

CI Series Pump | Submittal Data

Submittal No: 301-1367D | Model: 2506D | RPM: 2900 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 2506D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 2900

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 2506D

Flange Size (Suction x Discharge) | 3 x 2 1/2 (76 x 64)

HORSEPOWER		3		5		7.5		10	
ODP	MOTOR FRAME	145JM		182JM		184JM		213JM	
	G MAX	11.15 (283)		13.76 (350)		15.26 (388)		15.47 (393)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	131 (60)		183 (83)		183 (83)		262 (119)	
TEFC	MOTOR FRAME		182JM		184JM		213JM		215JM
	G MAX		13.76 (350)		15.26 (388)		16.64 (423)		18.11 (460)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)		183 (83)		183 (83)		262 (119)		262 (119)
A		ANSI Class 125: 3.74 (95)							
		ANSI Class 250: 4.11 (104)							
B		ANSI Class 125: 8.25 (210)							
		ANSI Class 250: 8.56 (217)							
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		6.30 (160)							
H (PUMP)		8.34 (212)							
J		2.76 (70)							
K		ANSI Class 125: 2.36 (60)							
		ANSI Class 250: 2.73 (69)							
L		5.66 (144)		6.29 (160)				7.33 (186)	
N (PUMP)		0.63 (16)							
P		0.34 (9)		0.41 (10)				0.43 (11)	
R		5.0 (127)		4.5 (114)		5.5 (140)		7.0 (178)	
S		ANSI Class 125: 7.92 (201)							
		ANSI Class 250: 8.29 (211)							

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI2506D-2P-BP	PEI _d	0.87†	13†
Pump + Motor	CI2506D-2P-PM	PEI _d	0.87†	13†

†PEI/ER values based on 60Hz test.

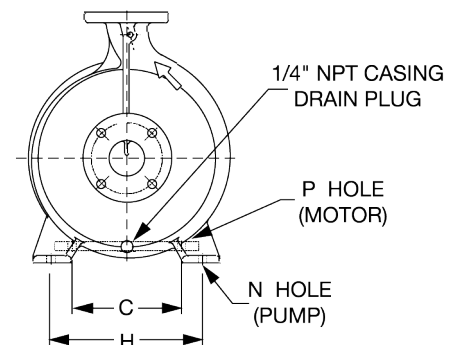
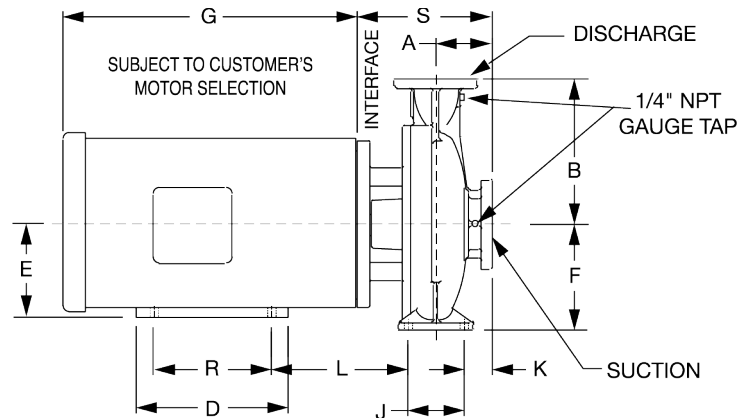
OPERATING SPECIFICATIONS

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

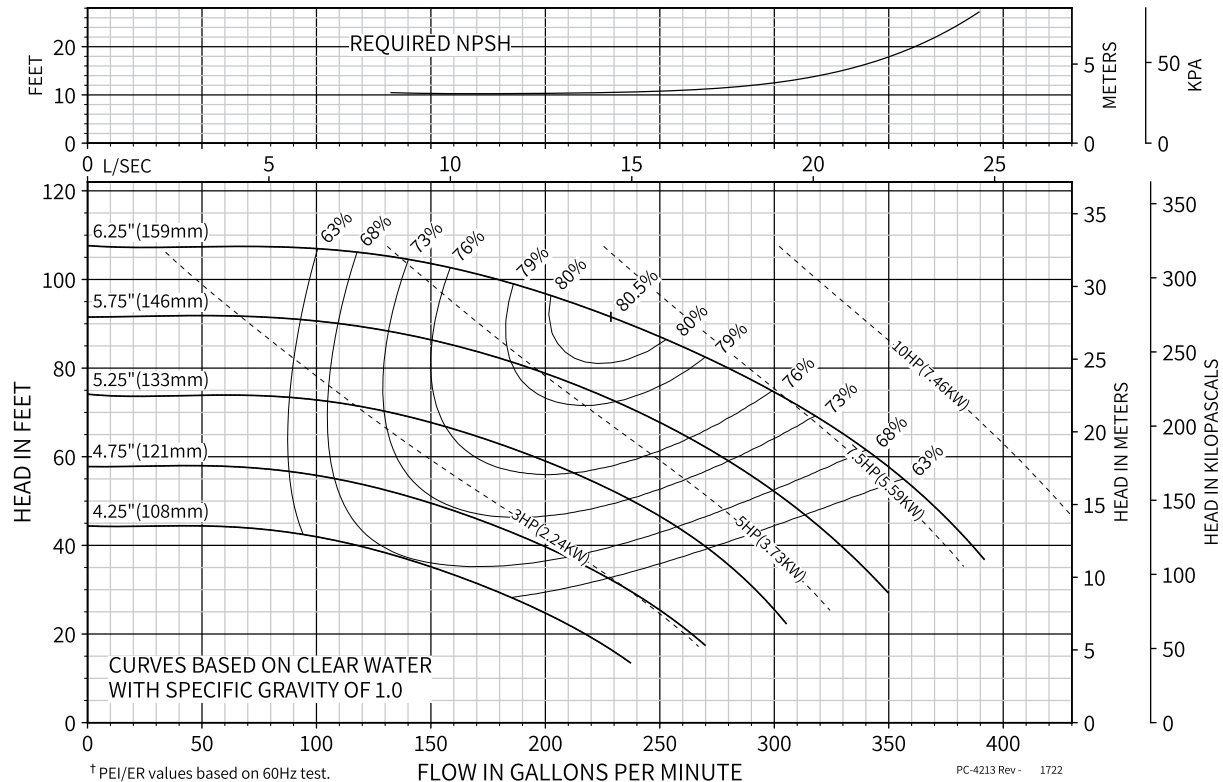
N/A - Not Available



CI Series | Model: 2506D | 2900 RPM

Curve No. 4213 | Min. Imp. Dia. 4.25" | Size 3x2.5x6.25 | February 04, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI2506D-2P-PM
Pump & Motor: PEI_{CL}: 0.87[†] | ER_{CL}: 13[†]



COMMENTS