

CI Series Pump | Submittal Data

Submittal No: 301-1378D | Model: 4013D | RPM: 1160 - 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 1160

WEIGHT _____ PUMP/MOTOR _____

DIMENSIONS

Model No. | 4013D

Flange Size (Suction x Discharge) | 5 x 4 (127 x 102)

HORSEPOWER		5	7.5	10	15	20
ODP	MOTOR FRAME	215JM	254JM	256JM	284JM	286JM
	G MAX	16.60 (422)	19.44 (494)		21.31 (541)	21.69 (551)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	507 (230)	688 (312)		803 (364)	
TEFC	MOTOR FRAME	215JM	254JM	256JM	284JM	286JM
	G MAX	18.11 (460)	20.05 (509)		23.39 (594)	
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	507 (230)	688 (312)		803 (364)	
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)		8.5 (216)	10.0 (254)		11.0 (279)	
D		8.0 (203)	9.50 (241)	11.75 (298)	10.75 (273)	12.25 (311)
E		5.25 (133)	6.25 (159)		7.00 (178)	
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		7.00 (178)	7.76 (197)			
N (PUMP)		0.63 (16)				
P		0.41 (10)	0.53 (13)			
R		7.00 (178)	8.25 (210)	10.0 (254)	9.5 (241)	11.0 (279)
S		ANSI Class 125: 11.30 (287)	ANSI Class 125: 11.81 (300)			
		ANSI Class 250: 11.74 (298)	ANSI Class 250: 12.25 (311)			

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	N/A	PEI _d	N/A	N/A
Pump + Motor	N/A	PEI _d	N/A	N/A

N/A=NOT WITHIN DOE SCOPE

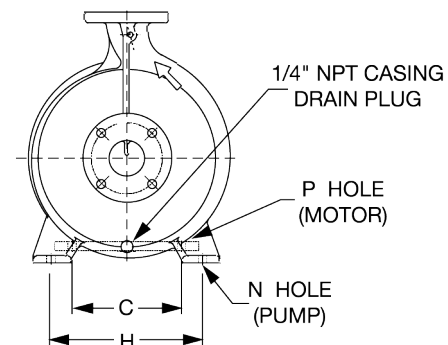
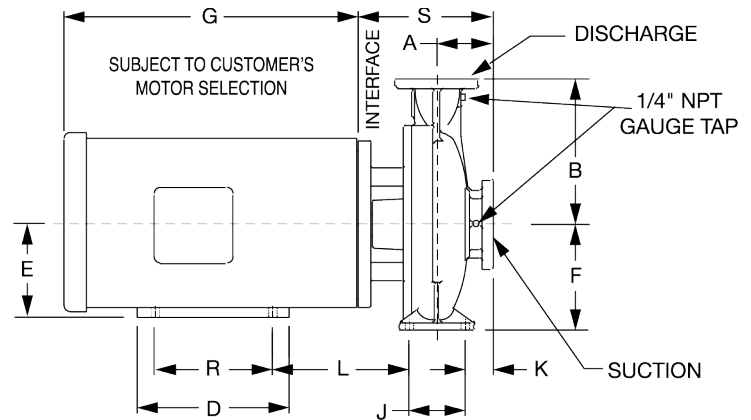
OPERATING SPECIFICATIONS

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

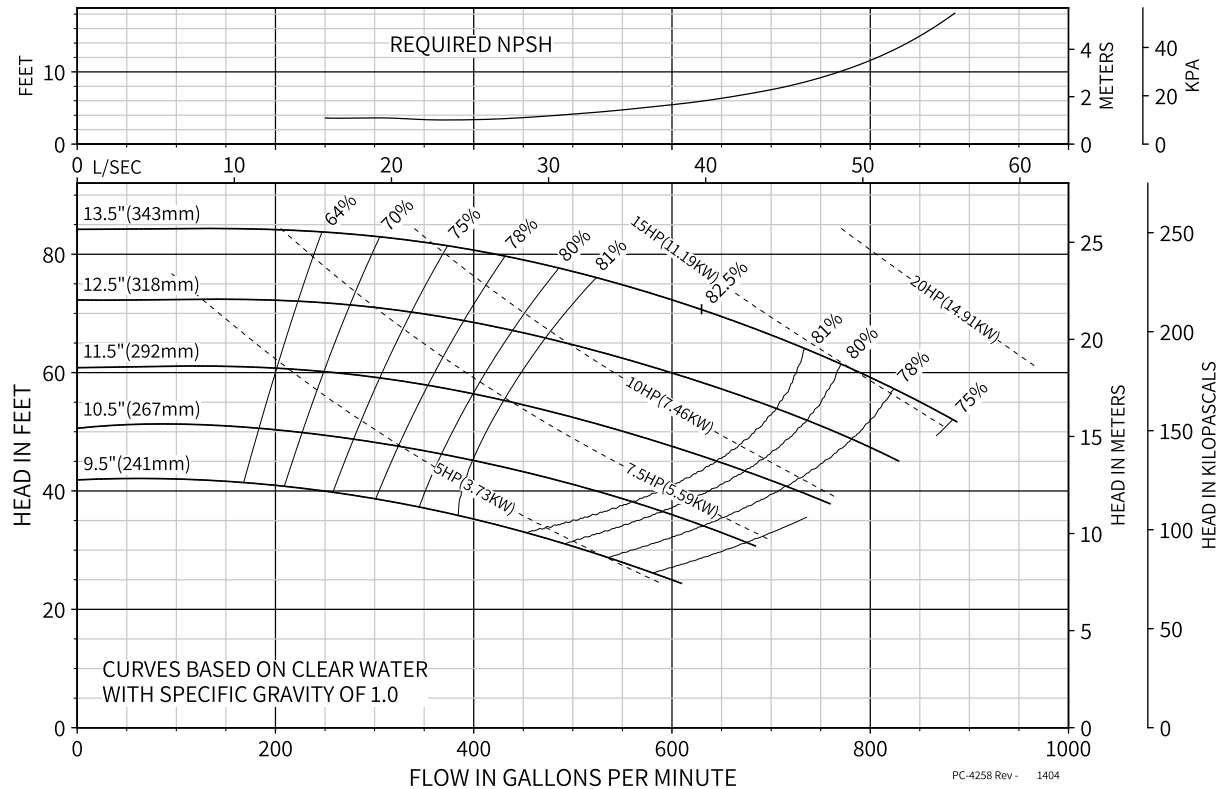
N/A - Not Available



CI Series | Model: 4013D | 1160 RPM

Curve No. 4258 | Min. Imp. Dia. 9.5" | Size 5x4x13.5 | January 29, 2020

Energy Efficiency Rating: DOE Basic Model Number: N/A @1160RPM
Pump & Motor: PEI_{CL}: N/A @1160RPM



COMMENTS