

JOB: \_\_\_\_\_

REPRESENTATIVE: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_

## PRODUCT DATA

ITEM NO. \_\_\_\_\_ MODEL NO. 1506D

IMPELLER DIAMETER \_\_\_\_\_ HORSEPOWER \_\_\_\_\_

GPM \_\_\_\_\_ VOLTAGE \_\_\_\_\_

HEAD/FT \_\_\_\_\_ RPM 3500

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		3	5	7.5	10	15
ODP	MOTOR FRAME	145JM	182JM	184JM	213JM	215JM
	G MAX	11.15 (283)	13.76 (350)	15.26 (388)	15.47 (393)	16.60 (422)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	121 (55)	173 (79)	173 (79)	253 (115)	253 (115)
TEFC	MOTOR FRAME	182JM	184JM	213JM	215JM	N/A
	G MAX	13.76 (350)	15.26 (388)	16.64 (423)	18.11 (460)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	173 (79)	173 (79)	253 (115)	253 (115)	
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)	7.5 (191)	8.5 (216)			
D	5.94 (151)	6.50 (165)	8.00 (203)			
E	3.50 (89)	4.50 (114)	5.25 (133)			
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)	6.33 (161)	7.57 (192)			
N (PUMP)	0.56 (14)					
P	0.34 (9)	0.41 (10)	0.43 (11)			
R	5.0 (127)	4.5 (114)	5.5 (140)			
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-2P-BP	PEI <sub>d</sub>	0.89	11
Pump + Motor	CI1506D-2P-PM	PEI <sub>d</sub>	0.89	11

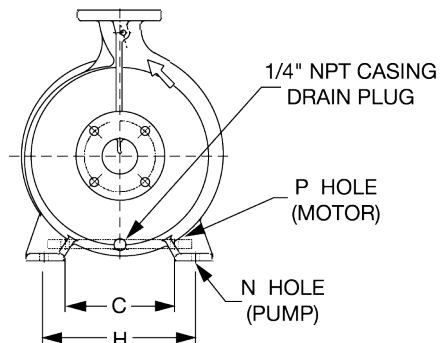
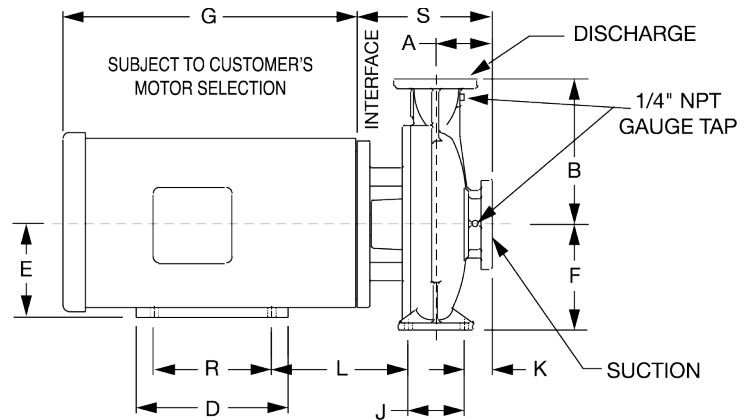
## OPERATING SPECIFICATIONS

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

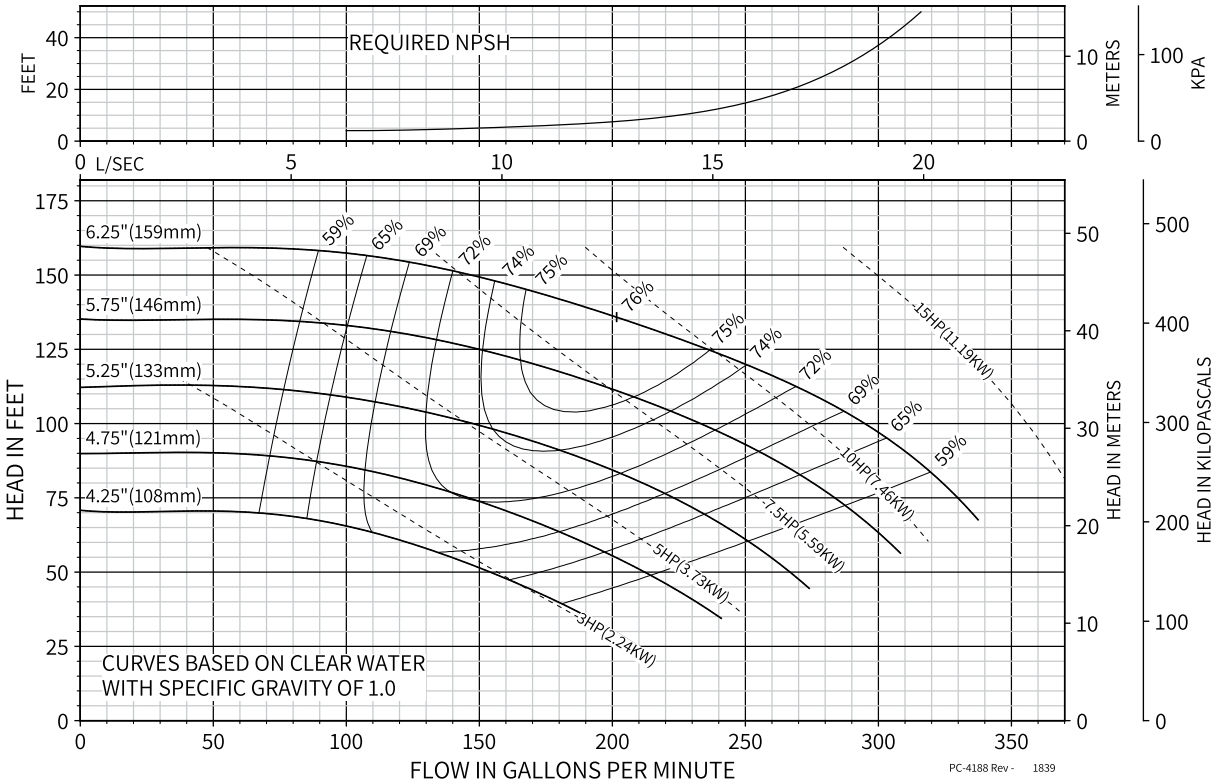
N/A - Not Available



## CI Series | Model: 1506D | 3500 RPM

Curve No. 4188 | Min. Imp. Dia. 4.25" | Size 2.5x1.5x6.25 | February 07, 2020

**Energy Efficiency Rating:** DOE Basic Model Number: CI1506D-2P-PM  
Pump & Motor: PE<sub>CL</sub>: 0.89 | ER<sub>CL</sub>: 11



### COMMENTS



# Model: CI1506D

## Tag: 1

Flow Rate (GPM): 160  
 Head (FT): 135  
 Working Fluid: Water @ 60 F  
 Efficiency (%): 74%  
 Construction: Iron  
 Design Hp: 7.42  
 Nol Hp: 10.59  
 Motor Hp: 7.50  
 Npsh (Ft): 6  
 RPM: 3500

**CI Series | Model: 1506D | 3500 RPM**  
 Curve No. 4188 | Min. Imp. Dia. 4.25" | Size 2.5x1.5x6.25 | February 07, 2020  
**Energy Efficiency Rating:** DOE Basic Model Number: CI1506D-2P-PM  
 Pump & Motor: PE<sub>CL</sub>: 0.89 | ER<sub>CL</sub>: 11

