

CI Series Pump | Submittal Data

Submittal No: 301-2105 I | Model: 2510C | RPM: 1450 - 50 Hz | Effective: January 27, 2020 | Supersedes: May 31, 2017

JOB: _____

REPRESENTATIVE: _____

ENGINEER: _____

CONTRACTOR: _____

PRODUCT DATA

ITEM NO. _____ MODEL NO. 2510C

IMPELLER DIAMETER _____ HORSEPOWER _____

GPM _____ VOLTAGE _____

HEAD/FT _____ RPM 1450

WEIGHT _____ PUMP/MOTOR _____

NSF 61 CERTIFIED YES NO

DIMENSIONS

Model No. | 2510C

Flange Size (Suction x Discharge) | 3 x 2 1/2 (76 x 64)

HORSEPOWER		3	5	7.5	10
ODP	MOTOR FRAME	182JM	184JM	213JM	215JM
	G MAX	13.76 (350)	15.26 (388)	16.64 (423)	18.11 (460)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	217 (98)		342 (155)	
TEFC	MOTOR FRAME	182JM	84JM	213JM	215JM
	G MAX	13.76 (350)	15.26 (388)	16.64 (423)	18.11 (460)
	MAXIMUM ASSEMBLY WEIGHT LBS. (KG)	217 (98)		342 (155)	
A		ANSI Class 125: 4.72 (120)			
		ANSI Class 250: 5.09 (129)			
B		ANSI Class 125: 9.75 (248)			
		ANSI Class 250: 10.06 (256)			
C (MOTOR)		7.5 (191)		8.5 (216)	
D		6.50 (165)		8.00 (203)	
E		4.50 (114)		5.25 (133)	
F		7.87 (200)			
H (PUMP)		11.02 (280)			
J		4.72 (120)			
K		ANSI Class 125: 2.36 (60)			
		ANSI Class 250: 2.73 (69)			
L		5.65 (144)		6.65 (169)	
N (PUMP)		0.56 (14)			
P		0.41 (10)			
R		4.5 (114)	5.5 (140)		7.0 (178)
S		ANSI Class 125: 9.23 (234)			
		ANSI Class 250: 9.60 (244)			

Configuration	DOE Basic Model Number	PEI Value		Energy Rating
Bare Pump	CI2510C-4P-BP	PEI _d	0.94†	6†
Pump + Motor	CI2510C-4P-PM	PEI _d	0.94†	6†

†PEI/ER values based on 60Hz test.

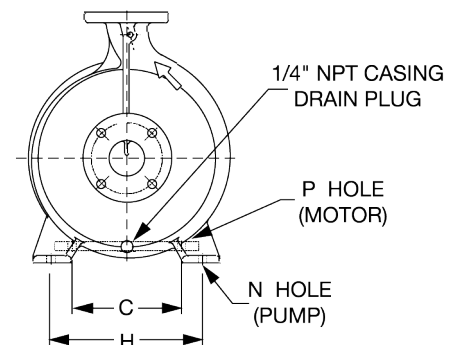
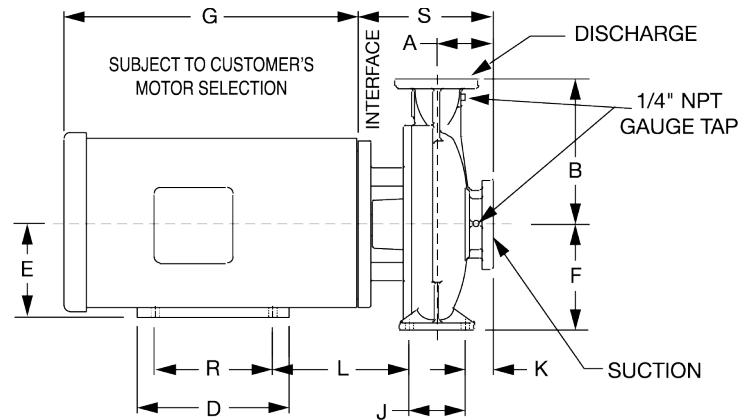
OPERATING SPECIFICATIONS

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

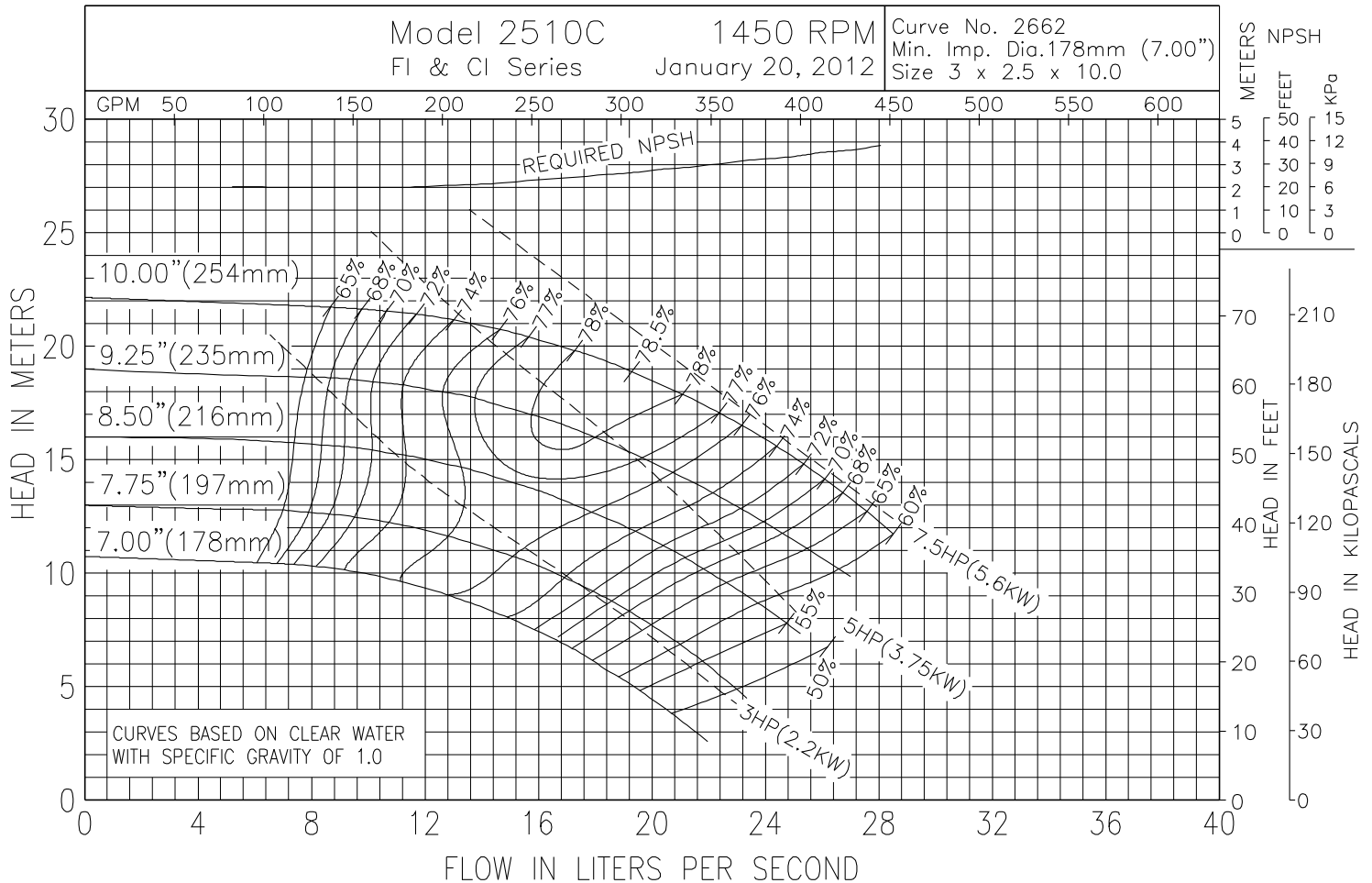


MATERIALS OF CONSTRUCTION

	BRONZE FITTED				NSF 61		
	STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#		STANDARD PUMP CONSTRUCTION		OPTIONAL 125# or 250#
	125# Flange	250# Flange			125# Flange	250# Flange	
Casing	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A		Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Cover	Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A		Cast Iron ASTM A48/A48M-03 Class 30A	Ductile Iron ASTM A536-84 Grade 65-45-12	N/A
Impeller	Bronze ASTM B584 ALLOY C83600 or C84400	Bronze ASTM B584 ALLOY C83600 or C84400	N/A		Stainless Steel ASTM A351/A 351M-08	Stainless Steel ASTM A351/A 351M-08	N/A
Wear Ring	N/A	N/A	Bronze ASTM B584-98A C92200		N/A	N/A	Bronze ASTM B584-98A C92200
Shaft	Carbon Steel	Carbon Steel	N/A		Carbon Steel	Carbon Steel	N/A
Shaft Sleeve	Bronze ASTM B584-98A C92200	Bronze ASTM B584-98A C92200	Stainless Steel TYPE 303 ASTM A276		Bronze ASTM B584-98A C92200	Bronze ASTM B584-98A C92200	N/A
Mechanical Seal	Ceramic/EPT	Ceramic/EPT	Tungsten Carbide/EPT or Silicon- Carbide/EPT		Ceramic/EPT	Ceramic/EPT	N/A
Seal Flush Line Assembly	N/A	N/A	Copper & Brass C3600		Copper & Brass C3600	Copper & Brass C3600	N/A

N/A = Not available

Revised: 5/31/2017



COMMENTS