

CI Series Pump | Submittal Data

Submittal No: 301-1387D | Model: 3011D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 3011D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 3011D

Flange Size (Suction x Discharge) | 4 x 3 (102 x 76)

HORSEPOWER		5	7.5	10	15
ODP	MOTOR FRAME	184JM	213JM	215JM	254JM
	G MAX	15.26 (388)	15.47 (393)	16.60 (422)	19.44 (494)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	282 (128)	361 (164)		458 (208)
TEFC	MOTOR FRAME	184JM	213JM	215JM	254JM
	G MAX	15.26 (388)	16.64 (423)	18.11 (460)	20.05 (509)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	282 (128)	361 (164)		458 (208)
A		ANSI Class 125: 4.72 (120)			
		ANSI Class 250: 5.03 (128)			
B		ANSI Class 125: 11 (279)			
		ANSI Class 250: 11.38 (289)			
C (MOTOR)		7.5 (191)	8.5 (216)		10.0 (254)
D		6.5 (165)	8.0 (203)		9.5 (241)
E		4.5 (114)	5.25 (133)		6.25 (159)
F		9.84 (250)			
H (PUMP)		12.4 (315)			
J		4.72 (120)			
K		ANSI Class 125: 2.36 (60)			
		ANSI Class 250: 2.67 (68)			
L		6.0 (152)	7.24 (184)		8.16 (207)
N (PUMP)		0.56 (14)			
P		0.41 (10)			0.53 (13)
R		5.5 (140)		7.0 (178)	8.25 (210)
S		ANSI Class 125: 9.58 (243)			ANSI Class 125: 10.25 (260)
		ANSI Class 250: 9.89 (251)			ANSI Class 250: 10.56 (268)

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI3011D-4P-BP	PEI _d	0.91†	9†
Pump + Motor	CI3011D-4P-PM	PEI _d	0.91†	9†

†PEI/ER values based on 60Hz test.

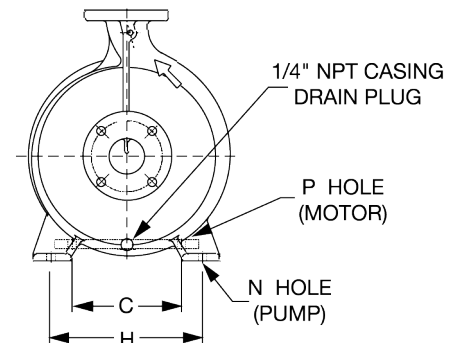
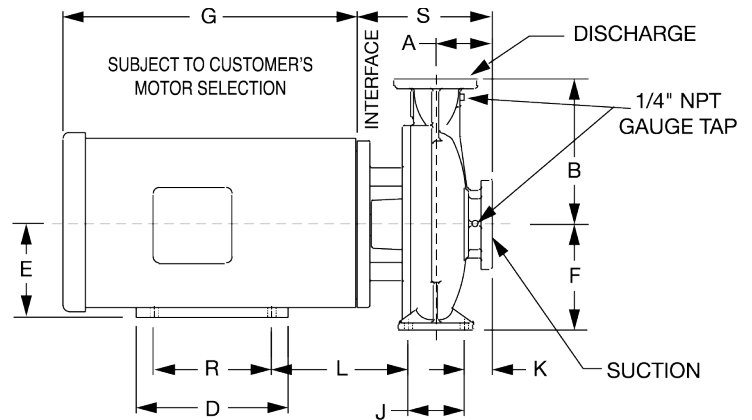
OPERATING SPECIFICATIONS

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

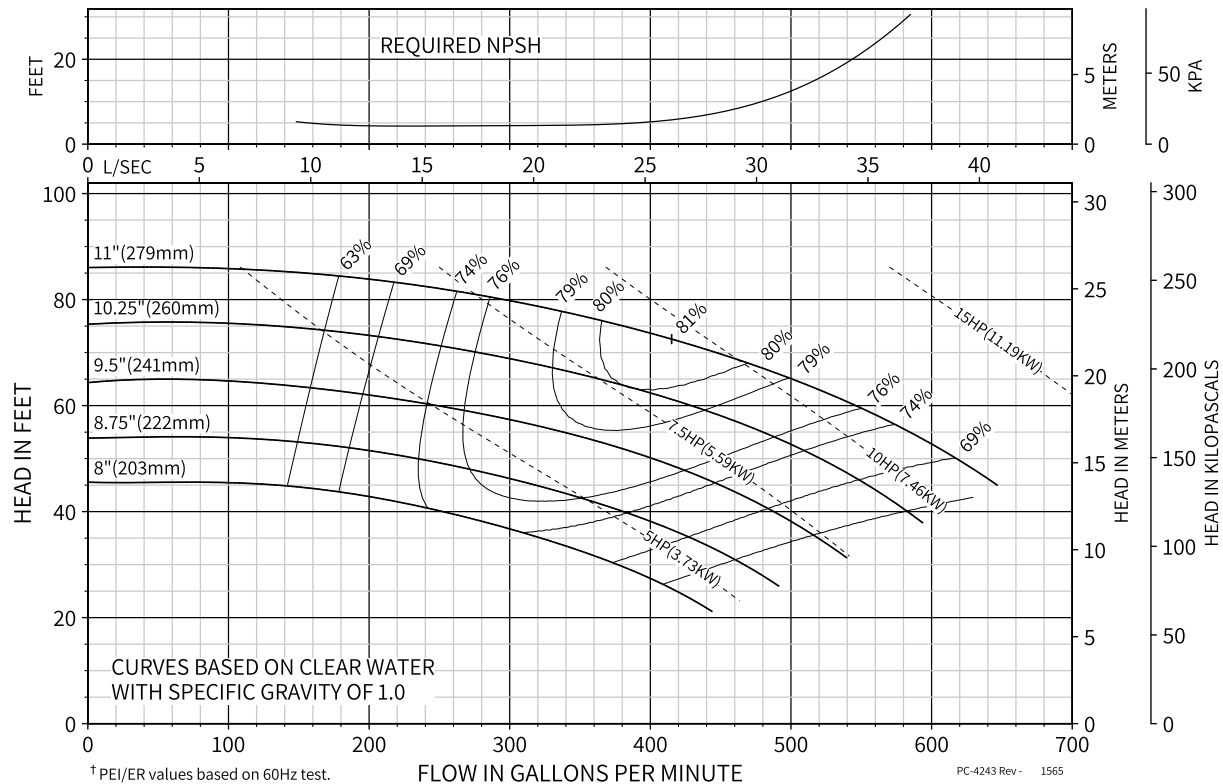
N/A - Not Available



CI Series | Model: 3011D | 1450 RPM

Curve No. 4243 | Min. Imp. Dia. 8.0" | Size 4x3x11.0 | February 03, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI3011D-4P-PM
Pump & Motor: PEI_{CL}: 0.91[†] | ER_{CL}: 9[†]



COMMENTS