

CI Series Pump | Submittal Data

Submittal No: 301-2429D | Model: 3009D | RPM: 1450 - 50 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 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 3009D

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

HORSEPOWER		3	5	7.5	10
ODP	MOTOR FRAME	182JM	184JM	213JM	215JM
	G MAX	13.76 (349)	15.26 (388)	15.47 (393)	16.60 (422)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	234 (106)		314 (142)	
TEFC	MOTOR FRAME	182JM	184JM	213JM	215JM
	G MAX	13.76 (349)	15.26 (388)	16.64 (423)	18.11 (460)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	234 (106)		314 (142)	
A		ANSI Class 125: 4.73 (120)			
		ANSI Class 250: 5.04 (128)			
B		ANSI Class 125: 10.00 (254)			
		ANSI Class 250: 10.37 (263)			
C (MOTOR)		7.5 (191)		8.5 (216)	
D		6.50 (165)		8.0 (203)	
E		4.50 (114)		5.25 (133)	
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		6.09 (155)		7.34 (186)	
N (PUMP)		0.56 (14)			
P		0.41 (10)			
R		4.50 (114)	5.50 (140)		7.00 (178)
S		ANSI Class 125: 9.20 (234)			
		ANSI Class 250: 9.51 (241)			

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI3009D-4P-BP	PEI _d	0.93 [†]	7 [†]
Pump + Motor	CI3009D-4P-PM	PEI _d	0.93 [†]	7 [†]

[†]PEI/ER values based on 60Hz test.

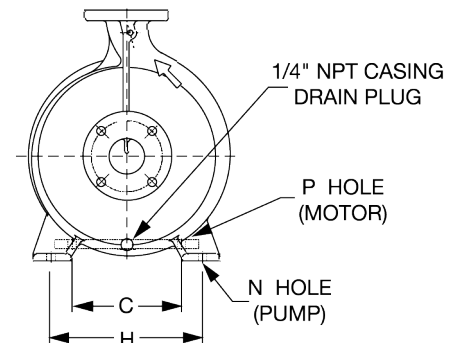
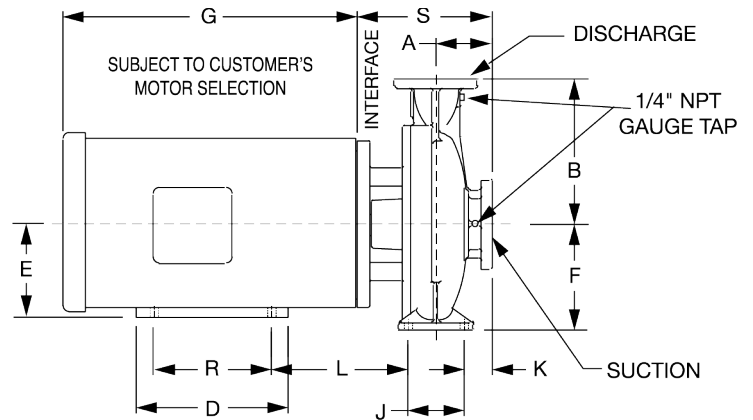
OPERATING SPECIFICATIONS

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	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

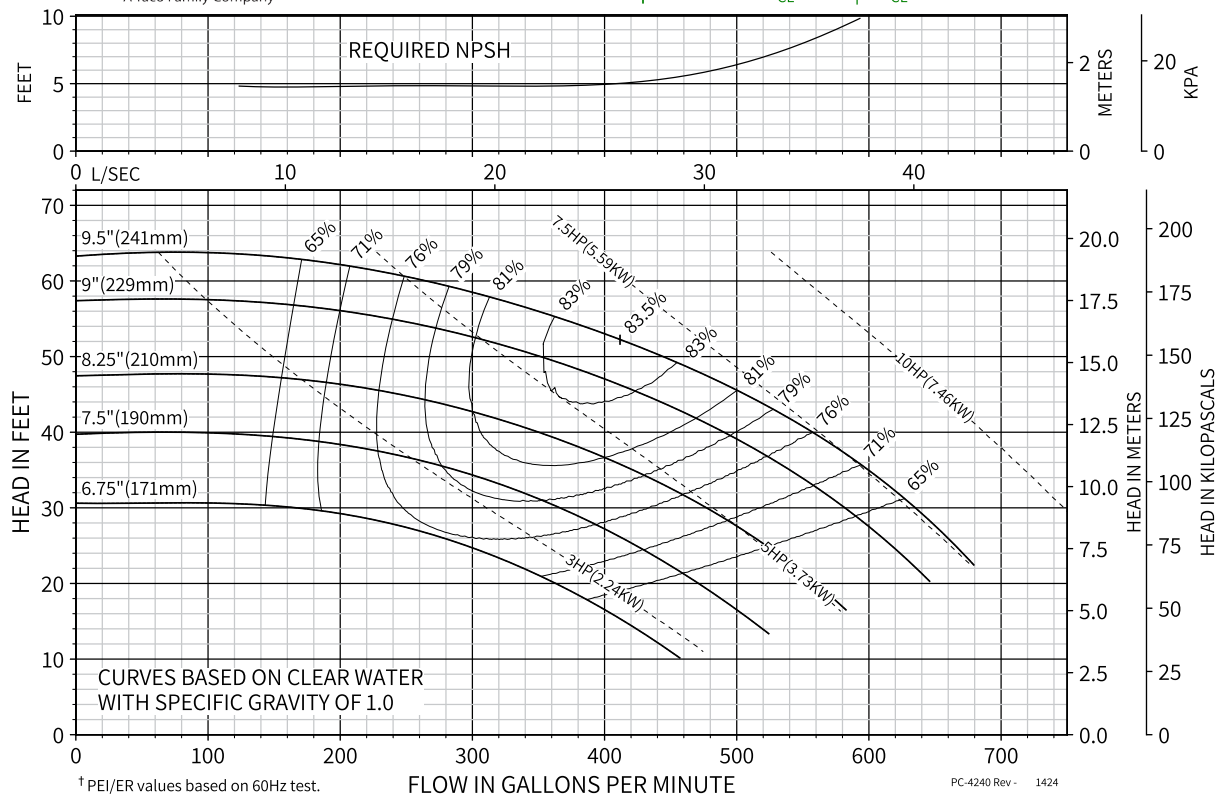


CI Series | Model: 3009D | 1450 RPM

Curve No. 4240 | Min. Imp. Dia. 6.75" | Size 4x3x9.5 | January 29, 2020

Comfort Solutions®
A Taco Family Company

Energy Efficiency Rating: DOE Basic Model Number: CI3009D-4P-PM
Pump & Motor: PEI_{CL}: 0.9† | ER_{CL}: 10†



COMMENTS