

CI Series Pump | Submittal Data

Submittal No: 301-2438D | Model: 5007D | RPM: 1450 - 50 Hz | Effective: August 2, 2023 | Supersedes: February 25, 2022

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 5007D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 5007D

Flange Size (Suction x Discharge) | 6 x 5 (152 x 127)

HORSEPOWER		3	5
ODP	MOTOR FRAME	182JM	184JM
	G MAX	15.30 (389)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	266 (121)	
TEFC	MOTOR FRAME	182JM	184JM
	G MAX	15.30 (389)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	266 (121)	
A		ANSI Class 125: 5.25 (133)	
		ANSI Class 250: 5.74 (146)	
B		ANSI Class 125: 10.5 (267)	
		ANSI Class 250: 11.44 (291)	
C (MOTOR)		7.5 (191)	
D		6.5 (165)	
E		4.50 (114)	
F		9.84 (250)	
H (PUMP)		12.4 (315)	
J		4.72 (120)	
K		ANSI Class 125: 3.2 (81)	
		ANSI Class 250: 3.38 (86)	
L		6.50 (165)	
N (PUMP)		0.56 (14)	
P		0.41 (10)	
R		4.5 (115)	5.5 (140)
S		ANSI Class 125: 10.51 (267)	
		ANSI Class 250: 11.09 (282)	

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Pump + Motor	CI5007D-4P-PM	PEI _d	0.96†	4†

†PEI/ER values based on 60Hz test.

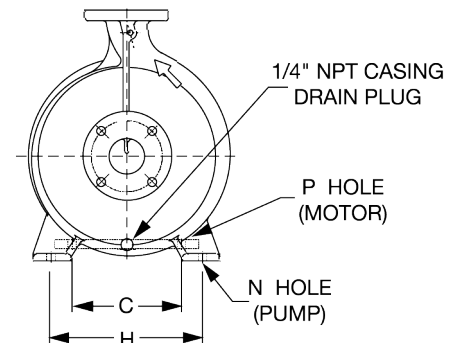
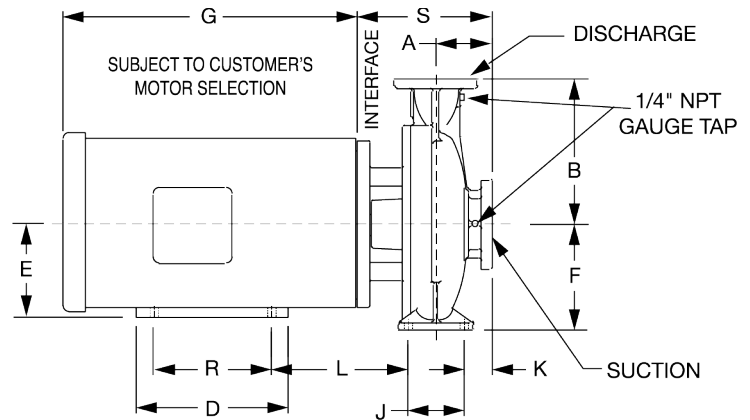
OPERATING SPECIFICATIONS

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	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

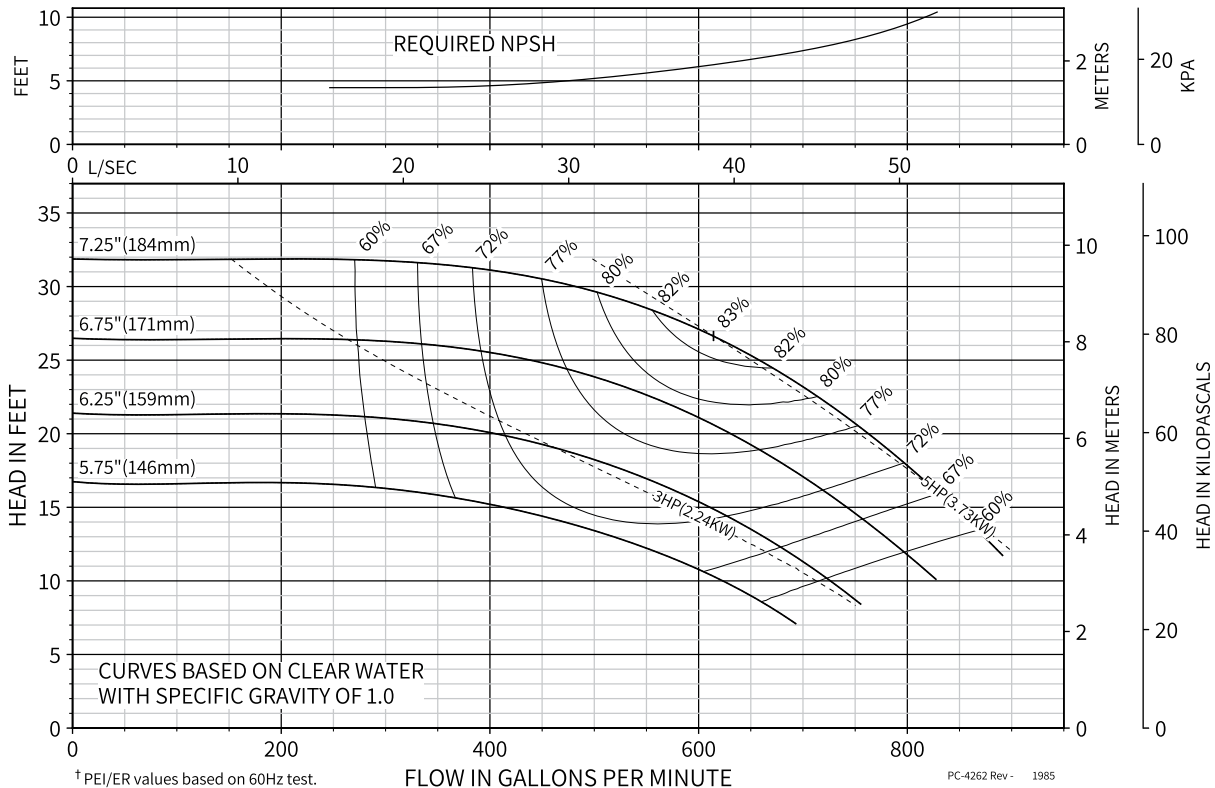
N/A - Not Available



CI Series | Model: 5007D | 1450 RPM

Curve No. 4262 | Min. Imp. Dia. 5.75" | Size 6x5x7.25 | February 23, 2022

Energy Efficiency Rating: DOE Basic Model Number: CI5007D-4P-PM
Pump & Motor: PE_{CL} : 0.96[†] | ER_{CL} : 4[†]



COMMENTS