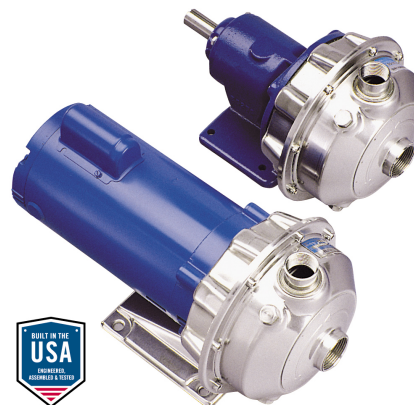


Customer	Date	28.07.2022
Contact	Project	
Phone number	Project no.	
Email		



1ST1D4E4

Operating data

Pump type	Single Stage End Suction Pumps	Fluid	Water
No. of pumps/ Reserve	1 / 0	Operating temperature t A °F	39.2
Nominal flow US g.p.m.	0	pH-value at t A	7
Nominal head ft	0	Density at t A lb/ft³	62.4
Static head ft	0	Kin. viscosity at t A ft²/s	1.689E-5
Inlet pressure psi	0	Vapor pressure at t A psi	14.5
Environmental temperature °F	68	Solids	0
Available system NPSH ft	0	Altitude ft	0

Pump data

Make	Goulds Water Technology	Nominal	US g.p.m.	()
Speed rpm	3500	Flow Max-	US g.p.m.	40
No. of stages	1	Min-	US g.p.m.	
Max. casing pressure psi		Nominal	ft	
Max. working pressure psi	32.9	Head at Qmax	ft	34.9
Head H(Q=0) ft	76	at Qmin	ft	75.9
Weight lb	44	Shaft power	hp	()
Max. Impeller R designed	inch 6 1/8	Max. shaft power	hp	.8
Min.	inch 4 7/16	Efficiency	%	
	inch 4 1/16	NPSH 3%	ft	

Shaft Seal

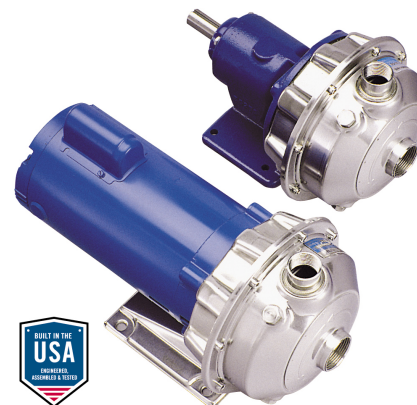
Make	John Crane
Type of Shaft Seal	Type 21
Seal Material Code	Car/SilCar/Viton/316 SS (10K55) (Std.)
1 - Rotating	Carbon
2 - Stationary	Silicon Carbide
3 - Elastomers	Viton
4 - Metal Parts	316 SS

Motor data

Manufacturer	Emerson	Electric voltage	230 V	Speed	3500 rpm
Specific design	1ph TEFC	Electric current	5.1 A	Frame size	56J
Type	115/208-230V 56J (E05821S)	Rated power	0.75 hp	Insulation class	B
		Degree of protection	IP 55	Colour	RAL 5010

Remarks:

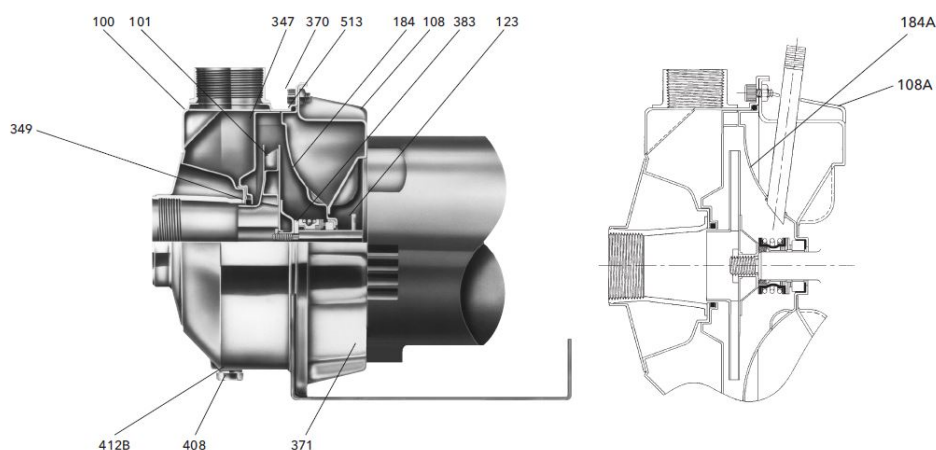
Customer	Date 28.07.2022
Contact	Project
Phone number	Project no.
Email	



1ST1D4E4

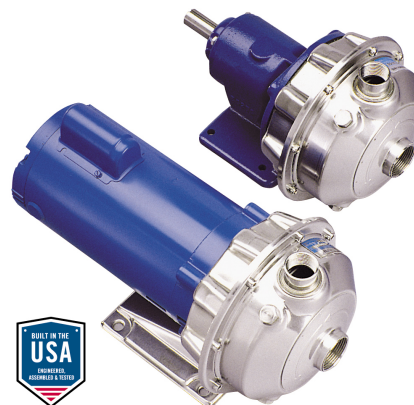
Pump Materials

100 - Casing	AISI 316L SS
101 - Impeller	AISI 316L SS
108 - Motor adapter	AISI 316L SS
108A - Motor adapter seal vent/flush	AISI 316L SS
123 - Deflector	BUNA-N
184 - Seal housing	AISI 316L SS
184 A - Seal housing seal vent/flush	AISI 316L SS
347 - Guide vane	AISI 316L SS
349 - Seal ring, guide vane	Viton
370 - Socket head screws, casing	AISI 410 SS
371 - Bolts, motor	Plated Steel
383 - Mechanical seal	Refer Mechanical Seals
408 - Drain and vent plug, casing	AISI 316L SS
412B - O-ring, drain and vent plug	Viton (Standard), EPR (Optional)
513 - O-ring, casing	Viton (Standard), EPR (Optional)
Motor - NEMA standard, 56J flange	-



Remarks:

Customer	Date 28.07.2022
Contact	Project
Phone number	Project no.
Email	



1ST1D4E4

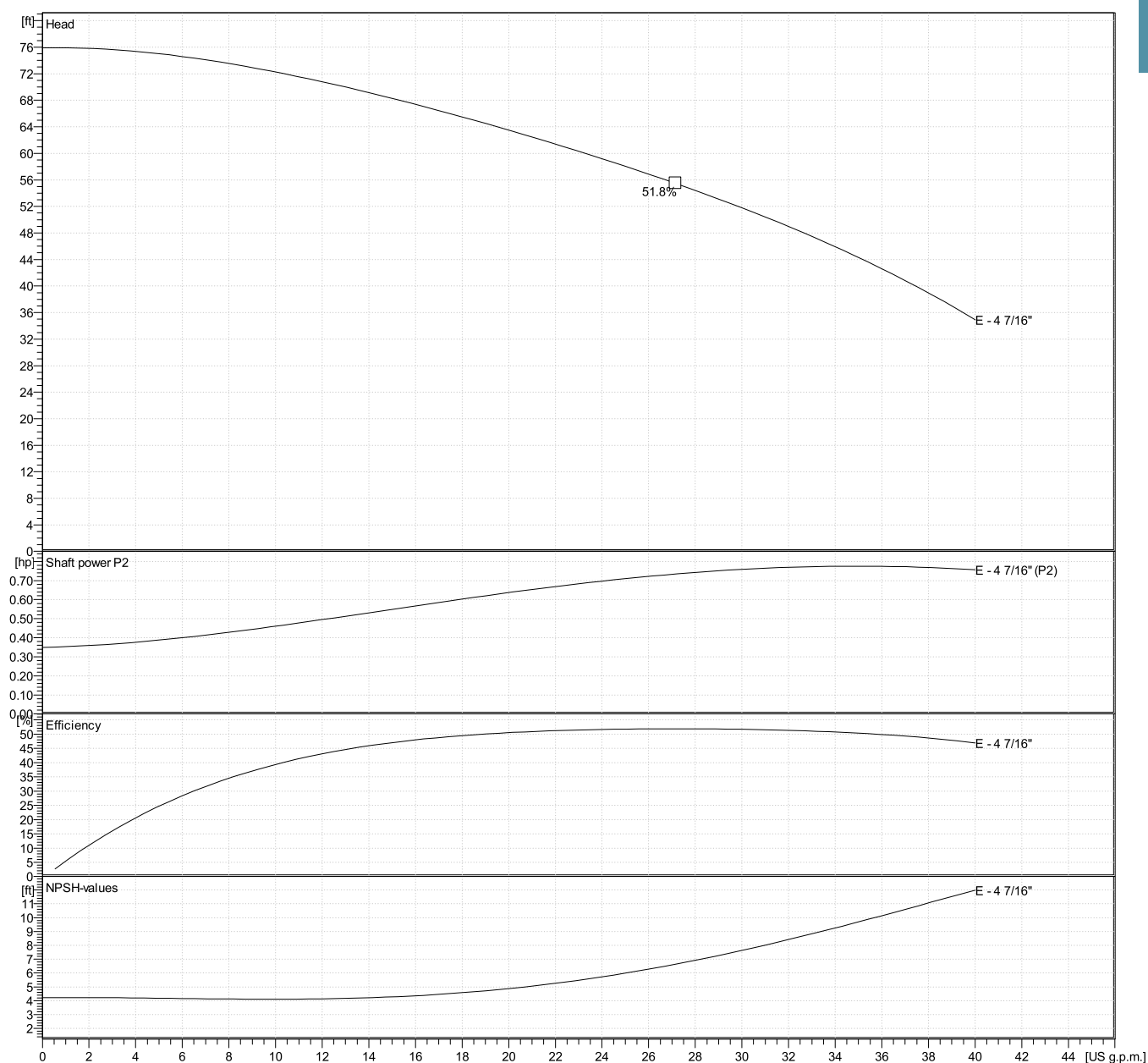
Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 US g.p.m.	Flow		Impeller R	4 7/16 inch
Head	0 ft	Head		Frequency	60 Hz
Static head	0 ft			Speed	3500 rpm

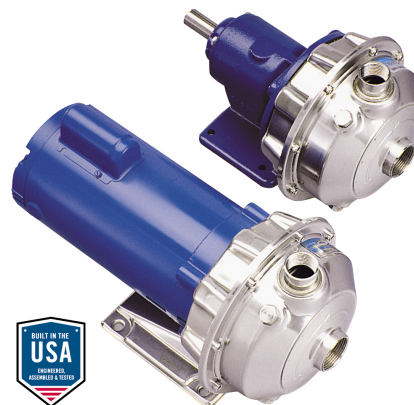
Power data referred to:

Water [100%] ; 39.2°F; 62.4lb/ft³; 1.69E-5ft²/s

Performance according to ISO 9906:2012 – Grade 3B

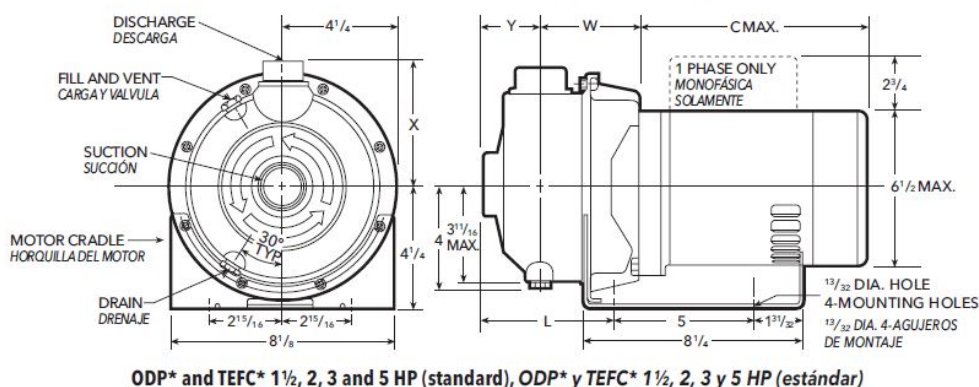
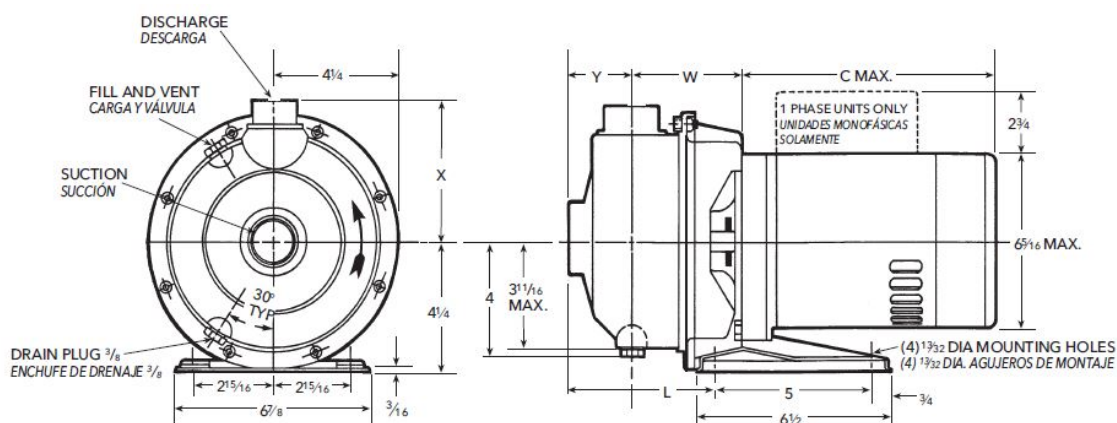


Customer	Date 28.07.2022
Contact	Project
Phone number	Project no.
Email	



1ST1D4E4

Drawing



Dimensions inch

Dimensions	Value
C(Max) Length	12 1/2
Discharge NPT	1
L	4 9/16
P(Max)	7 3/16
Suction NPT	1 1/4
W	3 9/16
X	4 3/8
Y	2

Weight 43.999 lb