

CI Series Pump | Submittal Data

Submittal No: 301-1370D | Model: 1507D | RPM: 1450 - 50 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 1450

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		1	1.5
ODP	MOTOR FRAME	143JM	145JM
	G MAX	11.15 (283)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	123 (56)	
TEFC	MOTOR FRAME	143JM	145JM
	G MAX	11.15 (283)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	123 (56)	
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)		5.50 (140)	
D		5.94 (151)	
E		3.50 (89)	
F		6.30 (160)	
H (PUMP)		8.34 (212)	
J		2.76 (70)	
K		ANSI Class 125: 2.37 (60)	
		ANSI Class 250: 2.68 (68)	
L		5.84 (148)	
N (PUMP)		0.56 (14)	
P		0.34 (9)	
R		4.0 (101)	5.0 (127)
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-4P-BP	PEI _d	0.83 [†]	17 [†]
Pump + Motor	CI1507D-4P-PM	PEI _d	0.83 [†]	17 [†]

[†]PEI/ER values based on 60Hz test.

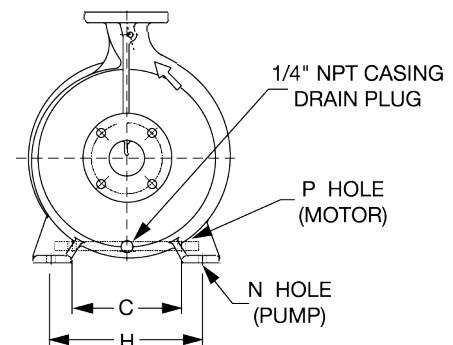
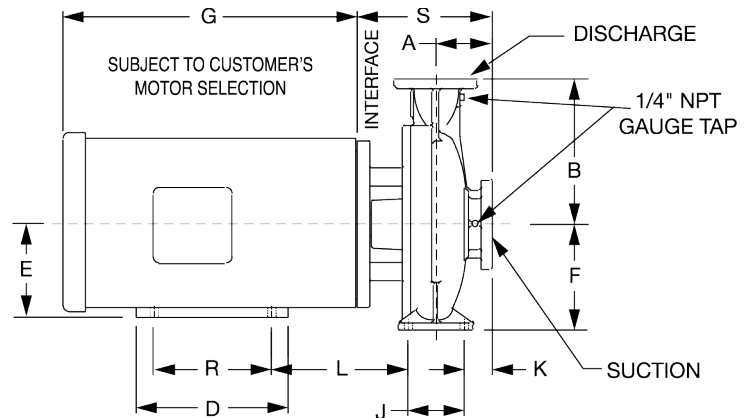
OPERATING SPECIFICATIONS

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 (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

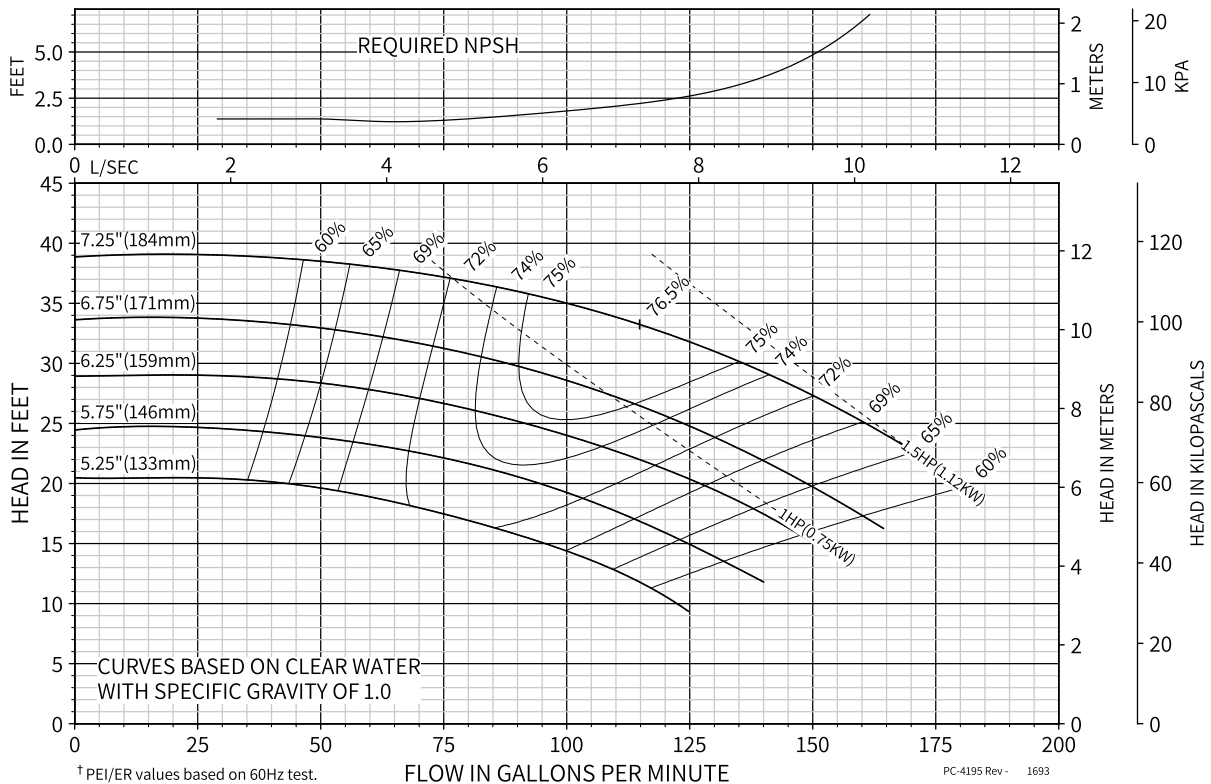
N/A - Not Available



CI Series | Model: 1507D | 1450 RPM

Curve No. 4195 | Min. Imp. Dia. 5.25" | Size 2.5x1.5x7.25 | February 04, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI1507D-4P-PM
Pump & Motor: PEI_{CL}: 0.83[†] | ER_{CL}: 17[†]



COMMENTS