

CI Series Pump | Submittal Data

Submittal No: 301-2410D | Model: 1509D | RPM: 1160 - 60 Hz | Effective: January 27, 2020 | Supersedes: July 12, 2018

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 1509D

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1160

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 1509D

Flange Size (Suction x Discharge) | 2 1/2 x 2 1/2 (64 x 38)

HORSEPOWER		1	1.5	2
ODP	MOTOR FRAME	145JM	182JM	184JM
	G MAX	11.15 (283)	13.76 (350)	15.26 (388)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	159 (72)	210 (95)	
TEFC	MOTOR FRAME	145JM	182JM	184JM
	G MAX	11.15 (283)	13.76 (350)	15.26 (388)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	159 (72)	210 (95)	
A		ANSI Class 125: 4.07 (103)		
		ANSI Class 250: 4.37 (111)		
B		ANSI Class 125: 9.0 (229)		
		ANSI Class 250: 9.25 (235)		
C (MOTOR)		5.5 (140)	7.5 (191)	
D		5.94 (151)	6.50 (165)	
E		3.50 (89)	4.50 (114)	
F		7.09 (180)		
H (PUMP)		9.84 (250)		
J		3.75 (95)		
K		ANSI Class 125: 2.19 (56)		
		ANSI Class 250: 2.50 (63)		
L		5.55 (141)	6.19 (157)	
N (PUMP)		0.56 (14)		
P		0.34 (9)	0.41 (10)	
R		5.0 (127)	4.5 (114)	5.5 (140)
S		ANSI Class 125: 8.61 (219)		
		ANSI Class 250: 8.91 (226)		

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

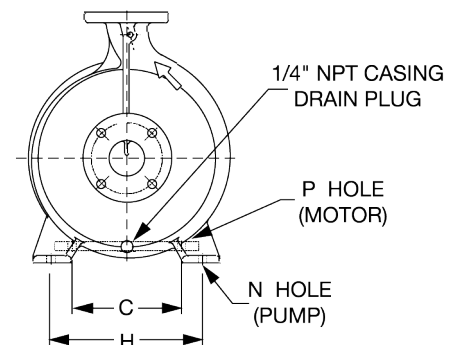
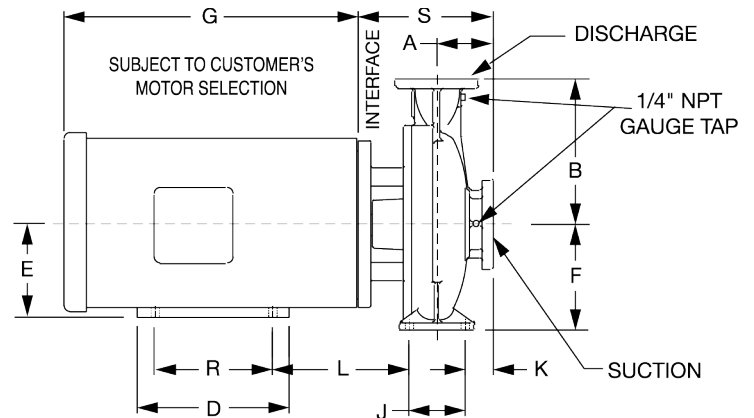
OPERATING SPECIFICATIONS

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	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

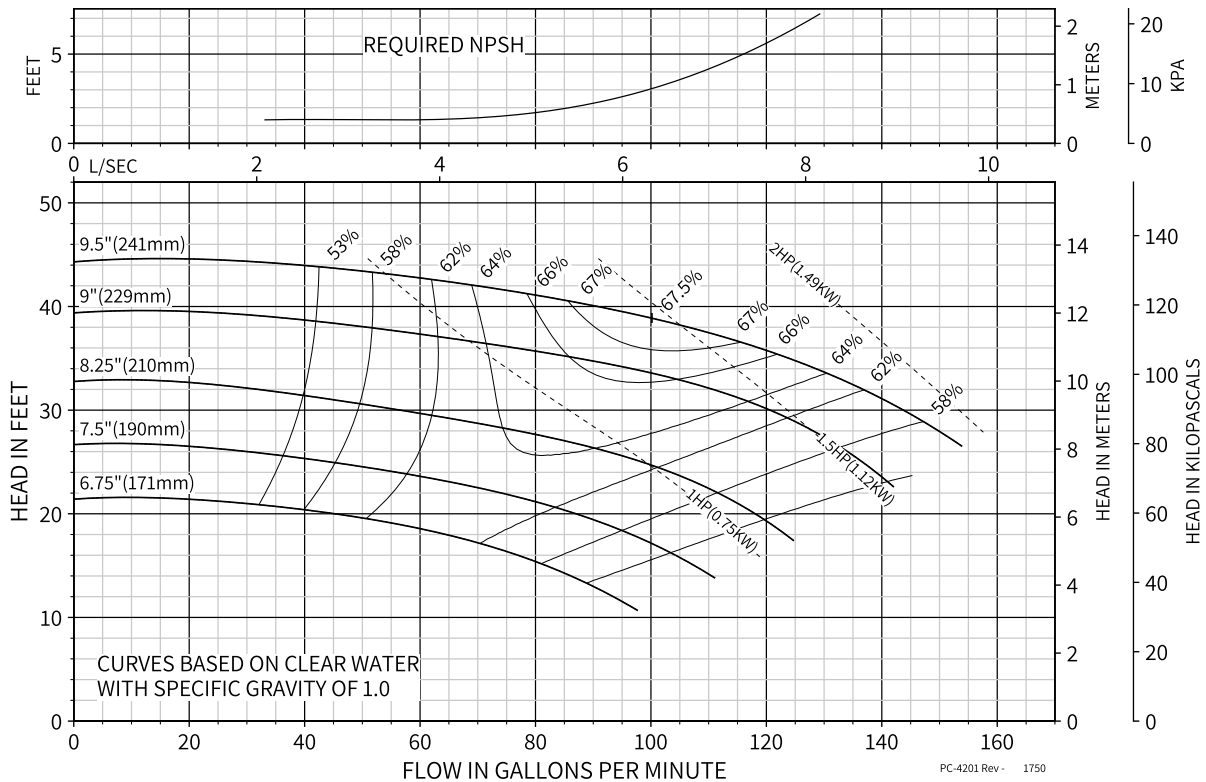


CI Series | Model: 1509D | 1160 RPM

Curve No. 4201 | Min. Imp. Dia. 6.75" | Size 2.5x1.5x9.5 | February 04, 2020

Comfort Solutions®
A Taco Family Company

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



COMMENTS