

CI Series Pump | Submittal Data

Submittal No: 301-1376D | Model: 4007D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: December 31, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 4007D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 4007D
Flange Size (Suction x Discharge) | 5 x 4 (127 x 102)

HORSEPOWER		2	3	5
ODP	MOTOR FRAME	145JM	182JM	184JM
	G MAX	11.15 (283)	13.76 (349)	15.26 (388)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	192 (87)	244 (111)	
TEFC	MOTOR FRAME	145JM	182JM	184JM
	G MAX	11.15 (283)	13.76 (349)	15.26 (388)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	192 (87)	244 (111)	
A		ANSI Class 125: 5.56 (141)		
		ANSI Class 250: 6.00 (152)		
B		ANSI Class 125: 10.50 (267)		
		ANSI Class 250: 10.81 (275)		
C (MOTOR)		5.5 (140)	7.5 (191)	
D		5.94 (151)	6.50 (165)	
E		3.50 (89)	4.50 (114)	
F		9.84 (250)		
H (PUMP)		12.40 (315)		
J		4.72 (120)		
K		ANSI Class 125: 3.20 (81)		
		ANSI Class 250: 3.64 (92)		
L		5.47 (139)	6.09 (155)	
N (PUMP)		0.56 (14)		
P		0.34 (9)	0.41 (10)	
R		5.0 (127)	4.50 (115)	5.50 (140)
S		ANSI Class 125: 10.51 (267)		
		ANSI Class 250: 10.95 (279)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI4007D-4P-BP	PEI _d	0.92†	8†
Pump + Motor	CI4007D-4P-PM	PEI _d	0.92†	8†

†PEI/ER values based on 60Hz test.

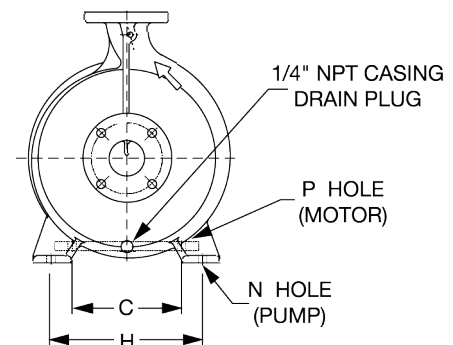
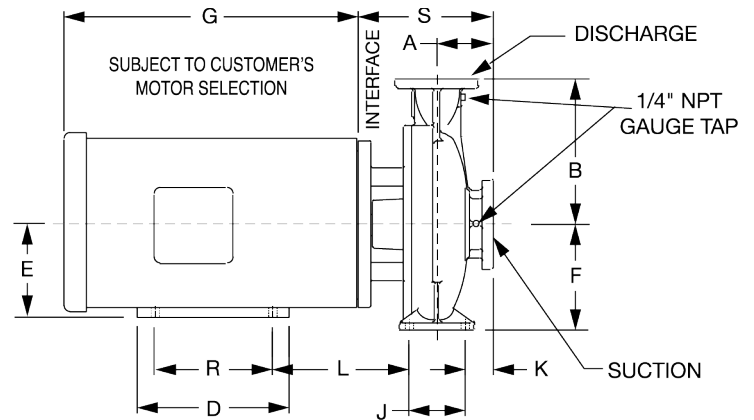
OPERATING SPECIFICATIONS

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)

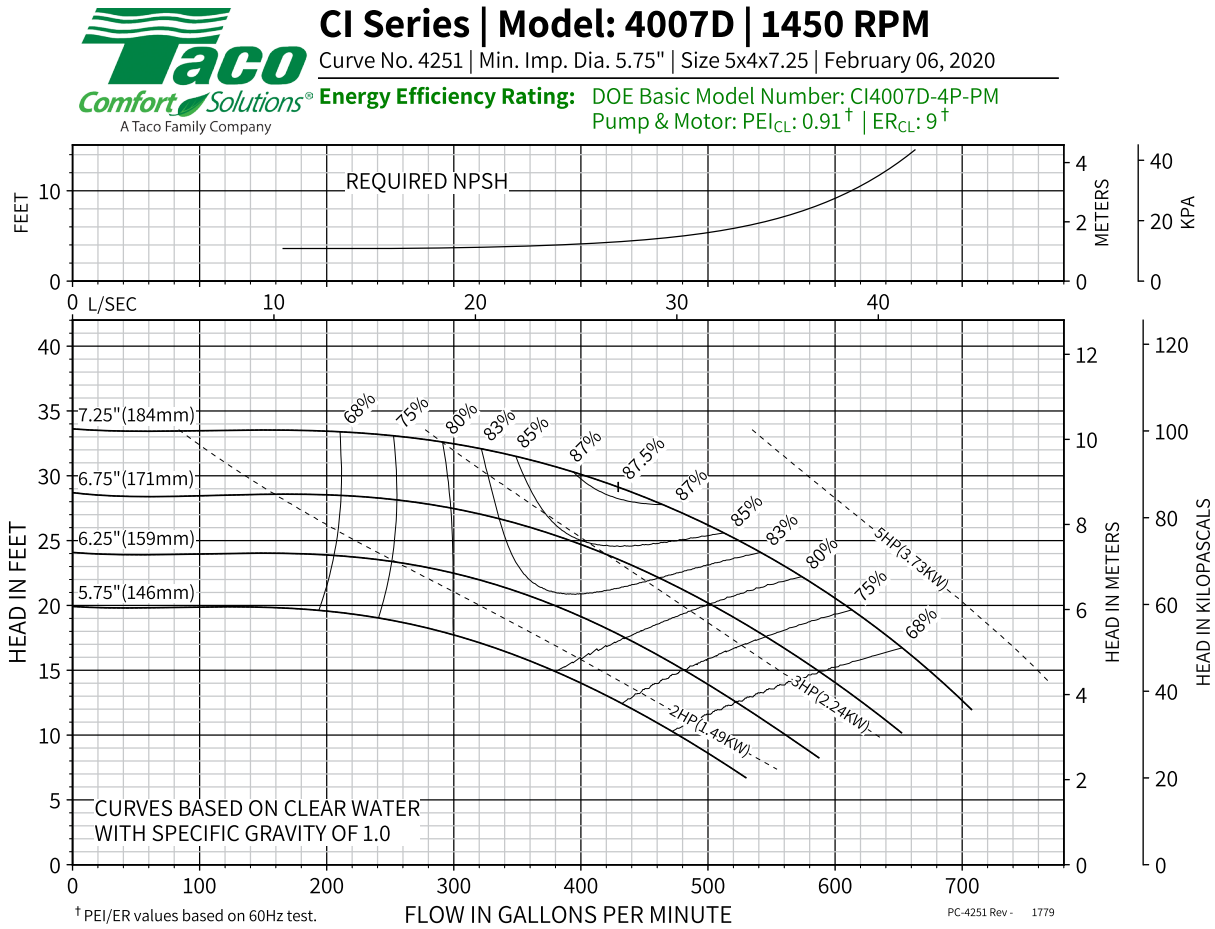
* In accordance with ANSI Standard B16.1 Class 125

** 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



COMMENTS