

CI Series Pump | Submittal Data

Submittal No: 301-1365D | Model: 1506D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 1506D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 1506D

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

HORSEPOWER		1
ODP	MOTOR FRAME	143JM
	G MAX	11.15 (283)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	121 (55)
TEFC	MOTOR FRAME	143JM
	G MAX	11.15 (283)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	121 (55)
A	ANSI Class 125:	4.00 (102)
	ANSI Class 250:	4.33 (110)
B	ANSI Class 125:	7.25 (184)
	ANSI Class 250:	7.50 (191)
C (MOTOR)		5.5 (140)
D		5.94 (151)
E		3.5 (89)
F		5.20 (130)
H (PUMP)		7.48 (190)
J		2.76 (70)
K	ANSI Class 125:	2.62 (67)
	ANSI Class 250:	2.95 (75)
L		5.70 (145)
N (PUMP)		0.56 (14)
P		0.34 (9)
R		4.0 (101)
S	ANSI Class 125:	8.20 (209)
	ANSI Class 250:	8.53 (216)

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI1506D-4P-BP	PEI _d	0.88†	12†
Pump + Motor	CI1506D-4P-PM	PEI _d	0.88†	12†

†PEI/ER values based on 60Hz test.

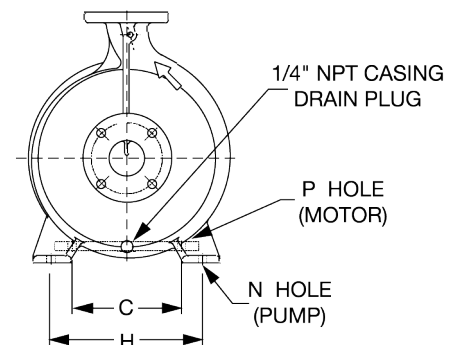
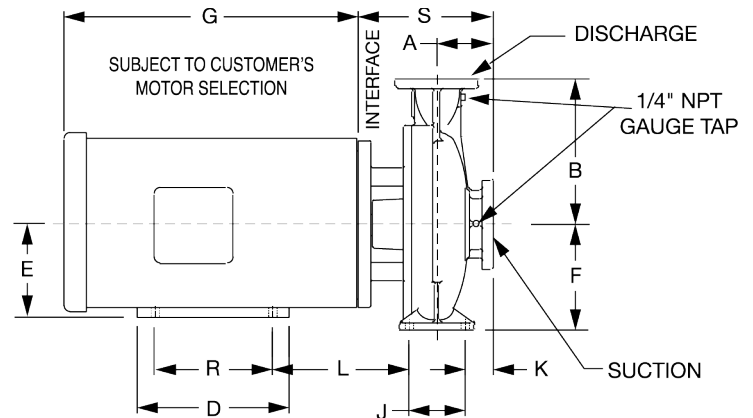
OPERATING SPECIFICATIONS

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

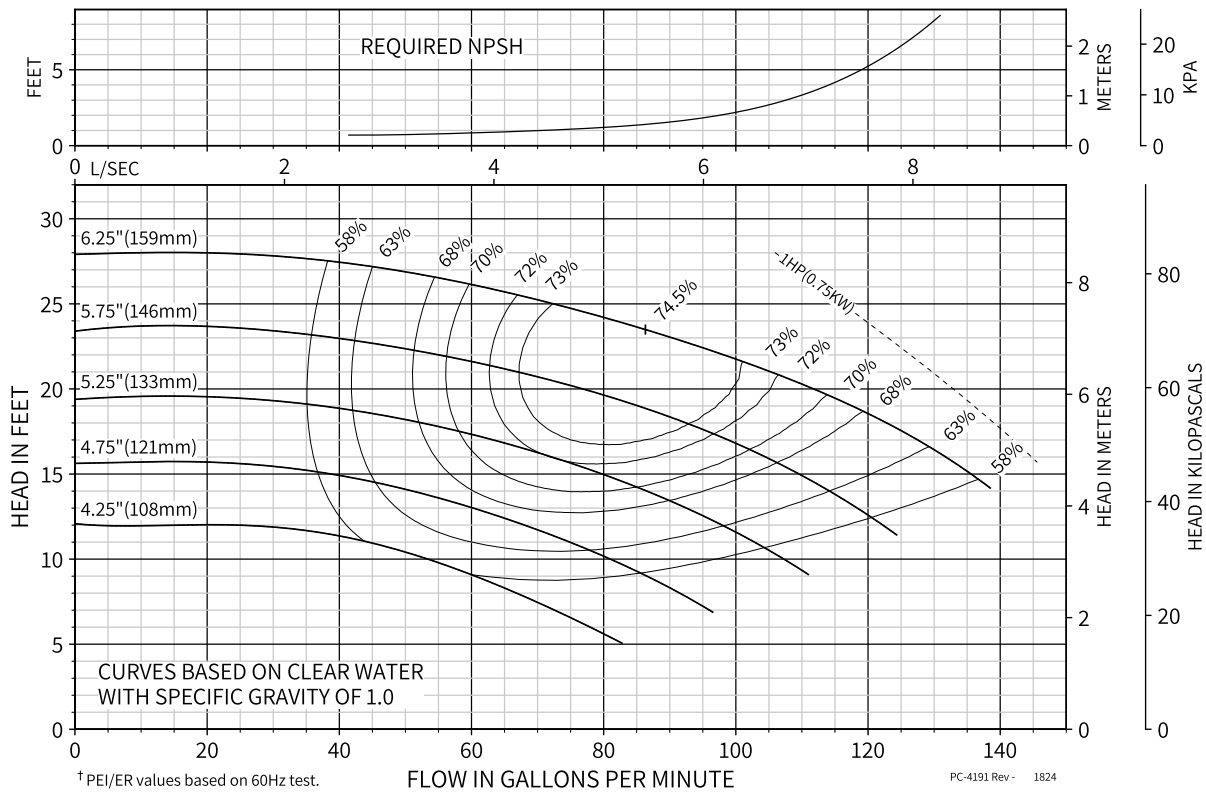
N/A - Not Available



CI Series | Model: 1506D | 1450 RPM

Curve No. 4191 | Min. Imp. Dia. 4.25" | Size 2.5x1.5x6.25 | February 07, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI1506D-4P-PM
Pump & Motor: PEI_{CL}: 0.88[†] | ER_{CL}: 12[†]



COMMENTS