

CI Series Pump | Submittal Data

Submittal No: 301-1388D | Model: 5011D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: April 30, 2019

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 5011D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 5011D

Flange Size (Suction x Discharge) | 6 x 5 (152 x 127)

HORSEPOWER		7.5	10	15	20
ODP	MOTOR FRAME	213JM	215JM	254JM	256JM
	G MAX	15.47 (393)	16.60 (422)	19.44 (494)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	433 (197)		530 (240)	
TEFC	MOTOR FRAME	213JM	215JM	254JM	256JM
	G MAX	16.64 (423)	18.11 (460)	20.05 (509)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	433 (197)		530 (240)	
A		ANSI Class 125: 5.17 (131)			
		ANSI Class 250: 5.55 (141)			
B		ANSI Class 125: 14.95 (380)			
		ANSI Class 250: 15.38 (391)			
C (MOTOR)		8.5 (216)		10.0 (254)	
D		8.0 (203)		9.50 (241)	11.75 (298)
E		5.25 (133)		6.25 (159)	
F		9.84 (250)			
H (PUMP)		12.4 (315)			
J		4.72 (120)			
K		ANSI Class 125: 2.81 (71)			
		ANSI Class 250: 3.19 (81)			
L		7.16 (182)		8.34 (212)	
N (PUMP)		0.5 (13)			
P		0.41 (10)		0.53 (13)	
R		5.5 (140)	7.0 (178)	8.25 (210)	
S		ANSI Class 125: 10.20 (259)		ANSI Class 125: 10.87 (276)	
		ANSI Class 250: 10.58 (269)		ANSI Class 250: 11.25 (286)	

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI5011D-4P-BP	PEI _d	0.94 [†]	6 [†]
Pump + Motor	CI5011D-4P-PM	PEI _d	0.94 [†]	6 [†]

[†]PEI/ER values based on 60Hz test.

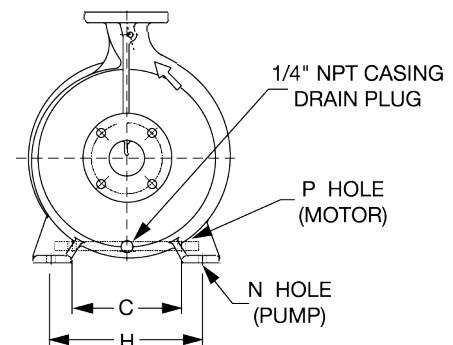
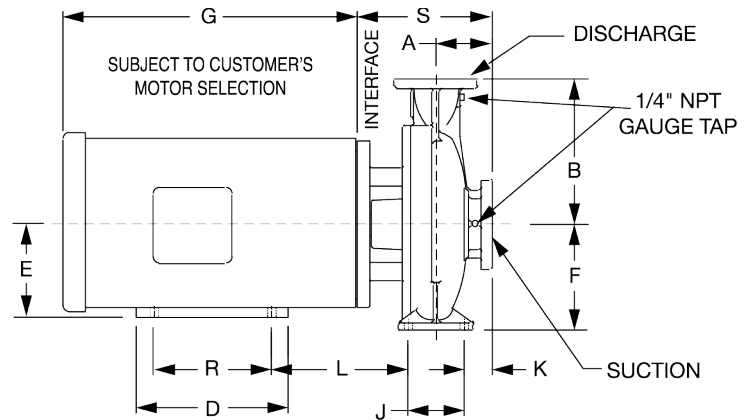
OPERATING SPECIFICATIONS

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	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

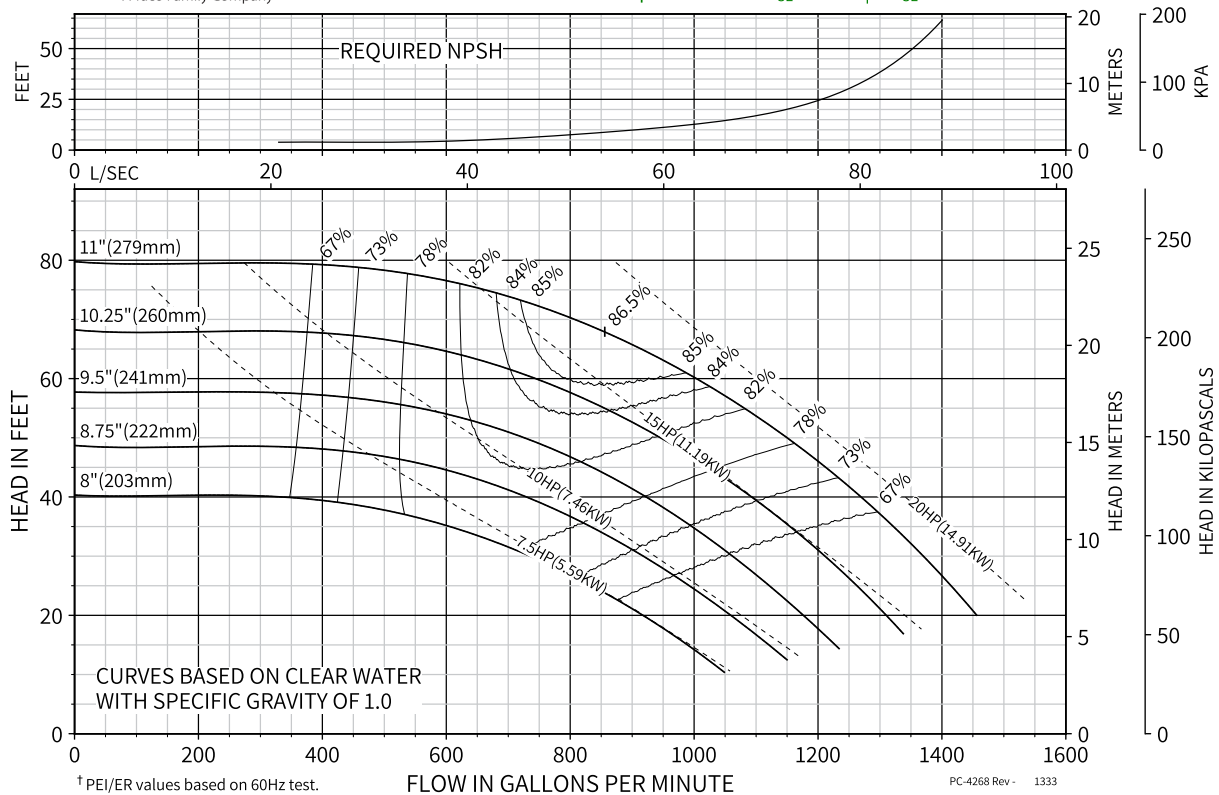
N/A - Not Available



CI Series | Model: 5011D | 1450 RPM

Curve No. 4268 | Min. Imp. Dia. 8.0" | Size 6x5x11.0 | January 27, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI5011D-4P-PM
Pump & Motor: PE_{CL} : 0.94[†] | ER_{CL} : 6[†]



COMMENTS