

CI Series Pump | Submittal Data

Submittal No: 301-2428D | Model: 3009D | RPM: 3500 - 60 Hz | Effective: January 27, 2020 | Supersedes: December 31, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 3009D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 3500

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 3009D

Flange Size (Suction x Discharge) | 4 x 3 (102 x 76)

HORSEPOWER		40		50		60
ODP	MOTOR FRAME	286JM		324JM		326JM
	G MAX	21.69 (551)		22.19 (564)		22.69 (576)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	609 (276)		861 (391)		861 (391)
TEFC	MOTOR FRAME		324JM		326JM	N/A
	G MAX		25.40 (645)		25.40 (645)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)		861 (391)		861 (391)	
A		ANSI Class 125: 4.73 (120)				
		ANSI Class 250: 5.04 (128)				
B		ANSI Class 125: 10.0 (254)				
		ANSI Class 250: 10.37 (263)				
C (MOTOR)		11.0 (279)	12.50 (318)			
D		12.25 (311)	12.00 (305)		13.50 (343)	
E		7.00 (178)	8.00 (203)			
F		7.09 (180)				
H (PUMP)		9.84 (250)				
J		3.76 (96)				
K		ANSI Class 125: 2.85 (72)				
		ANSI Class 250: 3.16 (80)				
L		8.51 (216)	9.01 (229)			
N (PUMP)		0.56 (14)				
P		0.53 (13)	0.66 (17)			
R		11.0 (279)	10.50 (267)		12.0 (305)	
S		ANSI Class 125: 10.12 (257)				
		ANSI Class 250: 10.43 (265)				

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI3009D-2P-BP	PEI _d	0.93	7
Pump + Motor	CI3009D-2P-PM	PEI _d	0.93	7

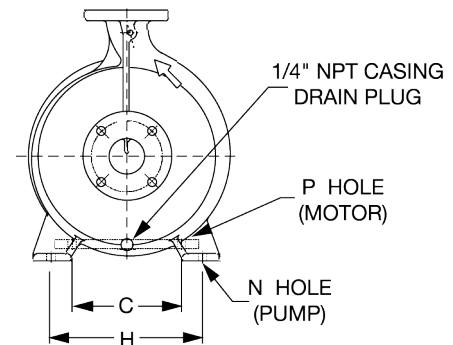
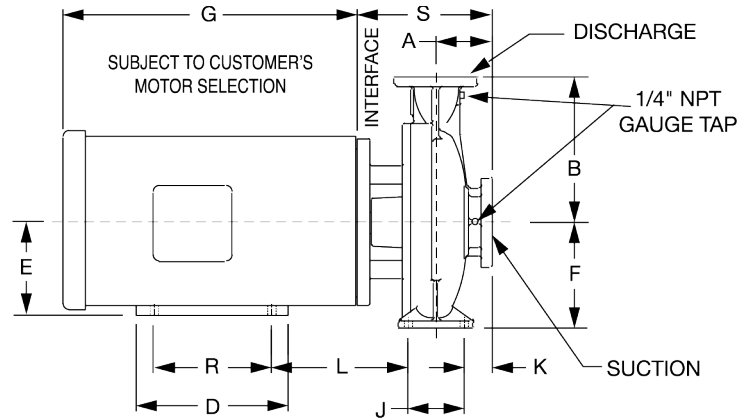
OPERATING SPECIFICATIONS

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

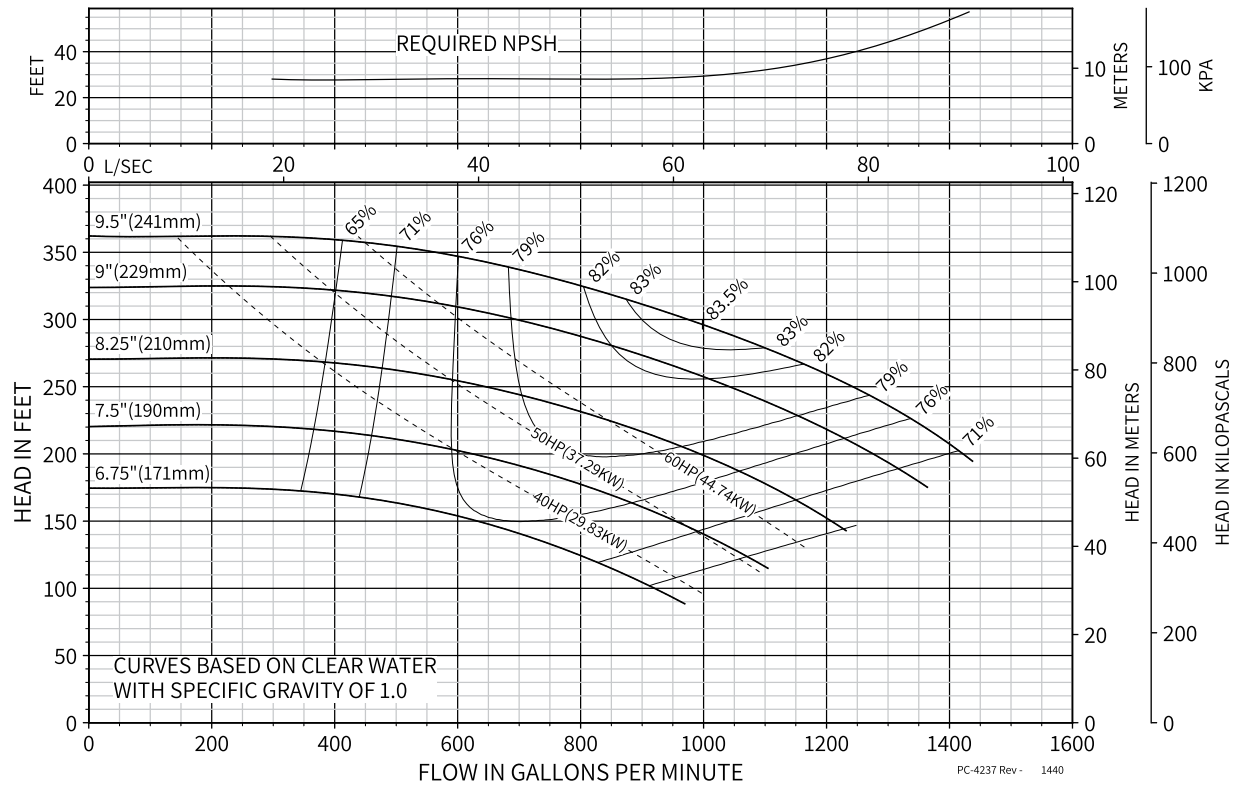
N/A - Not Available



CI Series | Model: 3009D | 3500 RPM

Curve No. 4237 | Min. Imp. Dia. 6.75" | Size 4x3x9.5 | January 30, 2020

Energy Efficiency Rating: DOE Basic Model Number: CI3009D-2P-PM
Pump & Motor: PE_{CL}: 0.93 | ER_{CL}: 7



COMMENTS