

CI Series Pump | Submittal Data

Submittal No: 301-1729D | Model: 6009D | RPM: 1760 - 60 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 1760

WEIGHT _____ PUMP/MOTOR _____

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

DIMENSIONS

Model No. | 6009D

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

HORSEPOWER		20	25	30	40
ODP	MOTOR FRAME	256JM	284JM	286JM	324JM
	G MAX	19.44 (494)	21.31 (541)	21.69 (551)	22.19 (564)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	535 (243)	685 (311)		985 (447)
TEFC	MOTOR FRAME	256JM	284JM	286JM	324JM
	G MAX	20.05 (509)	23.39 (594)		25.4 (645)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	535 (243)	685 (311)		985 (447)
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)		10.0 (254)	11.0 (279)		12.5 (318)
D		11.75 (298)	10.75 (273)	12.25 (311)	12.00 (305)
E		6.25 (159)	7.0 (178)		8.0 (203)
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		9.20 (234)			9.70 (246)
N (PUMP)		0.56 (14)			
P		0.53 (13)			0.66 (17)
R		10.0 (254)	9.5 (241)	11.0 (279)	10.5 (267)
S		ANSI Class 125: 12.66 (322)			
		ANSI Class 250: 13.16 (334)			

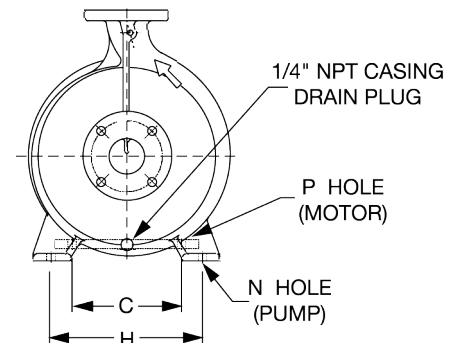
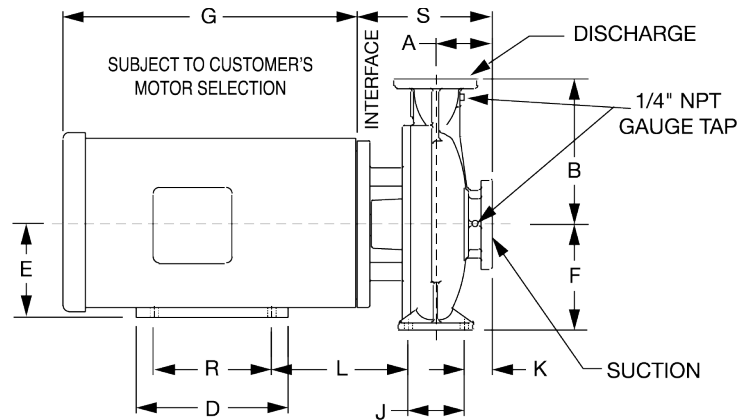
OPERATING SPECIFICATIONS

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

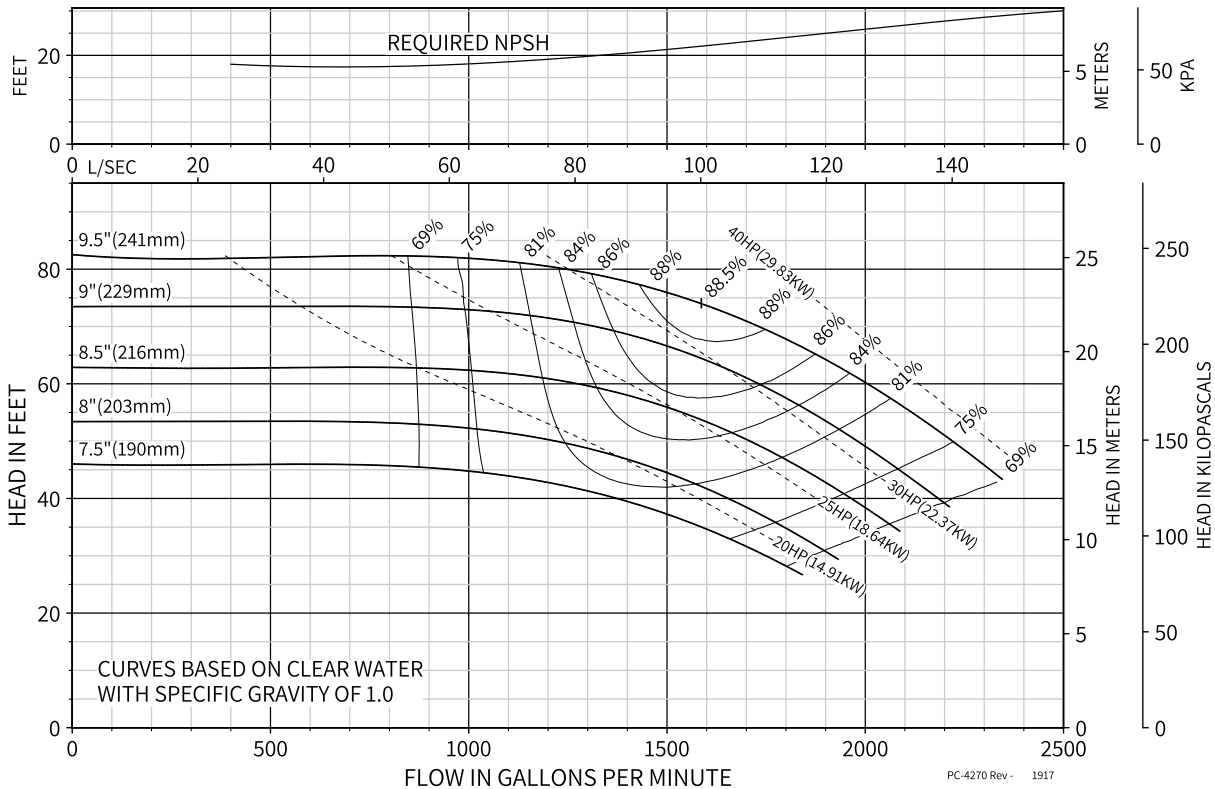
N/A - Not Available



CI Series | Model: 6009D | 1760 RPM

Curve No. 4270 | 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