

CI Series Pump | Submittal Data

Submittal No: 301-1374D | Model: 3007D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: May 30, 2019

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 3007D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 3007D
Flange Size (Suction x Discharge) | 4 x 3 (102 x 76)

HORSEPOWER		1.5	2	3
ODP	MOTOR FRAME	145JM		182JM
	G MAX	11.15 (283)		13.76 (350)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	152 (69)		204 (93)
TEFC	MOTOR FRAME	145JM		182JM
	G MAX	11.15 (283)		13.76 (350)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	152 (69)		204 (93)
A		ANSI Class 125: 4.73 (120)		
		ANSI Class 250: 5.04 (128)		
B		ANSI Class 125: 9.00 (229)		
		ANSI Class 250: 9.37 (238)		
C (MOTOR)		5.5 (140)		7.5 (191)
D		5.94 (151)		6.50 (165)
E		3.50 (89)		4.50 (114)
F		7.09 (180)		
H (PUMP)		9.84 (250)		
J		3.75 (96)		
K		ANSI Class 125: 2.85 (72)		
		ANSI Class 250: 3.17 (80)		
L		5.81 (147)		6.43 (163)
N (PUMP)		0.56 (14)		
P		0.34 (9)		0.41 (10)
R		5.0 (127)		4.5 (114)
S		ANSI Class 125: 9.52 (242)		
		ANSI Class 250: 9.84 (250)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI3007D-4P-BP	PEI _d	0.89†	11†
Pump + Motor	CI3007D-4P-PM	PEI _d	0.89†	11†

†PEI/ER values based on 60Hz test.

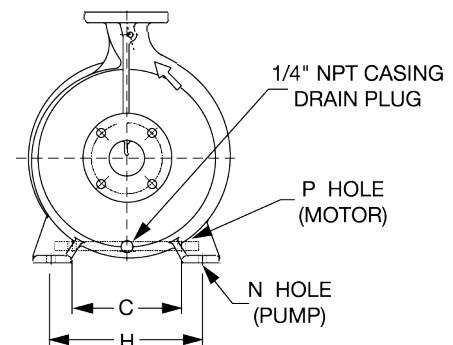
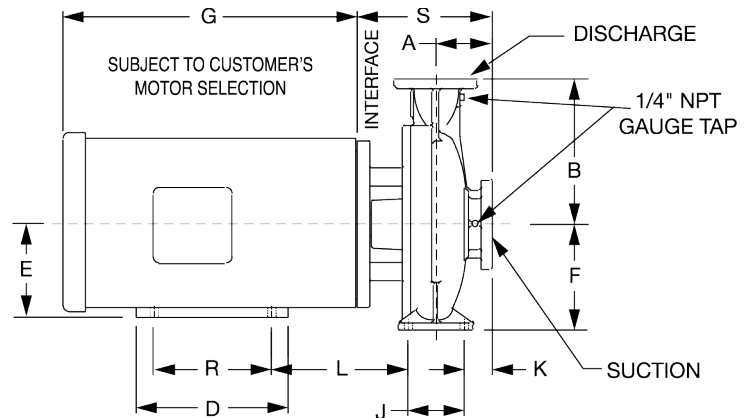
OPERATING SPECIFICATIONS

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

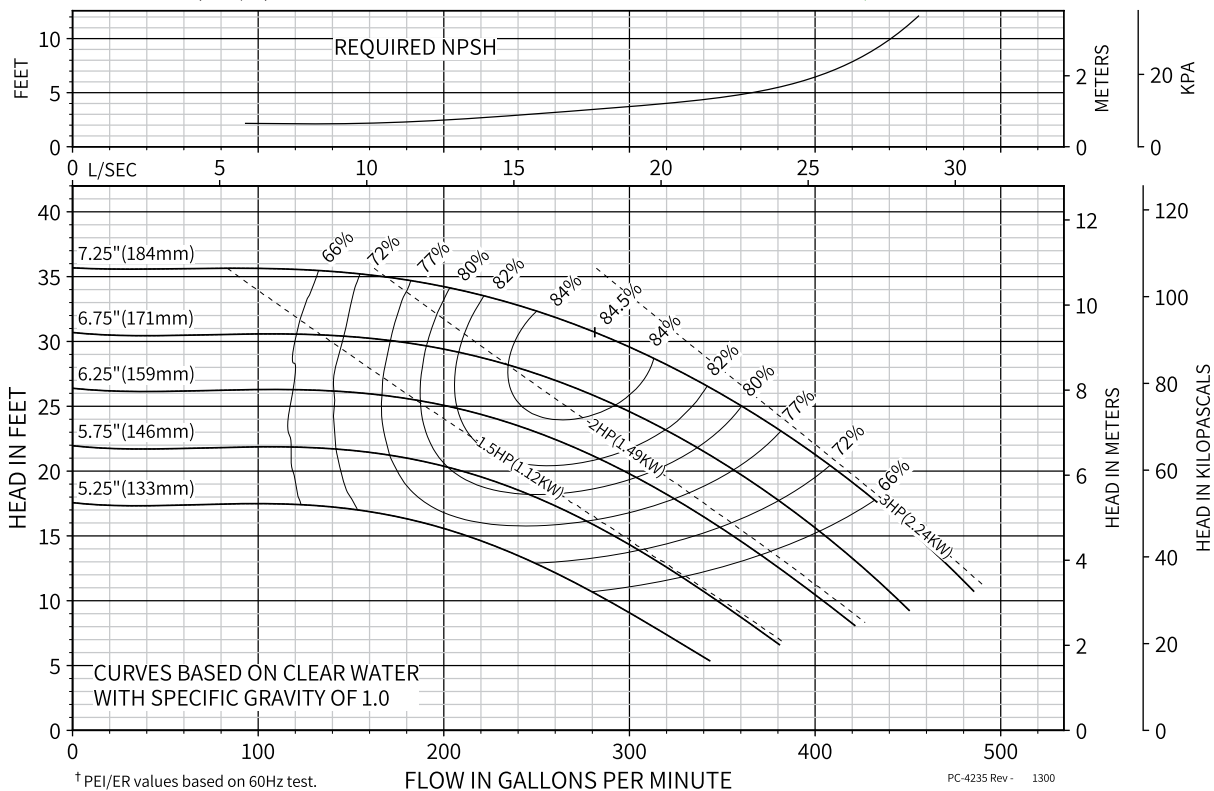
N/A - Not Available



CI Series | Model: 3007D | 1450 RPM

Curve No. 4235 | Min. Imp. Dia. 5.25" | Size 4x3x7.25 | January 27, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI3007D-4P-PM
Pump & Motor: PE_{CL}: 0.89[†] | ER_{CL}: 11[†]



COMMENTS