

CI Series Pump | Submittal Data

Submittal No: 301-1308D | Model: 1207D | RPM: 3500 - 60 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 3500

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		5		7.5		10		15
ODP	MOTOR FRAME	182JM		184JM		213JM		215JM
	G MAX	13.76 (350)		15.26 (388)		15.47 (393)		16.60 (422)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	171 (77)		171 (77)		251 (114)		251 (114)
TEFC	MOTOR FRAME		184JM		213JM		215JM	N/A
	G MAX		15.26 (388)		16.64 (423)		18.11 (460)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)		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)		7.5 (191)			8.5 (216)			
D		6.50 (165)			8.00 (203)			
E		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		6.42 (163)			7.42 (188)			
N (PUMP)		0.56 (14)						
P		0.41 (10)						
R		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

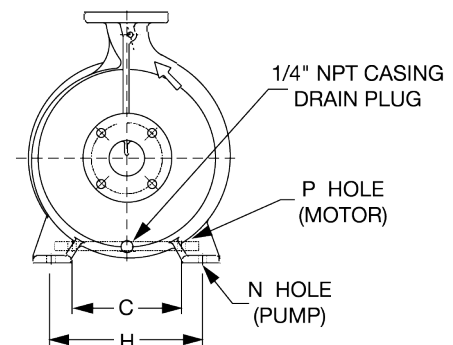
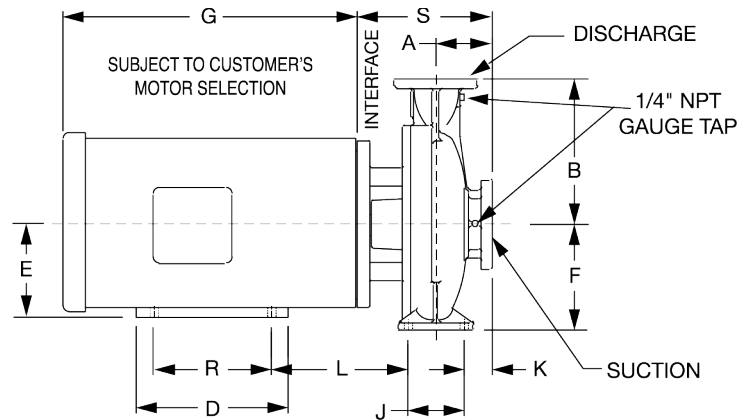
OPERATING SPECIFICATIONS

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

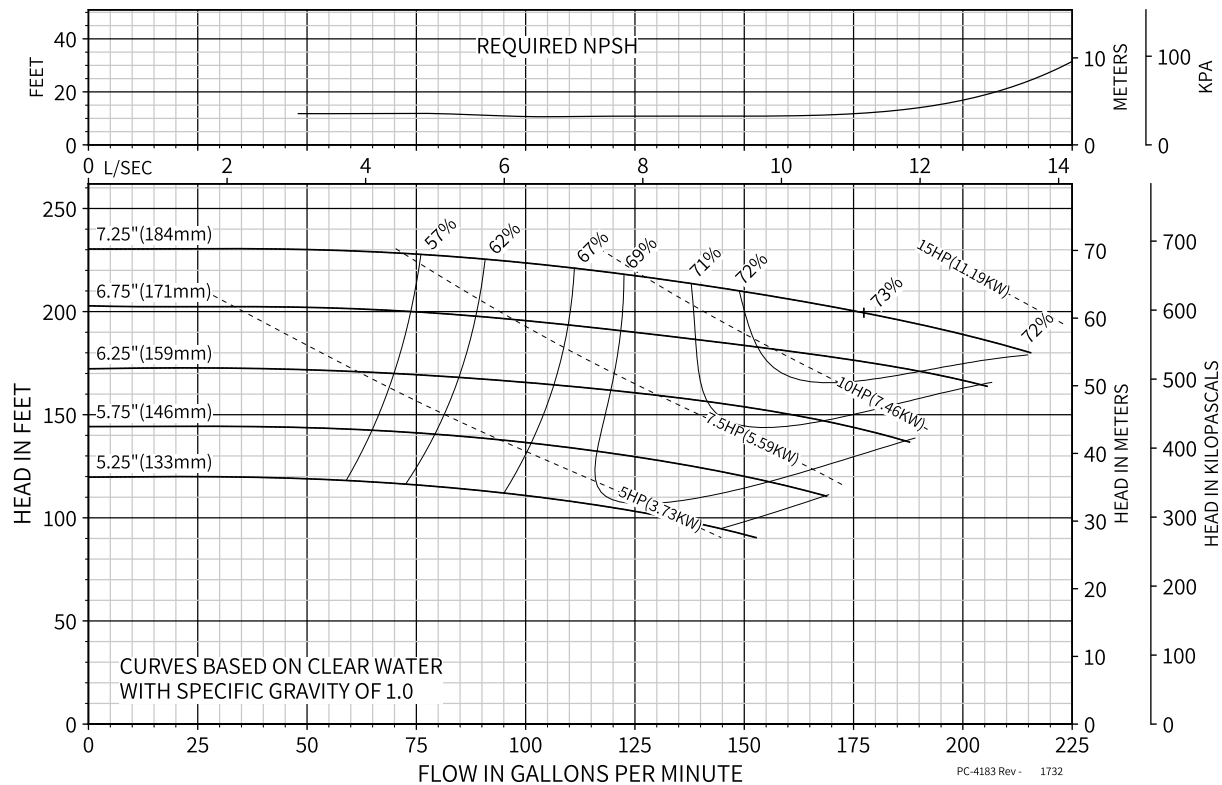


CI Series | Model: 1207D | 3500 RPM

Curve No. 4183 | Min. Imp. Dia. 5.25" | Size 2x1.25x7.25 | February 04, 2020

Comfort Solutions
A Taco Family Company

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



COMMENTS