

CI Series Pump | Submittal Data

Submittal No: 301-1340D | Model: 5011D | RPM: 1760 - 60 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 1760

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 5011D

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

HORSEPOWER		15	20	25	30	40
ODP	MOTOR FRAME	254JM	256JM	284JM	286JM	324JM
	G MAX	19.44 (494)		21.31 (541)	21.69 (551)	22.19 (564)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	530 (240)		678 (308)		979 (444)
TEFC	MOTOR FRAME	254JM	256JM	284JM	286JM	324JM
	G MAX	20.05 (509)		23.39 (594)		25.40 (645)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	530 (240)		678 (308)		979 (444)
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)		10.0 (254)		11.0 (279)		12.5 (318)
D		9.50 (241)	11.75 (298)	10.75 (273)	12.25 (311)	12.00 (305)
E		6.25 (159)			7.0 (178)	8.0 (203)
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		8.34 (212)				8.84 (224)
N (PUMP)		0.5 (13)				
P		0.53 (13)				0.66 (17)
R		8.25 (210)		9.50 (241)	11.0 (279)	10.5 (267)
S		ANSI Class 125: 10.87 (276)				
		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

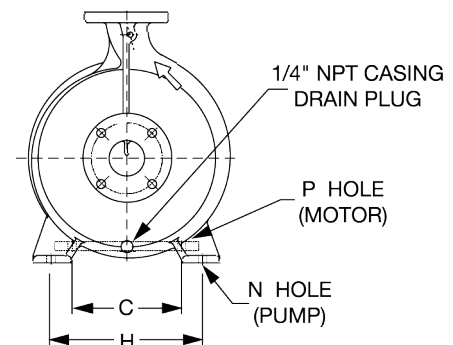
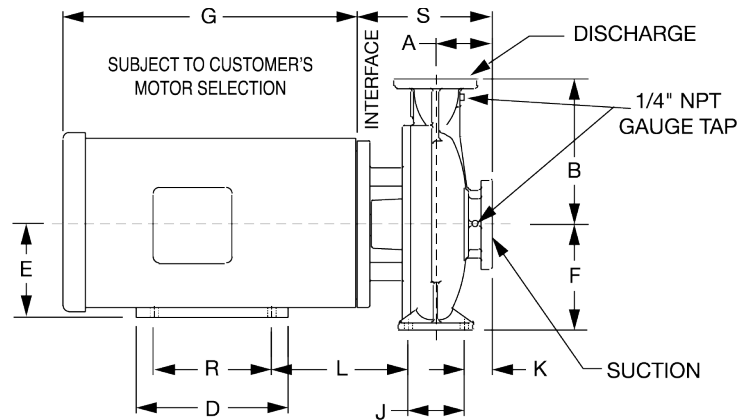
OPERATING SPECIFICATIONS

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

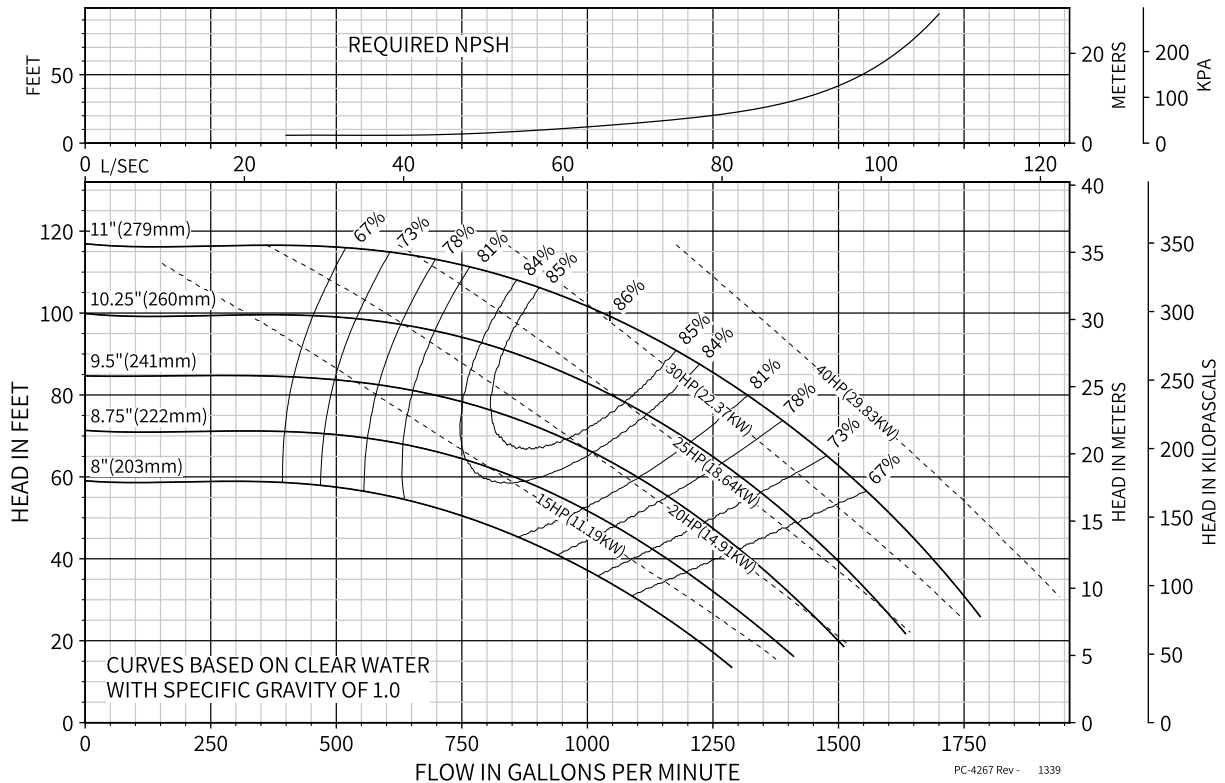
N/A - Not Available



CI Series | Model: 5011D | 1760 RPM

Curve No. 4267 | Min. Imp. Dia. 8.0" | Size 6x5x11.0 | January 27, 2020

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



COMMENTS