

CI Series Pump | Submittal Data

Submittal No: 301-1401D | Model: 2007D | RPM: 2900 - 50 Hz | Effective: January 27, 2020 | Supersedes: December 31, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 2007D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 2900

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 2007D

Flange Size (Suction x Discharge) | 2 ½ x 2 (64 x 51)

HORSEPOWER		5		7.5		10		15		
ODP	MOTOR FRAME	182JM		184JM		213JM		215JM		
	G MAX	13.76 (350)		15.26 (388)		15.47 (393)		16.6 (422)		
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	187 (85)		187 (85)		263 (119)		263 (119)		
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)		187 (85)		263 (119)		263 (119)		391 (177)	
A		ANSI Class 125: 4.72 (120)								
		ANSI Class 250: 5.03 (128)								
B		ANSI Class 125: 7.75 (197)								
		ANSI Class 250: 8.00 (203)								
C (MOTOR)		7.5 (191)			8.5 (216)			10.0 (254)		
D		6.50 (165)			8.00 (203)			9.50 (241)		
E		4.50 (114)			5.25 (133)			6.25 (159)		
F		6.30 (160)								
H (PUMP)		8.34 (212)								
J		2.76 (70)								
K		ANSI Class 125: 3.35 (85)								
		ANSI Class 250: 3.66 (93)								
L		6.70 (170)			7.70 (196)			9.13 (232)		
N (PUMP)		0.56 (14)								
P		0.41 (10)							0.53 (13)	
R		4.50 (115)	5.50 (140)			7.0 (178)		8.25 (210)		
S		ANSI Class 125: 9.30 (236)							ANSI Class 125: 10.23 (260)	
		ANSI Class 250: 9.61 (244)							ANSI Class 250: 10.54 (268)	

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI2007D-2P-BP	PEI _d	0.90†	10†
Pump + Motor	CI2007D-2P-PM	PEI _d	0.90†	10†

†PEI/ER values based on 60Hz test.

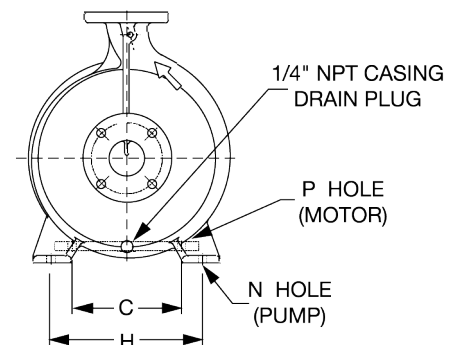
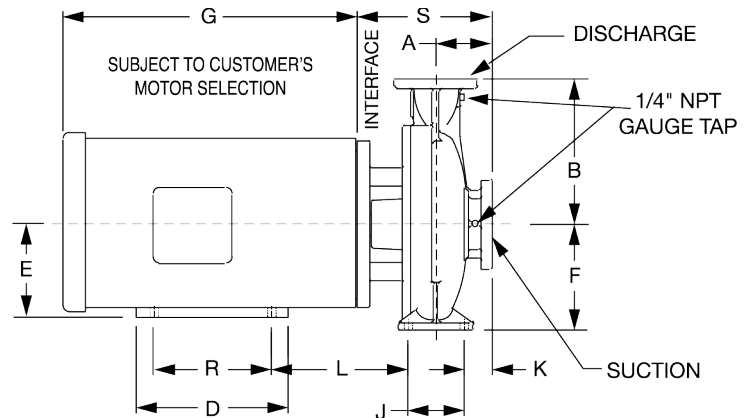
OPERATING SPECIFICATIONS

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

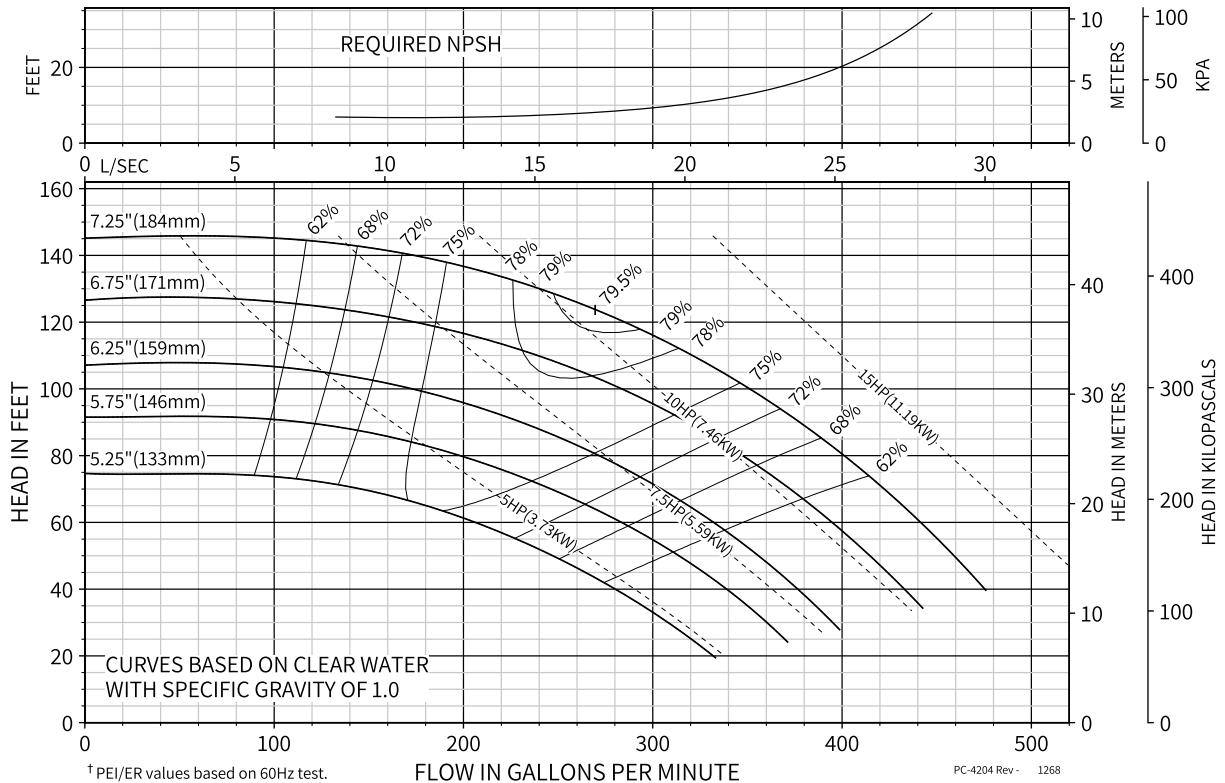
N/A - Not Available



CI Series | Model: 2007D | 2900 RPM

Curve No. 4204 | Min. Imp. Dia. 5.25" | Size 2.5x2x7.25 | January 27, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI2007D-2P-PM
Pump & Motor: PEI_{CL}: 0.9[†] | ER_{CL}: 10[†]



COMMENTS