

CI Series Pump | Submittal Data

Submittal No: 301-1400D | Model: 2007D | RPM: 1450 - 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 1450

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		1	1.5	2
ODP	MOTOR FRAME	143JM	145JM	
	G MAX	11.15 (283)		
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	134 (61)		
TEFC	MOTOR FRAME	143JM	145JM	
	G MAX	11.15 (283)		
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	134 (61)		
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)		5.5 (140)		
D		5.94 (151)		
E		3.5 (89)		
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		6.08 (154)		
N (PUMP)		0.56 (14)		
P		0.34 (9)		
R		4.0 (101)	5.0 (127)	
S		ANSI Class 125: 9.30 (236)		
		ANSI Class 250: 9.61 (244)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI2007D-4P-BP	PEI _d	0.86†	14†
Pump + Motor	CI2007D-4P-PM	PEI _d	0.86†	14†

†PEI/ER values based on 60Hz test.

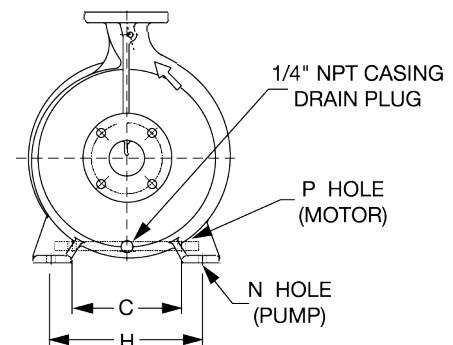
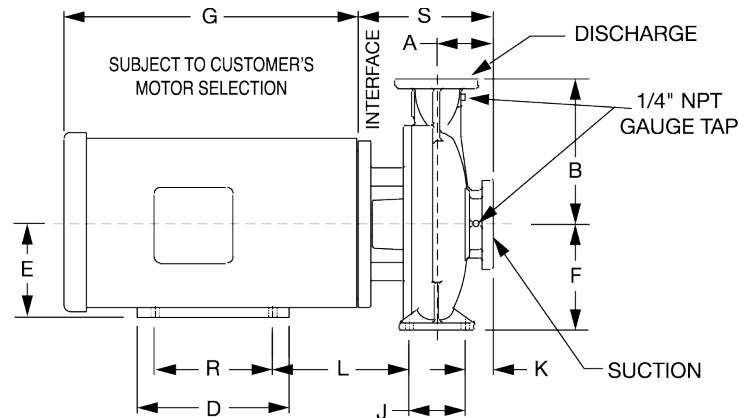
OPERATING SPECIFICATIONS

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

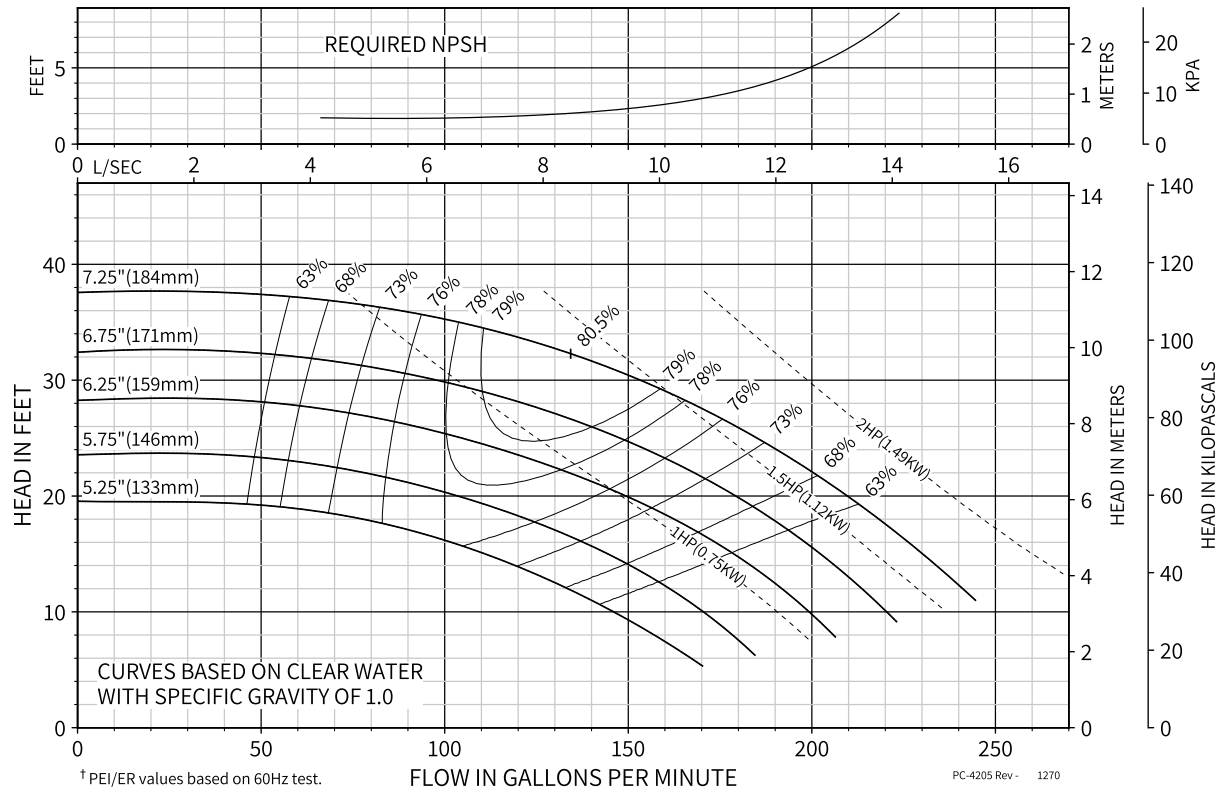
N/A - Not Available



CI Series | Model: 2007D | 1450 RPM

Curve No. 4205 | Min. Imp. Dia. 5.25" | Size 2.5x2x7.25 | January 27, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI2007D-4P-PM
Pump & Motor: PEI_{CL}: 0.86[†] | ER_{CL}: 14[†]



COMMENTS