

CI Series Pump | Submittal Data

Submittal No: 301-1379D | Model: 4013D | RPM: 1760 - 60 Hz | Effective: January 27, 2020 | Supersedes: December 31, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 4013D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1760

WEIGHT _____ PUMP/MOTOR _____

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI4013D-4P-BP	PEI _d	0.92	8
Pump + Motor	CI4013D-4P-PM	PEI _d	0.92	8

DIMENSIONS

Model No. | 4013D
Flange Size (Suction x Discharge) | 5 x 4 (127 x 102)

HORSEPOWER		20	25	30	40	50
ODP	MOTOR FRAME	256JM	284JM	286JM	324JM	326JM
	G MAX	19.44 (494)	21.31 (541)	21.69 (551)	22.19 (564)	22.69 (576)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	688 (312)	803 (364)		1055 (479)	
TEFC	MOTOR FRAME	256JM	284JM	286JM	324JM	326JM
	G MAX	20.05 (509)	23.39 (594)		25.40 (645)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	688 (312)	803 (364)		1055 (479)	
A		ANSI Class 125: 6.10 (155)				
		ANSI Class 250: 6.54 (166)				
B		ANSI Class 125: 14.00 (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)	13.50 (343)
E		6.25 (159)	7.0 (178)		8.0 (203)	
F		12.40 (315)				
H (PUMP)		17.72 (450)				
J		5.90 (150)				
K		ANSI Class 125: 3.15 (80)				
		ANSI Class 250: 3.59 (91)				
L		7.76 (197)			8.26 (210)	
N (PUMP)		0.63 (16)				
P		0.53 (13)			0.66 (17)	
R		10.0 (254)	9.50 (241)	11.0 (279)	10.5 (267)	12.0 (305)
S		ANSI Class 125: 11.30 (287)				
		ANSI Class 250: 11.74 (298)				

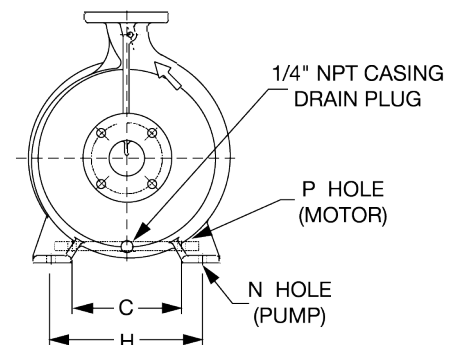
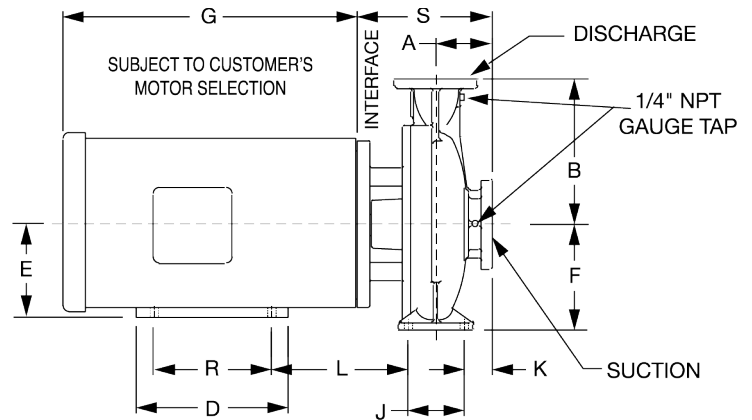
OPERATING SPECIFICATIONS

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

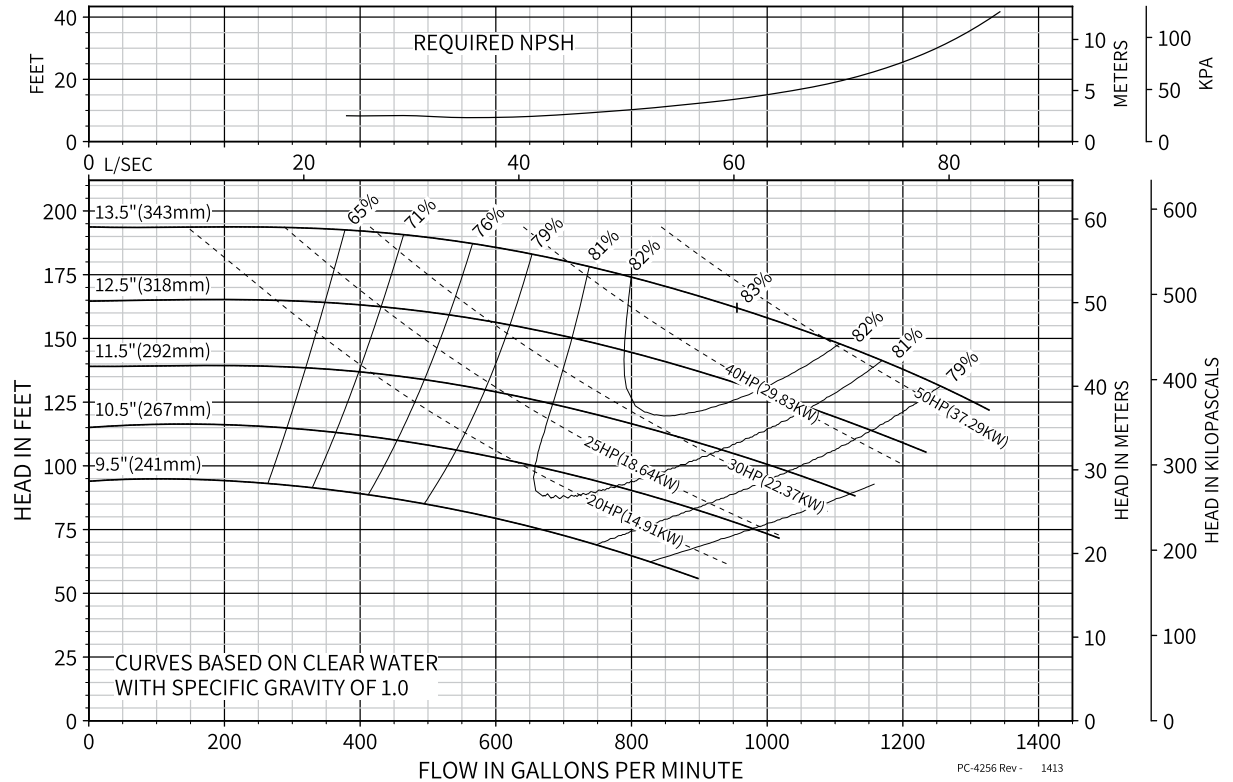


CI Series | Model: 4013D | 1760 RPM

Curve No. 4256 | Min. Imp. Dia. 9.5" | Size 5x4x13.5 | January 29, 2020

Comfort Solutions
A Taco Family Company

Energy Efficiency Rating: DOE Basic Model Number: CI4013D-4P-PM
Pump & Motor: PE_{CL}: 0.92 | ER_{CL}: 8



COMMENTS