

CI Series Pump | Submittal Data

Submittal No: 301-1302D | Model: 1506D | RPM: 1760 - 60 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 1760

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 1506D

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

HORSEPOWER		1	1.5	2
ODP	MOTOR FRAME	143JM	145JM	
	G MAX	11.15 (283)		
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	121 (55)		
TEFC	MOTOR FRAME	143JM	145JM	
	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		3.50 (89)		
F		5.20 (132)		
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)	5.0 (127)	
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

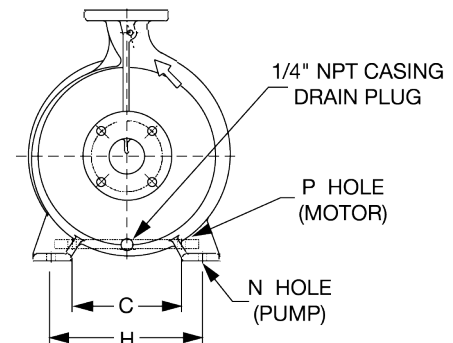
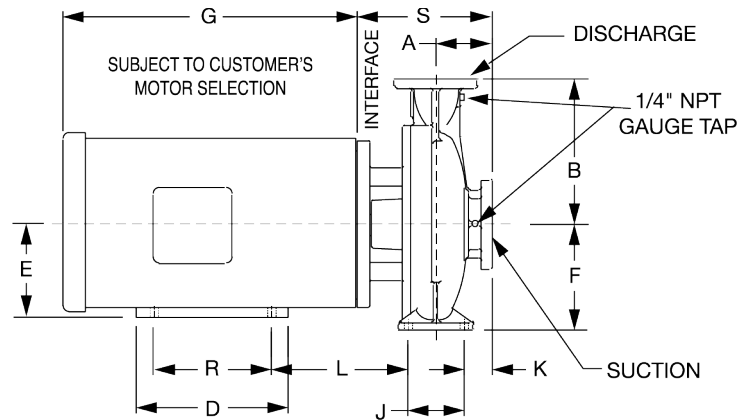
OPERATING SPECIFICATIONS

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

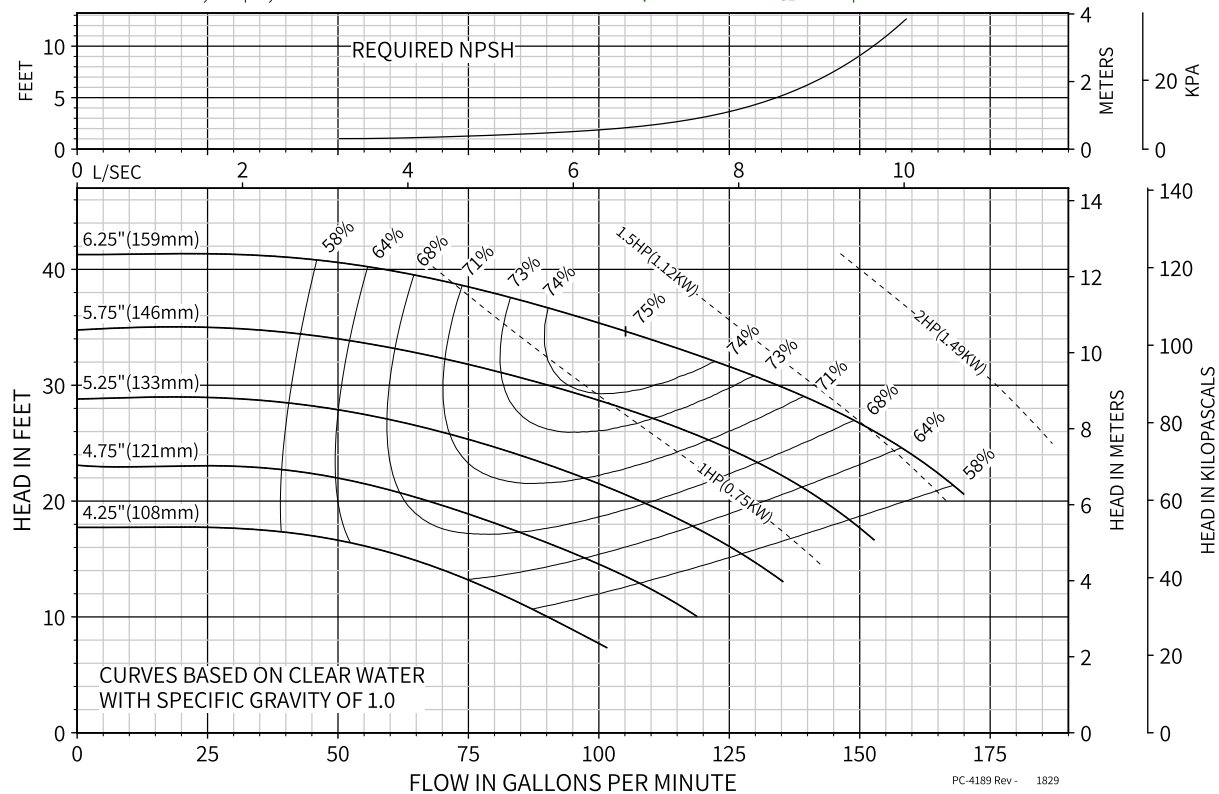
N/A - Not Available



CI Series | Model: 1506D | 1760 RPM

Curve No. 4189 | 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: 12



COMMENTS