

CI Series Pump | Submittal Data

Submittal No: 301-1369D | Model: 1207D | RPM: 2900 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 1207D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 2900

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 1207D

Flange Size (Suction x Discharge) | 2 x 1 1/4 (51 x 32)

HORSEPOWER		3		5		7.5		10	
ODP	MOTOR FRAME	145JM		182JM		184JM		213JM	
	G MAX	11.15 (283)		13.76 (350)		15.26 (388)		15.47 (393)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	118 (54)		171 (77)		171 (77)		251 (114)	
TEFC	MOTOR FRAME		182JM		184JM		213JM		215JM
	G MAX		13.76 (350)		15.26 (388)		16.64 (423)		18.11 (460)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)		171 (77)		171 (77)		251 (114)		251 (114)
A		ANSI Class 125: 3.75 (95)							
		ANSI Class 250: 4.01 (102)							
B		ANSI Class 125: 7.25 (184)							
		ANSI Class 250: 7.50 (191)							
C (MOTOR)		5.5 (140)		7.5 (191)		8.5 (216)			
D		5.94 (151)		6.50 (165)		8.00 (203)			
E		3.50 (89)		4.50 (114)		5.25 (133)			
F		6.3 (160)							
H (PUMP)		8.34 (212)							
J		2.76 (70)							
K		ANSI Class 125: 2.37 (60)							
		ANSI Class 250: 2.63 (67)							
L		5.79 (147)		6.42 (163)		7.42 (188)			
N (PUMP)		0.56 (14)							
P		0.34 (9)		0.41 (10)					
R		5.0 (127)	4.5 (115)	5.5 (140)		7.0 (178)			
S		ANSI Class 125: 8.05 (204)							
		ANSI Class 250: 8.31 (211)							

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI1207D-2P-BP	PEI _d	0.83†	17†
Pump + Motor	CI1207D-2P-PM	PEI _d	0.83†	17†

†PEI/ER values based on 60Hz test.

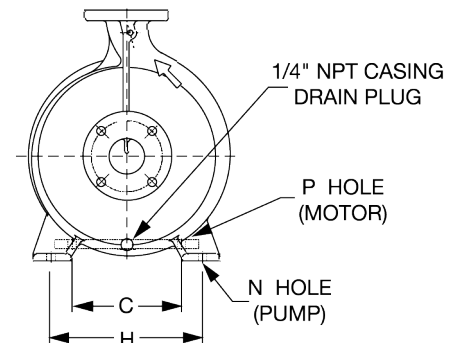
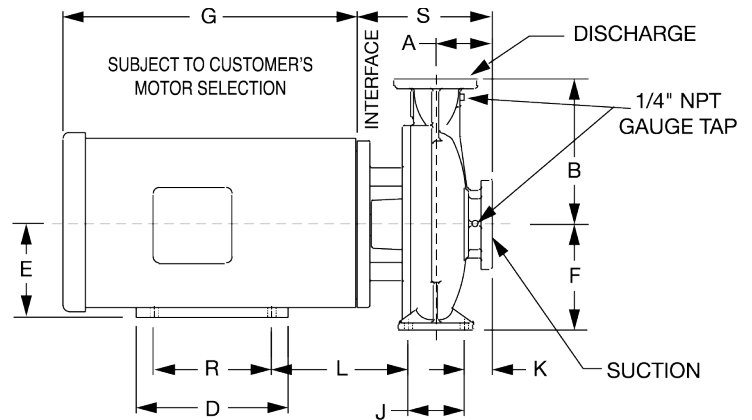
OPERATING SPECIFICATIONS

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

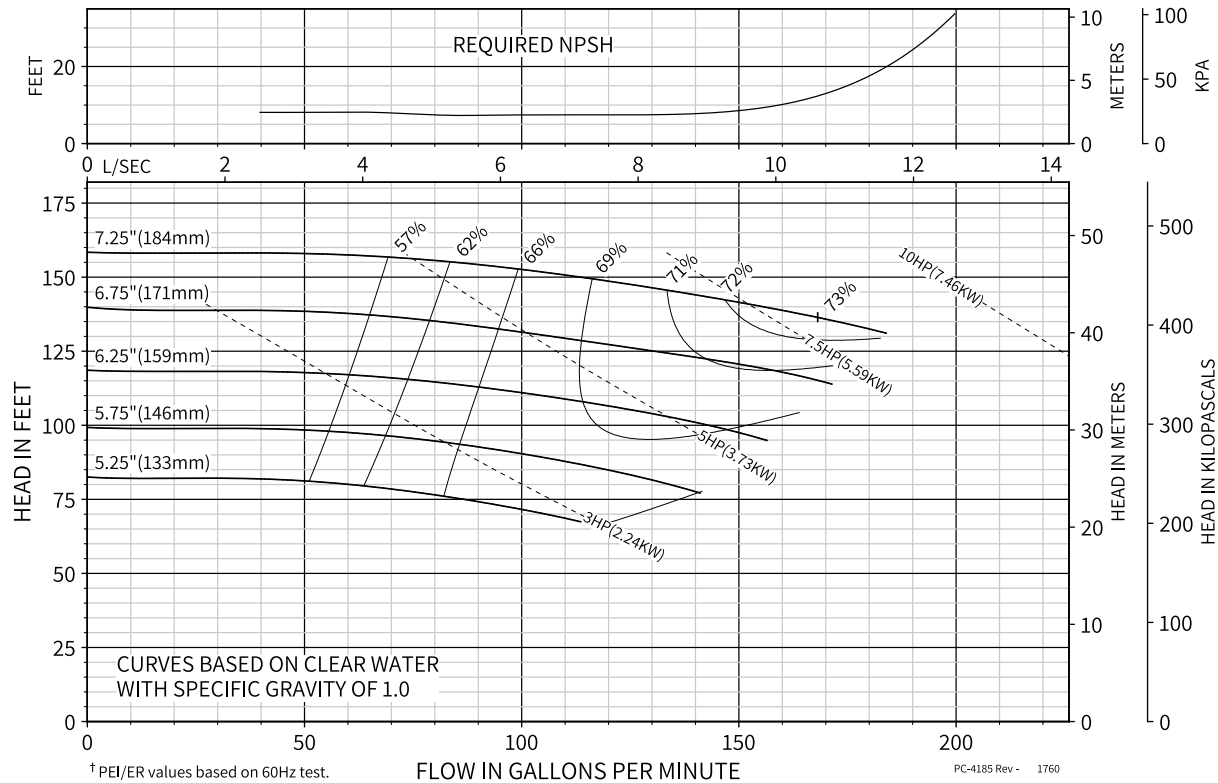
N/A - Not Available



CI Series | Model: 1207D | 2900 RPM

Curve No. 4185 | Min. Imp. Dia. 5.25" | Size 2x1.25x7.25 | February 04, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI1207D-2P-PM
Pump & Motor: PEI_{CL}: 0.83[†] | ER_{CL}: 17[†]



COMMENTS