

CI Series Pump | Submittal Data

Submittal No: 301-2422D | Model: 4009D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 4009D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 4009D

Flange Size (Suction x Discharge) | 5 x 4 (127 x 102)

HORSEPOWER		5	7.5	10
ODP	MOTOR FRAME	184JM	213JM	215JM
	G MAX	15.26 (388)	15.47 (393)	16.60 (422)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	281 (127)	361 (164)	
TEFC	MOTOR FRAME	184JM	213JM	215JM
	G MAX	15.26 (388)	16.64 (423)	18.11 (460)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	281 (127)	361 (164)	
A		ANSI Class 125: 5.31 (135)		
		ANSI Class 250: 5.75 (146)		
B		ANSI Class 125: 12.5 (318)		
		ANSI Class 250: 12.81 (325)		
C (MOTOR)		7.5 (191)	8.5 (216)	
D		6.5 (165)	8.0 (203)	
E		4.5 (114)	5.25 (133)	
F		9.84 (250)		
H (PUMP)		12.4 (315)		
J		4.72 (120)		
K		ANSI Class 125: 2.95 (75)		
		ANSI Class 250: 3.39 (86)		
L		5.66 (144)	6.92 (176)	
N (PUMP)		0.75 (19)		
P		0.41 (10)		
R		5.5 (140)		7.0 (178)
S		ANSI Class 125: 9.83 (250)		
		ANSI Class 250: 10.27 (261)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI4009D-4P-BP	PEI _d	0.92†	8†
Pump + Motor	CI4009D-4P-PM	PEI _d	0.92†	8†

†PEI/ER values based on 60Hz test.

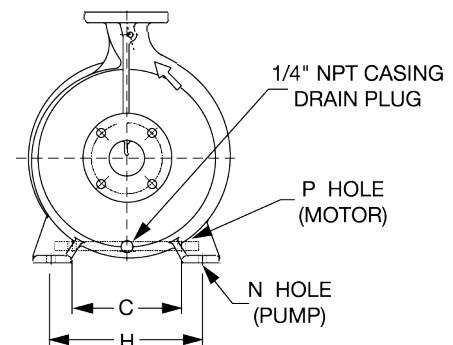
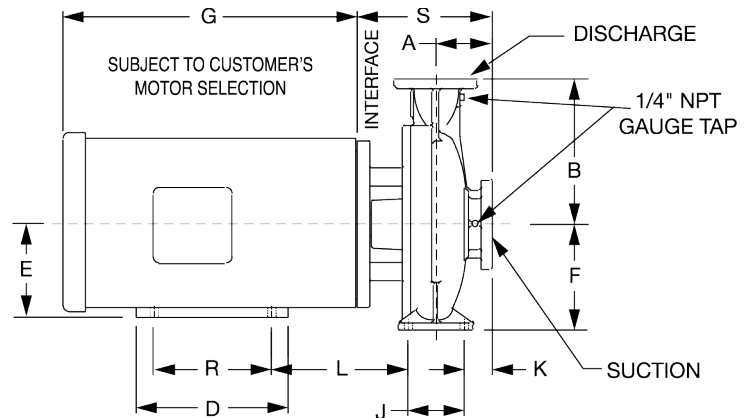
OPERATING SPECIFICATIONS

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

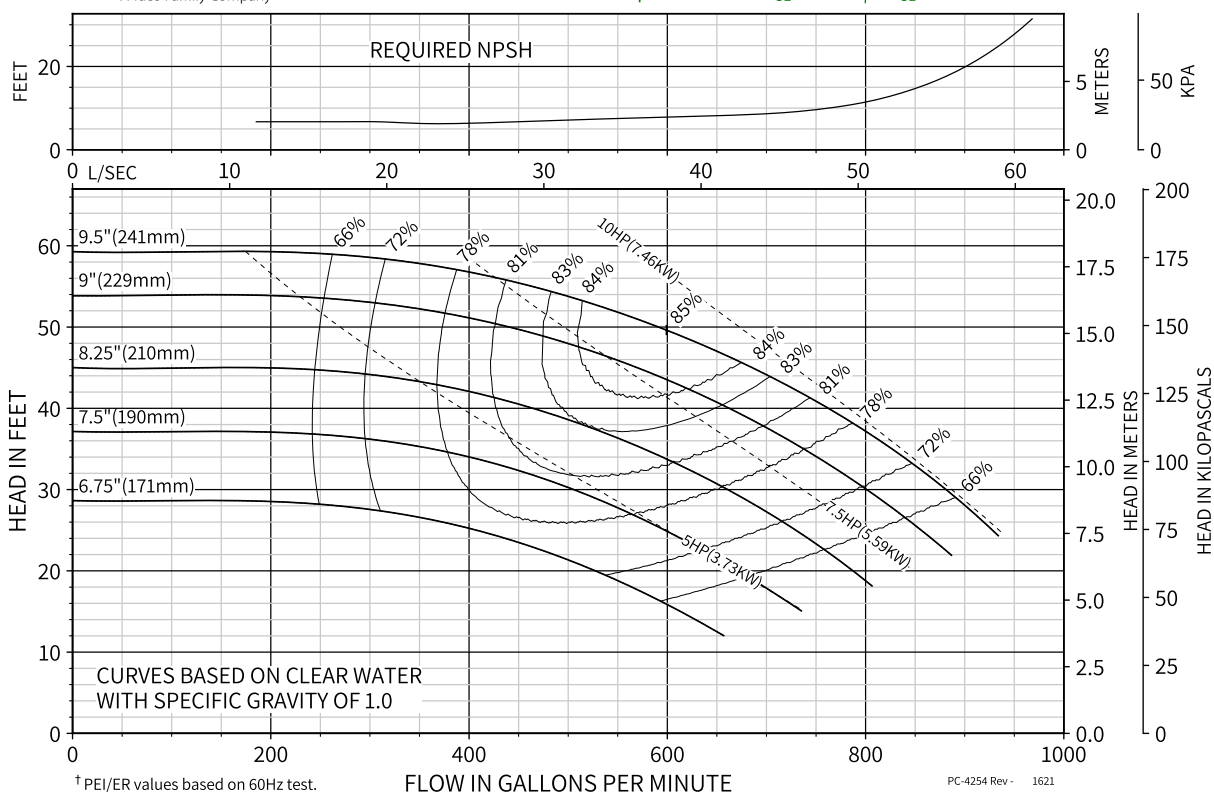
N/A - Not Available



CI Series | Model: 4009D | 1450 RPM

Curve No. 4254 | Min. Imp. Dia. 6.75" | Size 5x4x9.5 | February 03, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI4009D-4P-PM
Pump & Motor: PE_{CL} : 0.92[†] | ER_{CL} : 8[†]



COMMENTS