

CI Series Pump | Submittal Data

Submittal No: 301-1730D | Model: 6009D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 6009D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 6009D

Flange Size (Suction x Discharge) | 8 x 6 (203 x 152)

HORSEPOWER		10	15	20	25
ODP	MOTOR FRAME	215JM	254JM	256JM	284JM
	G MAX	16.60 (422)	19.44 (494)		21.31 (541)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	440 (200)	535 (243)		685 (311)
TEFC	MOTOR FRAME	215JM	254JM	256JM	284JM
	G MAX	18.11 (460)	20.05 (509)		23.39 (594)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	440 (200)	535 (243)		685 (311)
A		ANSI Class 125: 6.10 (155)			
		ANSI Class 250: 6.60 (168)			
B		ANSI Class 125: 14.0 (356)			
		ANSI Class 250: 14.44 (367)			
C (MOTOR)		8.5 (216)	10.0 (254)		11.0 (279)
D		8.0 (203)	9.5 (241)	11.75 (298)	10.75 (273)
E		5.25 (133)	6.25 (159)		7.0 (178)
F		9.84 (250)			
H (PUMP)		12.4 (315)			
J		4.72 (120)			
K		ANSI Class 125: 3.74 (95)			
		ANSI Class 250: 4.24 (108)			
L		8.33 (212)	9.20 (234)		
N (PUMP)		0.56 (14)			
P		0.41 (10)	0.53 (13)		
R		7.0 (178)	8.25 (210)	10.0 (254)	9.5 (241)
S		ANSI Class 125: 12.04 (306)		ANSI Class 125: 12.66 (322)	
		ANSI Class 250: 12.54 (318)		ANSI Class 250: 13.16 (334)	

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI6009D-4P-BP	PEI _d	0.93 [†]	7 [†]
Pump + Motor	CI6009D-4P-PM	PEI _d	0.93 [†]	7 [†]

[†]PEI/ER values based on 60Hz test.

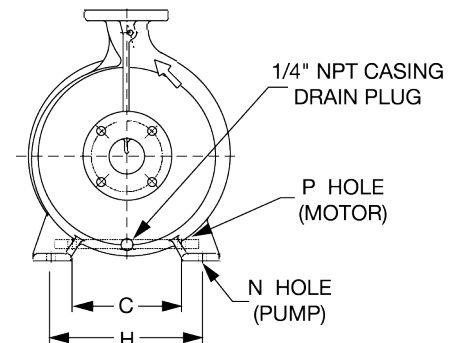
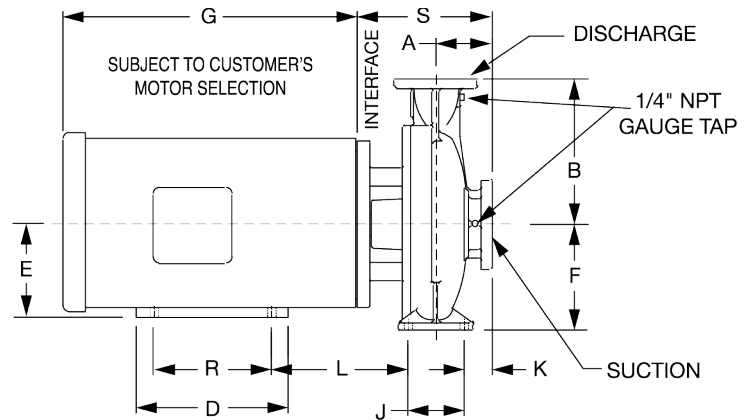
OPERATING SPECIFICATIONS

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

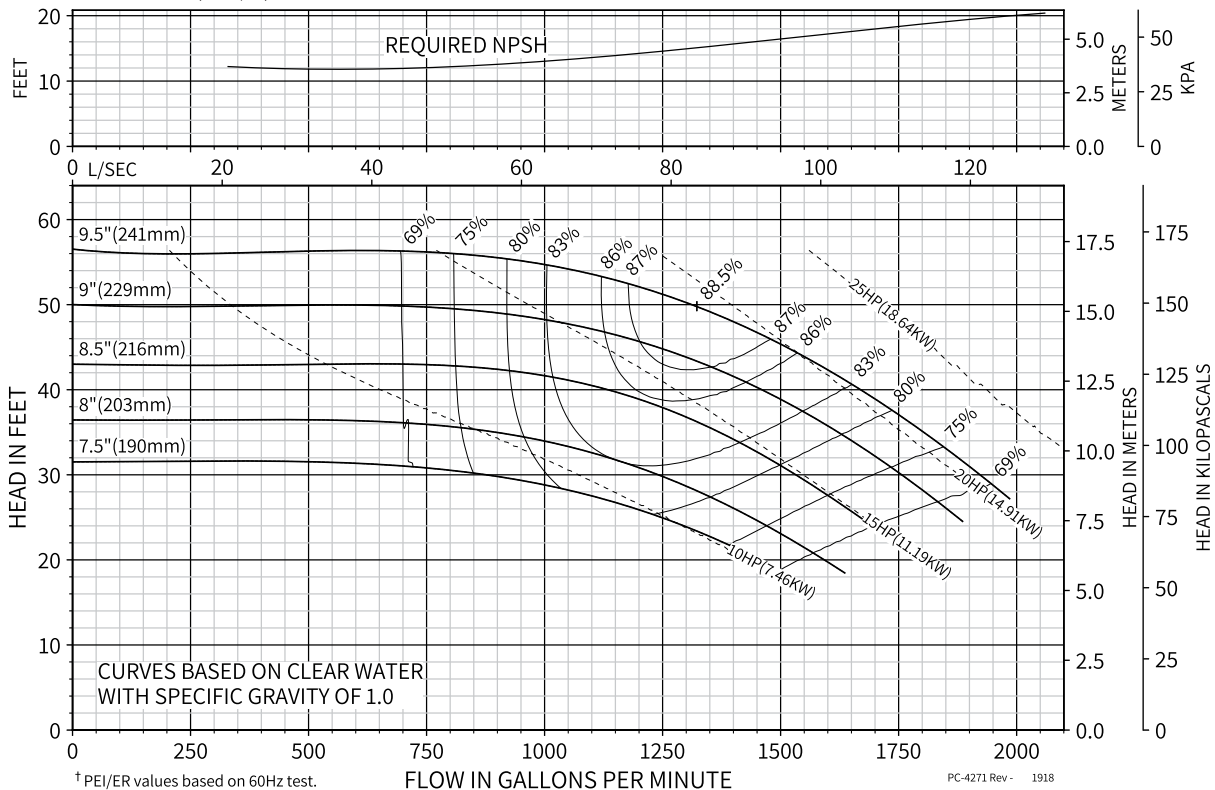
N/A - Not Available



CI Series | Model: 6009D | 1450 RPM

Curve No. 4271 | Min. Imp. Dia. 7.5" | Size 8x6x9.5 | February 12, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI6009D-4P-PM
Pump & Motor: PE_{CL}: 0.93[†] | ER_{CL}: 7[†]



COMMENTS