

CI Series Pump | Submittal Data

Submittal No: 301-1375D | Model: 3007D | RPM: 2900 - 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 2900

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

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

HORSEPOWER		10		15		20		25	
ODP	MOTOR FRAME	213JM		215JM		254JM		256JM	
	G MAX	15.47 (393)		16.6 (422)		19.44 (494)		19.44 (494)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	280 (127)		280 (127)		464 (211)		464 (211)	
TEFC	MOTOR FRAME		215JM		254JM		256JM		284JM
	G MAX		18.11 (460)		20.05 (509)		20.05 (509)		23.39 (594)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)		280 (127)		464 (211)		464 (211)		579 (263)
A		ANSI Class 125: 4.72 (120)							
		ANSI Class 250: 5.04 (128)							
B		ANSI Class 125: 9.00 (229)							
		ANSI Class 250: 9.37 (238)							
C (MOTOR)		8.5 (216)			10.0 (254)				11.0 (279)
D		8.0 (203)			9.5 (241)		11.75 (298)		10.75 (273)
E		5.25 (133)			6.25 (159)				7.0 (178)
F		7.09 (180)							
H (PUMP)		9.84 (250)							
J		3.75 (96)							
K		ANSI Class 125: 285 (72)							
		ANSI Class 250: 3.17 (80)							
L		7.68 (195)			8.86 (225)				
N (PUMP)		0.56 (14)							
P		0.41 (10)			0.53 (13)				
R		5.50 (140)	7.00 (178)		8.25 (210)		10.00 (254)		9.50 (241)
S		ANSI Class 125: 9.52 (242)			ANSI Class 125: 10.45 (266)				
		ANSI Class 250: 9.84 (250)		ANSI Class 250: 10.77 (274)					

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI3007D-2P-BP	PEI _d	0.90†	10†
Pump + Motor	CI3007D-2P-PM	PEI _d	0.90†	10†

†PEI/ER values based on 60Hz test.

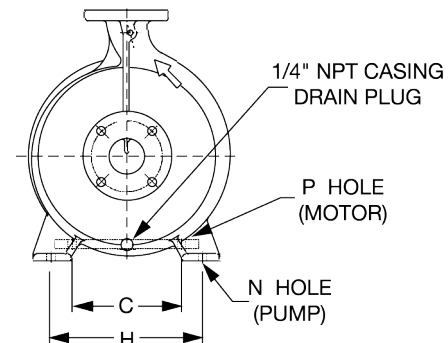
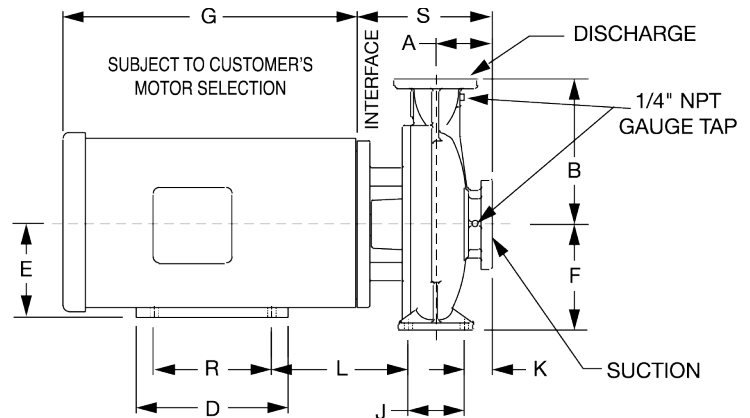
OPERATING SPECIFICATIONS

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

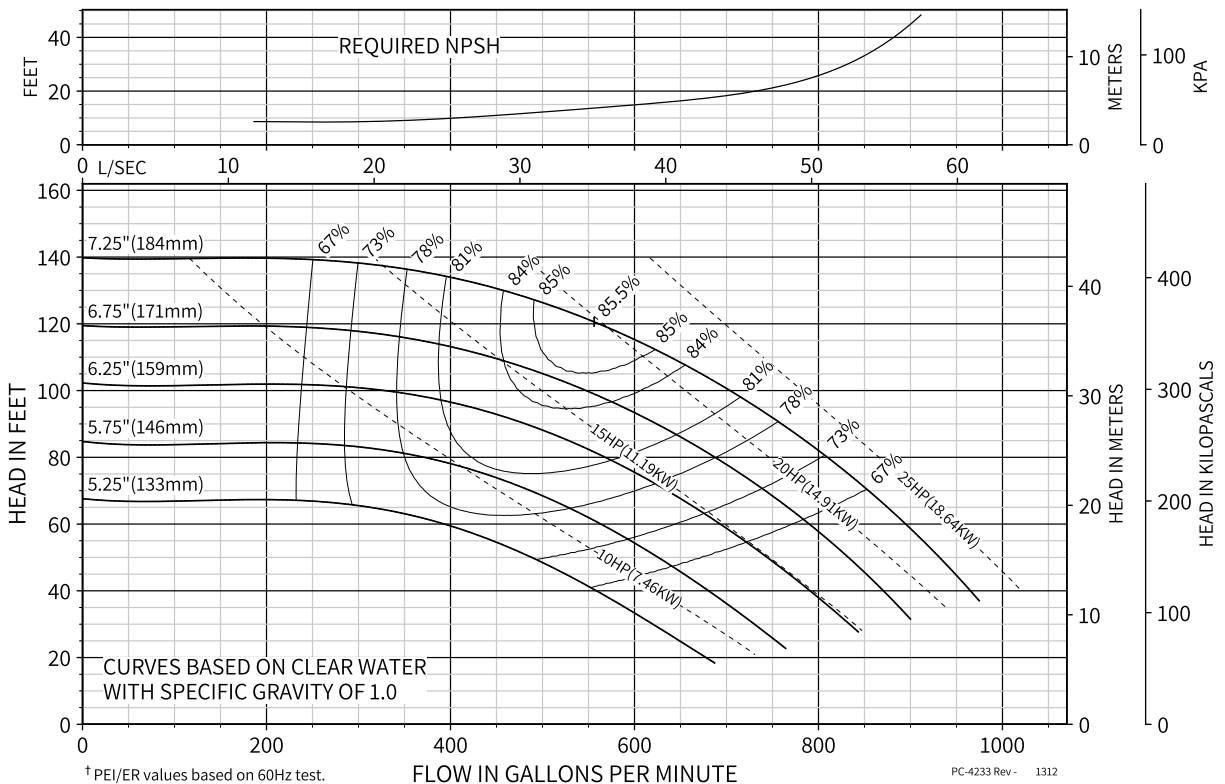
N/A - Not Available



CI Series | Model: 3007D | 2900 RPM

Curve No. 4233 | Min. Imp. Dia. 5.25" | Size 4x3x7.25 | January 27, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI3007D-2P-PM
Pump & Motor: PEI_{CL} : 0.9[†] | ER_{CL} : 10[†]



COMMENTS