

CI Series Pump | Submittal Data

Submittal No: 301-2138D | Model: 2009D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 2009D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 2009D

Flange Size (Suction x Discharge) | 2 1/2 x 2 (64 x 51)

HORSEPOWER		1.5	2	3	5
ODP	MOTOR FRAME	145JM	182JM	184JM	
	G MAX	11.15 (283)	13.76 (350)	15.26 (388)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	163 (74)	215 (97)		
TEFC	MOTOR FRAME	145JM	182JM	184JM	
	G MAX	11.15 (283)	13.76 (350)	15.26 (388)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	163 (74)	215 (97)		
A		ANSI Class 125: 4.60 (117)			
		ANSI Class 250: 4.91 (125)			
B		ANSI Class 125: 9.75 (248)			
		ANSI Class 250: 10 (254)			
C (MOTOR)		5.5 (140)	7.5 (191)		
D		5.94 (151)	6.50 (165)		
E		3.50 (89)	4.50 (114)		
F		7.09 (180)			
H (PUMP)		9.84 (250)			
J		3.75 (95)			
K		ANSI Class 125: 2.73 (69)			
		ANSI Class 250: 3.04 (77)			
L		5.26 (134)	5.88 (149)		
N (PUMP)		0.56 (14)			
P		0.34 (9)	0.41 (10)		
R		5.00 (127)	4.50 (114)	5.50 (140)	
S		ANSI Class 125: 8.85 (225)			
		ANSI Class 250: 9.16 (233)			

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI2009D-4P-BP	PEI _d	0.84†	16†
Pump + Motor	CI2009D-4P-PM	PEI _d	0.84†	16†

†PEI/ER values based on 60Hz test.

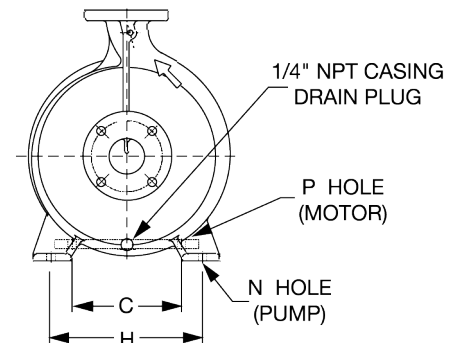
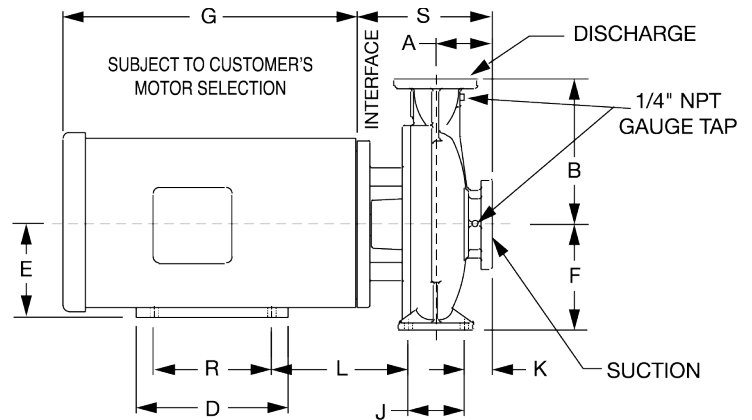
OPERATING SPECIFICATIONS

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	BRONZE FITTED	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
STANDARD CONSTRUCTION	NSF 61	125# FLANGE	Cast Iron ASTM A48/A48M-03 Class 30A	Cast Iron ASTM A48/A48M-03 Class 30A	Stainless Steel ASTM A351/A 351M-08	N/A	Carbon Steel	Bronze ASTM B584-98A C92200	Ceramic/EPT	Copper & Brass C3600
		250# FLANGE	Ductile Iron ASTM A536-84 Grade: 65-45-12	Cast Iron ASTM A48/A48M-03 Class 30A	Stainless Steel ASTM A351/A 351M-08	N/A	Carbon Steel	Bronze ASTM B584-98A C92200	Ceramic/EPT	Copper & Brass C3600
OPTIONAL		125# OR 250#	N/A	N/A	N/A	Bronze ASTM B584-98A C92200	N/A	N/A	N/A	N/A

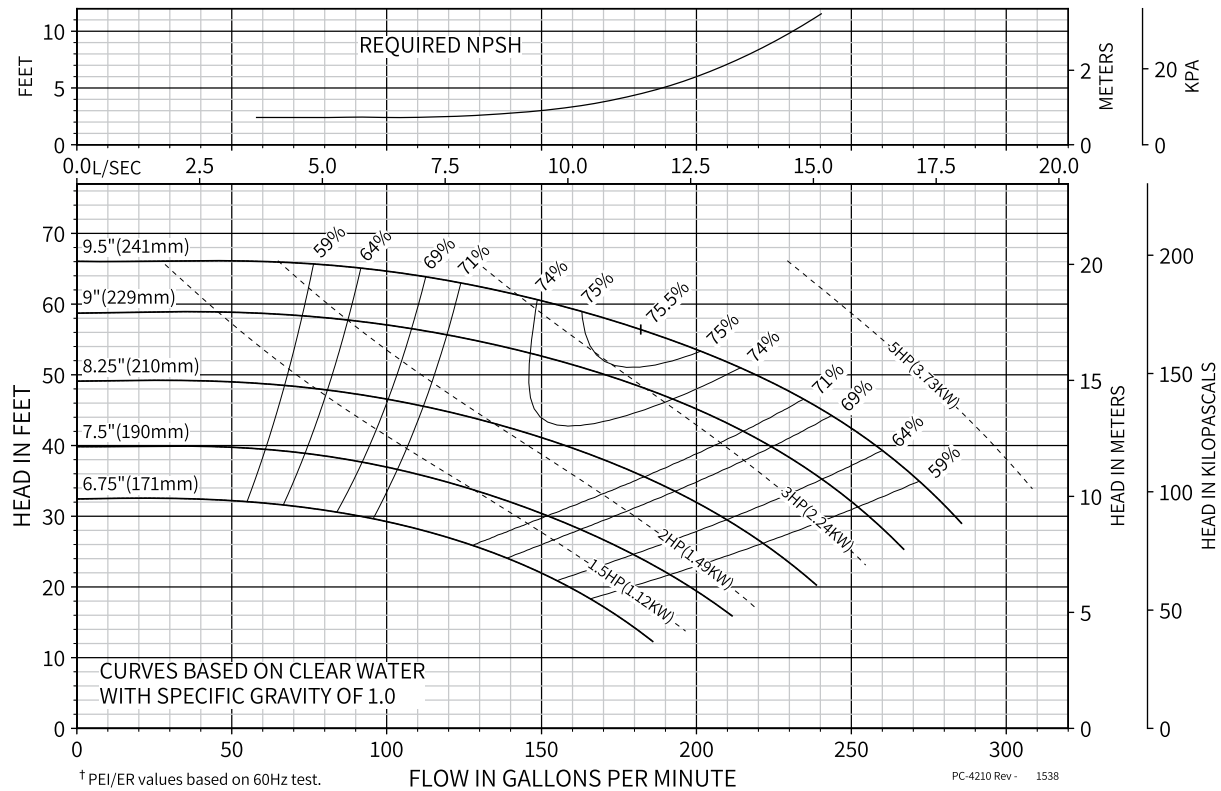
N/A - Not Available



CI Series | Model: 2009D | 1450 RPM

Curve No. 4210 | Min. Imp. Dia. 6.75" | Size 2.5x2x9.5 | February 03, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI2009D-4P-PM
Pump & Motor: PEI_{CL}: 0.84[†] | ER_{CL}: 16[†]



COMMENTS