

CI Series Pump | Submittal Data

Submittal No: 301-2438D | Model: 5009D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 5009D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 5009D

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

HORSEPOWER		5	7.5	10	15
ODP	MOTOR FRAME	184JM	213JM	215JM	254JM
	G MAX	15.26 (388)	15.47 (393)	16.60 (422)	19.44 (494)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	316 (143)	396 (179)		492 (223)
TEFC	MOTOR FRAME	184JM	213JM	215JM	254JM
	G MAX	15.26 (388)	16.64 (423)	18.11 (460)	20.05 (509)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	316 (143)	396 (179)		492 (223)
A		ANSI Class 125: 5.31 (135)			
		ANSI Class 250: 5.75 (146)			
B		ANSI Class 125: 14.0 (356)			
		ANSI Class 250: 14.44 (367)			
C (MOTOR)		7.5 (191)	8.5 (216)		10.0 (254)
D		8.5 (216)	8.0 (203)		9.5 (241)
E		4.50 (114)	5.25 (133)		6.25 (159)
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		6.25 (159)	7.5 (190)		8.67 (220)
N (PUMP)		0.75 (19)			
P		0.41 (10)			0.53 (13)
R		5.5 (140)		7.0 (178)	8.25 (210)
S		ANSI Class 125: 10.42 (265)			ANSI Class 125: 11.34 (288)
		ANSI Class 250:10.86 (276)			ANSI Class 250: 11.78 (299)

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI5009D-4P-BP	PEI _d	0.92†	8†
Pump + Motor	CI5009D-4P-PM	PEI _d	0.92†	8†

†PEI/ER values based on 60Hz test.

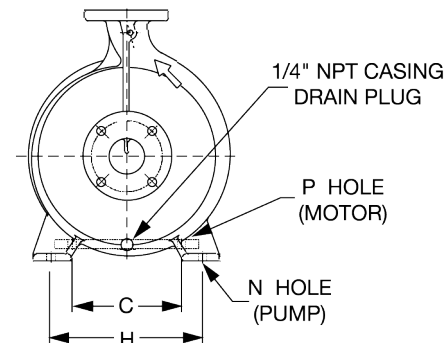
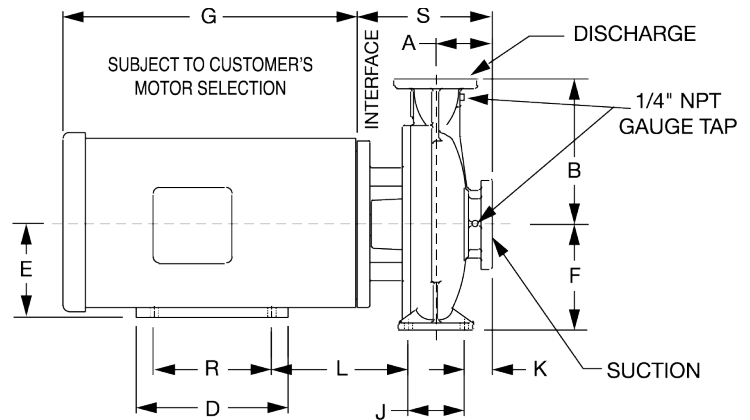
OPERATING SPECIFICATIONS

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

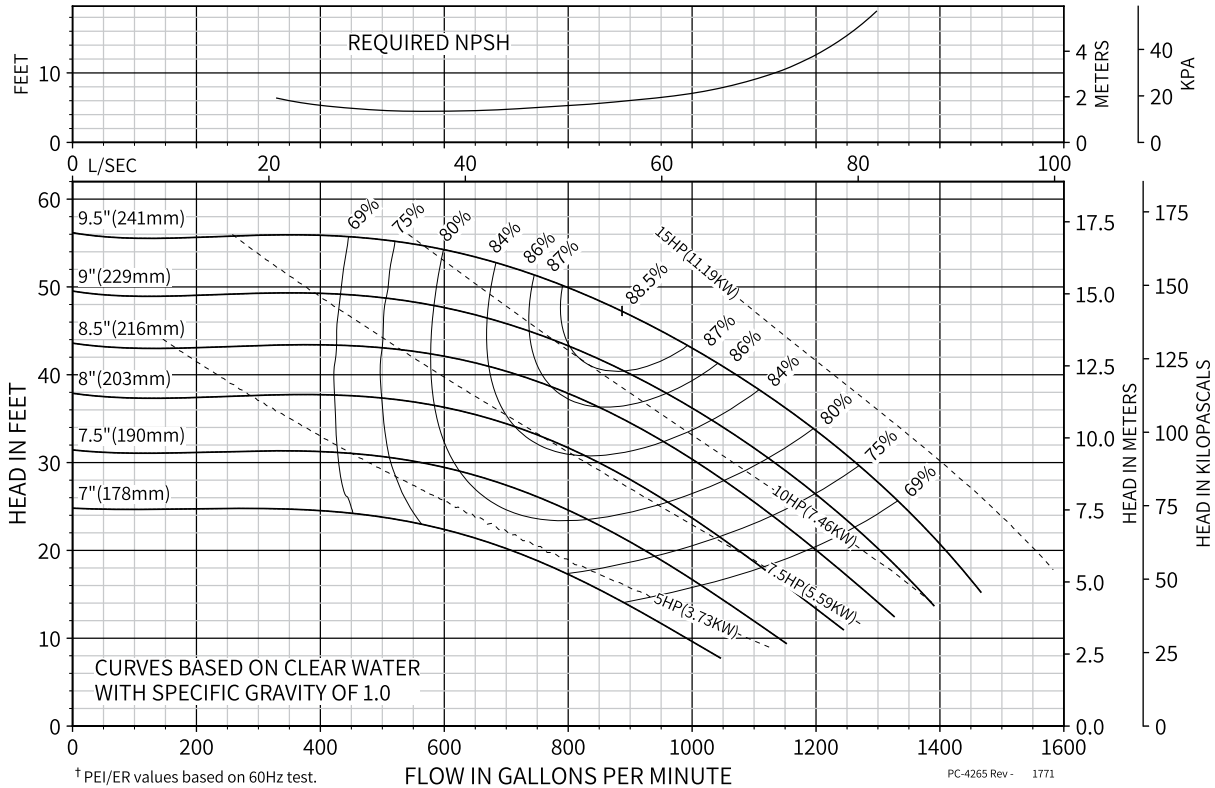
N/A - Not Available



CI Series | Model: 5009D | 1450 RPM

Curve No. 4265 | Min. Imp. Dia. 7.0" | Size 6x5x9.5 | February 04, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI5009D-4P-PM
Pump & Motor: $PE_{CL}: 0.92^{\dagger}$ | $ER_{CL}: 8^{\dagger}$



COMMENTS