

CI Series Pump | Submittal Data

Submittal No: 301-1354D | Model: 5007D | RPM: 1160 - 60 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 1160

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 5007D

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

HORSEPOWER		1.5	2	3
ODP	MOTOR FRAME	182JM	184JM	213JM
	G MAX	15.30 (389)		16.63 (423)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	266 (121)		346 (157)
TEFC	MOTOR FRAME	182JM	184JM	213JM
	G MAX	15.30 (389)		16.63 (423)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	266 (121)		346 (157)
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)		8.5 (216)
D		6.5 (165)		8.0 (203)
E		4.50 (114)		5.25 (133)
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)		7.49 (190)
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
Bare Pump	N/A	PEI _d	N/A	N/A
Pump + Motor	N/A	PEI _d	N/A	N/A

N/A=NOT WITHIN DOE SCOPE

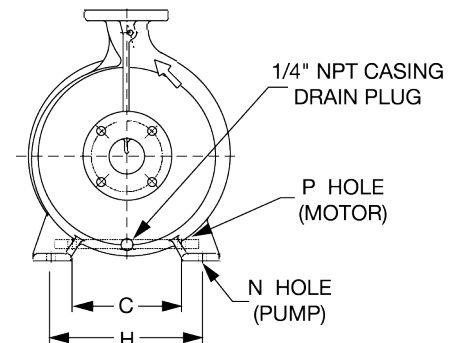
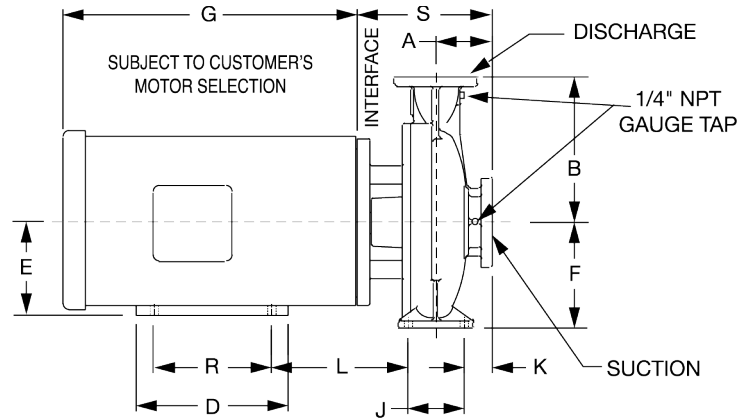
OPERATING SPECIFICATIONS

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

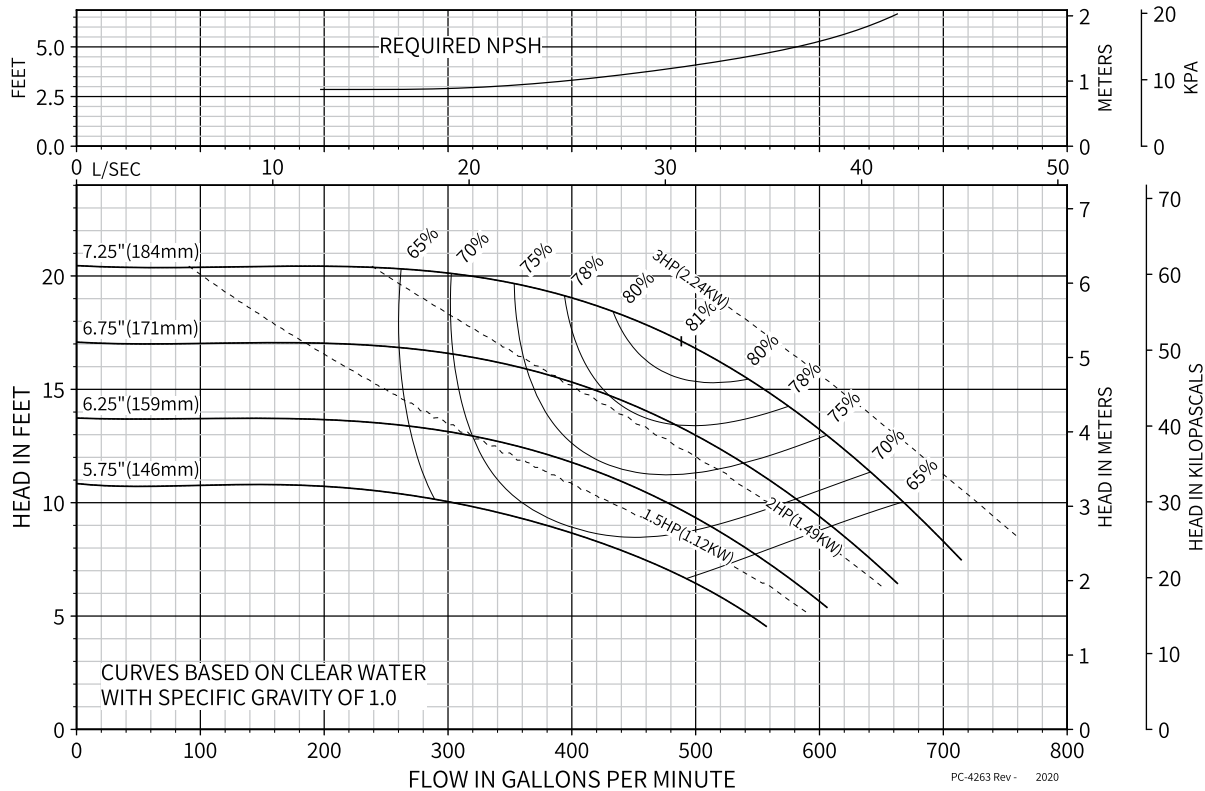
N/A - Not Available



CI Series | Model: 5007D | 1160 RPM

Curve No. 4263 | Min. Imp. Dia. 5.75" | Size 6x5x7.25 | February 28, 2022

Energy Efficiency Rating: DOE Basic Model Number: N/A @1160RPM
Pump & Motor: PEI_{CL}: N/A @1160RPM



COMMENTS