
J		2.76 (70)		
K		ANSI Class 125: 2.37 (60)		
		ANSI Class 250: 2.68 (68)		
L		5.83 (148)	6.45 (164)	
N (PUMP)		0.56 (14)		
P		0.41 (10)		
R		5.5 (140)	7.0 (178)	
S		ANSI Class 125: 8.08 (205)		
		ANSI Class 250: 8.39 (213)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI1507D-2P-BP	PEI _d	0.87	13
Pump + Motor	CI1507D-2P-PM	PEI _d	0.87	13

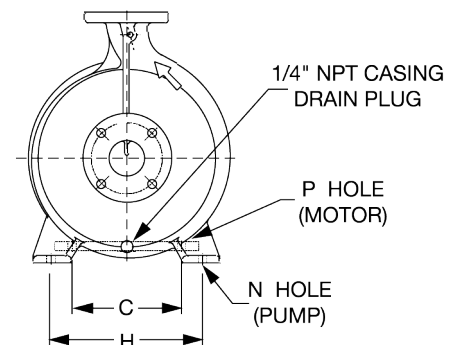
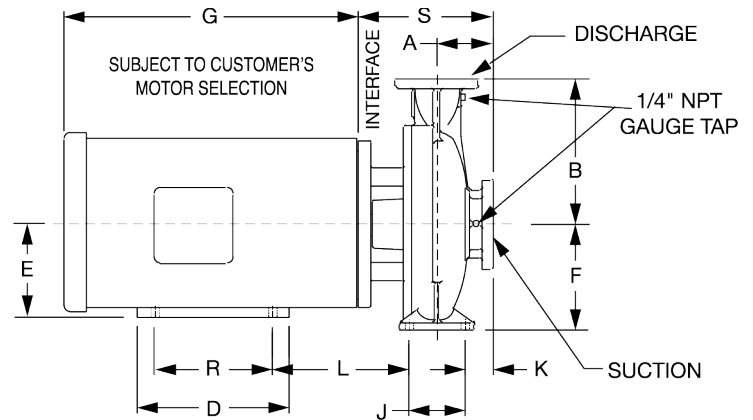
OPERATING SPECIFICATIONS

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 (JM Frame)

* In accordance with ANSI Standard B16.1 Class 125

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



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	Carbon Steel	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	Carbon Steel	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	Carbon Steel	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	Carbon Steel	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

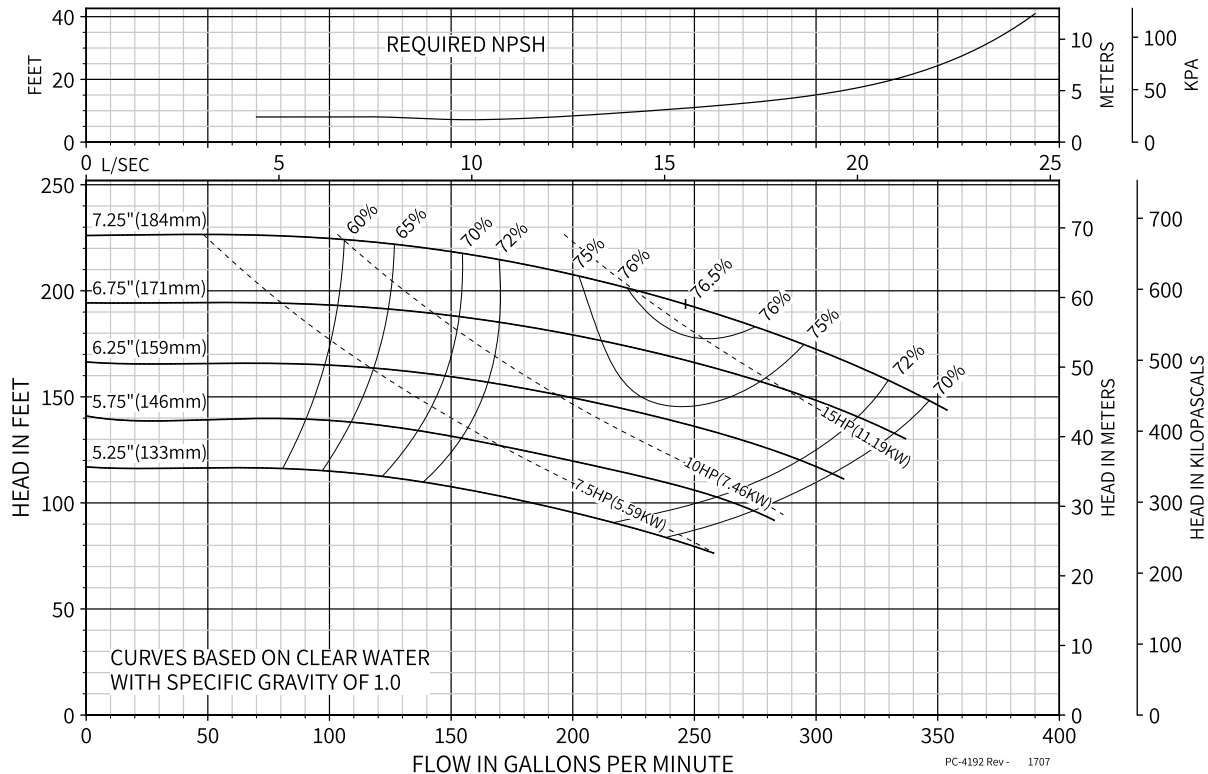
N/A - Not Available



CI Series | Model: 1507D | 3500 RPM

Curve No. 4192 | Min. Imp. Dia. 5.25" | Size 2.5x1.5x7.25 | February 04, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI1507D-2P-PM
Pump & Motor: PEI_{CL}: 0.87 | ER_{CL}: 13



COMMENTS