

CI Series Pump | Submittal Data

Submittal No: 301-1386D | Model: 2511D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 2511D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 2511D

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

HORSEPOWER		3	5	7.5
ODP	MOTOR FRAME	182JM	184JM	213JM
	G MAX	13.76 (350)	15.26 (388)	15.47 (393)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	268 (122)		347 (158)
TEFC	MOTOR FRAME	182JM	184JM	213JM
	G MAX	13.76 (350)	15.26 (388)	16.64 (423)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	268 (122)		347 (158)
A		ANSI Class 125: 4.72 (120)		
		ANSI Class 250: 5.09 (129)		
B		ANSI Class 125: 11.5 (292)		
		ANSI Class 250: 11.81 (300)		
C (MOTOR)		7.5 (191)		8.5 (216)
D		6.5 (165)		8.0 (203)
E		4.5 (114)		5.25 (133)
F		9.84 (250)		
H (PUMP)		12.40 (315)		
J		4.72 (120)		
K		ANSI Class 125: 2.35 (60)		
		ANSI Class 250: 2.73 (69)		
L		5.86 (149)		7.11 (181)
N (PUMP)		0.56 (14)		
P		0.41 (10)		
R		4.50 (114)	5.50 (140)	
S		ANSI Class 125: 9.34 (237)		
		ANSI Class 250: 9.72 (247)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI2511D-4P-BP	PEI _d	0.86†	14†
Pump + Motor	CI2511D-4P-PM	PEI _d	0.86†	14†

†PEI/ER values based on 60Hz test.

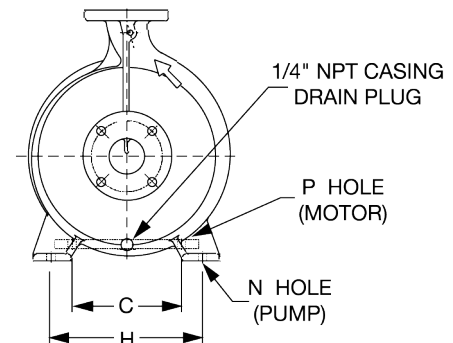
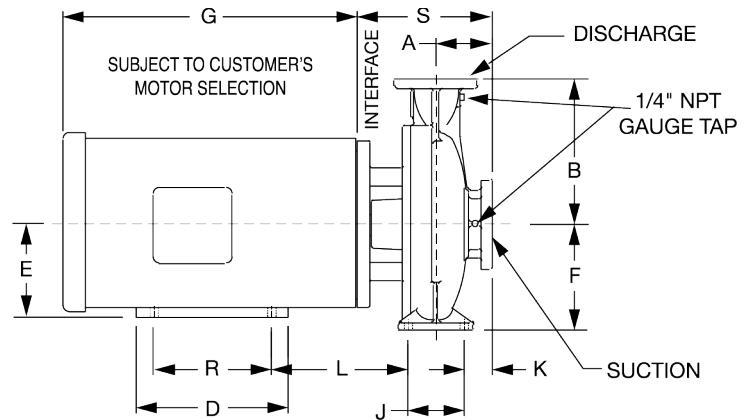
OPERATING SPECIFICATIONS

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

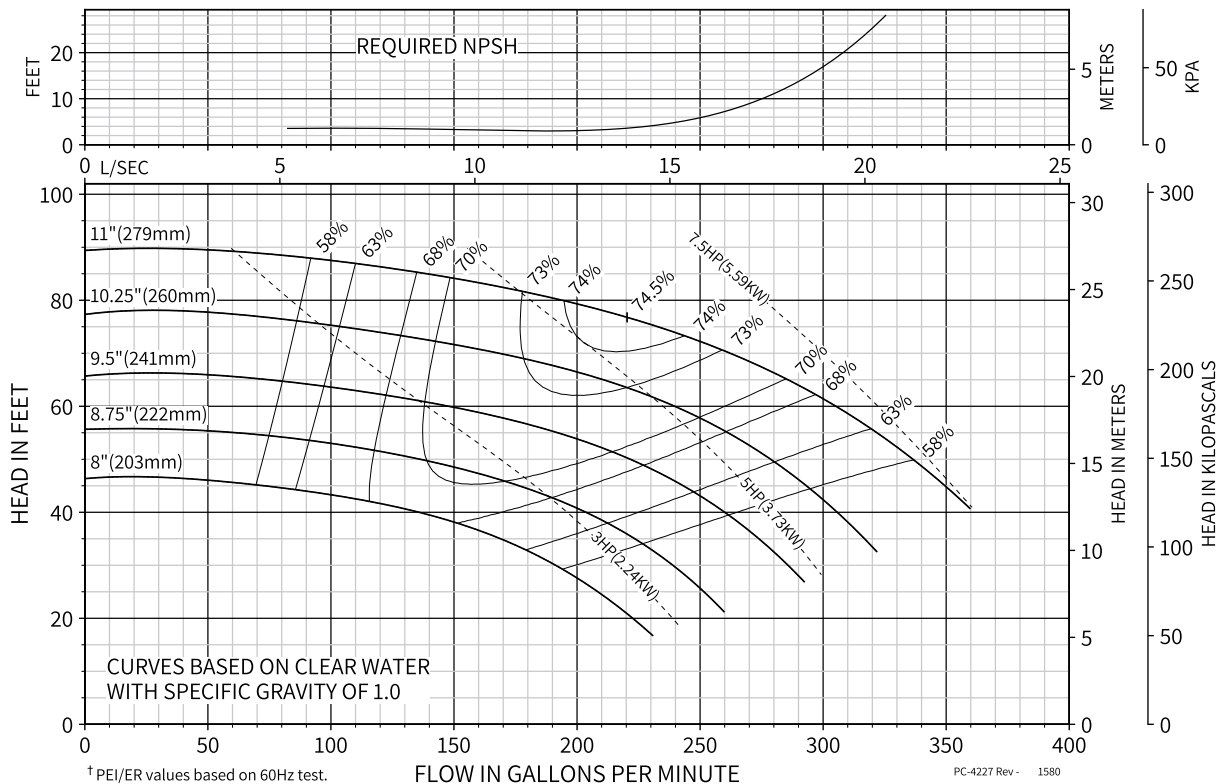
N/A - Not Available



CI Series | Model: 2511D | 1450 RPM

Curve No. 4227 | Min. Imp. Dia. 8.0" | Size 3x2.5x11.0 | February 03, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI2511D-4P-PM
Pump & Motor: PE_{CL} : 0.86[†] | ER_{CL} : 14[†]



COMMENTS