

CI Series Pump | Submittal Data

Submittal No: 301-1391D I | Model: 3013D | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: December 31, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 3013D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 3013D
Flange Size (Suction x Discharge) | 4 x 3 (102 x 76)

HORSEPOWER		7.5	10	15	20	15
ODP	MOTOR FRAME	213JM	215JM	254JM	256JM	284JM
	G MAX	15.47 (393)	16.6 (422)	19.44 (494)		21.31 (541)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	446 (202)		627 (284)		742 (337)
TEFC	MOTOR FRAME	213JM	215JM	254JM	256JM	284JM
	G MAX	16.64 (423)	18.11 (460)	20.05 (509)		23.39 (594)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	446 (202)		627 (284)		742 (337)
A		ANSI Class 125: 4.72 (120)				
		ANSI Class 250: 5.03 (128)				
B		ANSI Class 125: 12.50 (318)				
		ANSI Class 250: 12.88 (327)				
C (MOTOR)		8.5 (216)		10.0 (254)		11.0 (279)
D		8.0 (203)		9.50 (241)	11.75 (298)	10.75 (273)
E		5.25 (133)		6.25 (159)		7.00 (178)
F		9.84 (250)				
H (PUMP)		12.40 (315)				
J		4.72 (120)				
K		ANSI Class 125: 2.36 (60)				
		ANSI Class 250: 2.67 (68)				
L		7.50 (191)		8.26 (210)		
N (PUMP)		0.56 (14)				
P		0.41 (10)		0.53 (13)		
R		5.50 (140)	7.00 (178)	8.25 (210)	10.0 (254)	9.5 (241)
S		ANSI Class 125: 9.83 (250)		ANSI Class 125: 10.35 (263)		
		ANSI Class 250: 10.14 (258)		ANSI Class 250: 10.66 (271)		

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI3013D-4P-BP	PEI _d	0.89†	11†
Pump + Motor	CI3013D-4P-PM	PEI _d	0.89†	11†

†PEI/ER values based on 60Hz test.

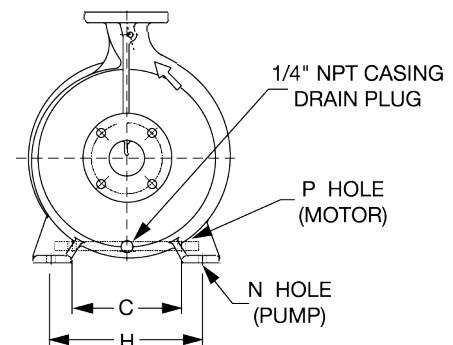
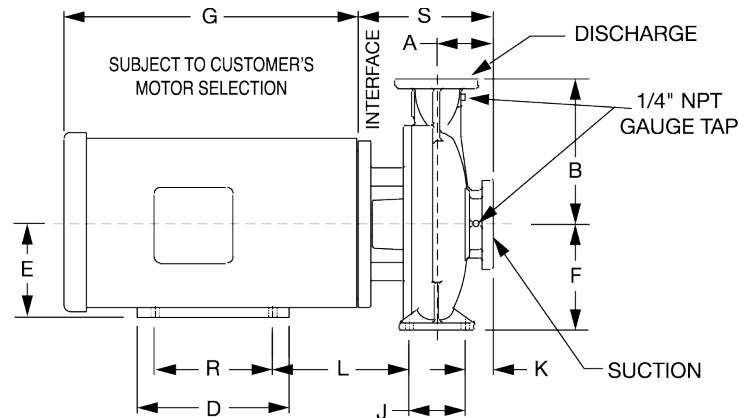
OPERATING SPECIFICATIONS

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

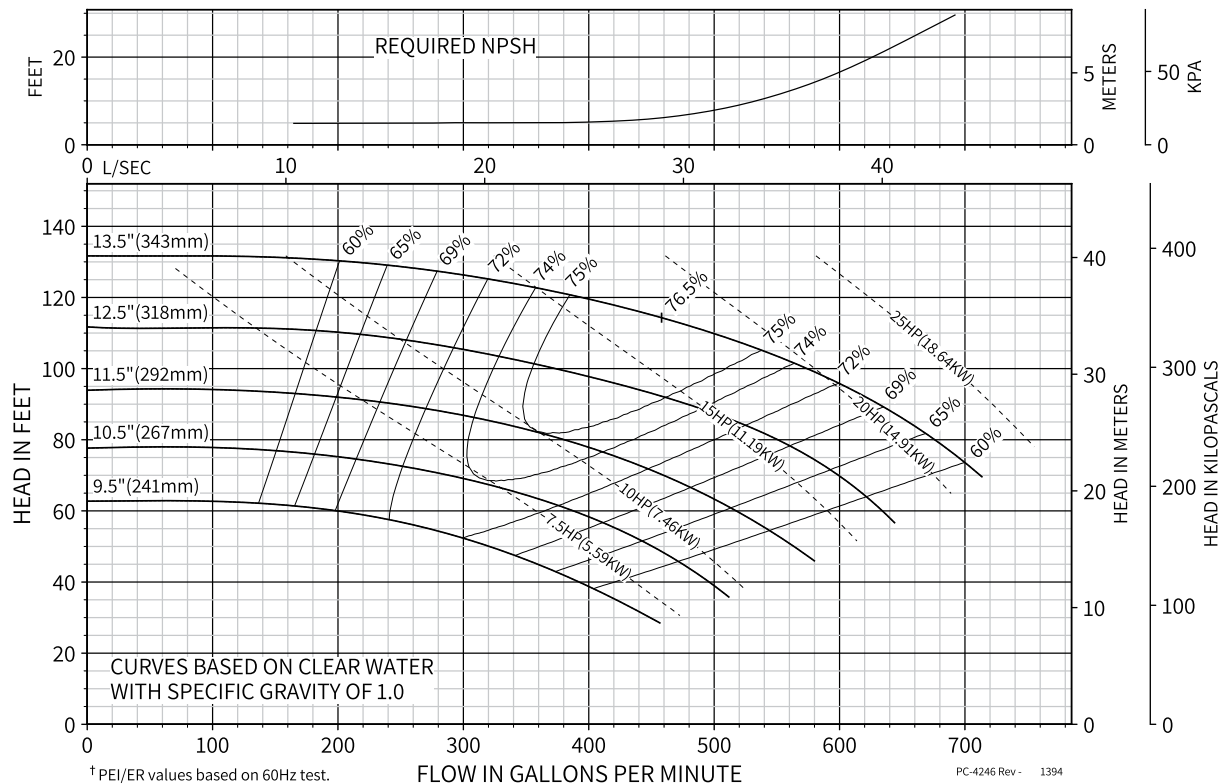


CI Series | Model: 3013D | 1450 RPM

Curve No. 4246 | Min. Imp. Dia. 9.5" | Size 4x3x13.5 | January 29, 2020

Comfort Solutions
A Taco Family Company

Energy Efficiency Rating: DOE Basic Model Number: CI3013D-4P-PM
Pump & Motor: PEI_{CL}: 0.89[†] | ER_{CL}: 11[†]



COMMENTS