



Customer	Date	02.11.2020
Contact	Project	
Phone number	Project no.	
Email		

## 1HM02N05T6PBQE

### Operating data

Pump type	Single head pump	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/ft <sup>3</sup> 62.4
Static head	ft 0	Kin. viscosity at t A	ft <sup>2</sup> /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	Nominal	US g.p.m. ( )
Speed	rpm 3500	Flow	Max- US g.p.m. 12.3
No. of stages	2		Min- US g.p.m.
Max. casing pressure	psi	Nominal	ft
Max. working pressure	psi 24.6	Head	at Qmax ft 32.1
Head H(Q=0)	ft 57		at Qmin ft 56.7
Weight	lb 18	Shaft power	hp ( )
		Max. shaft power	hp .2
		Efficiency	%
		NPSH 3%	ft

### Pump Materials

Adapter	Aluminium
Bolts and screws	Stainless steel
Diffuser	Stainless steel
Fill / drain plugs	Stainless steel
Impeller	Stainless steel 316
Pump Body	Stainless steel
Seal Housing	Stainless steel
Shaft	Stainless steel
Wear Ring	Technopolymer (PPS)

### Shaft Seal

Rotating Part	Silicon Carbide
Stationary Part	Carbon, resin-impregnated
Elastomers	EPDM
Springs	AISI 316
Other Components	AISI 316

### Motor data

Specific design	IE3 Three phase surface motor		
Type	SM71HM..A/UL305		
Rated power	0.75 hp	Electric voltage	460 V
Speed	3455 rpm	Electric current	2.64 A
Frame size	56	Degree of protection	55
Colour	RAL 5010	Insulation class	155 (F)



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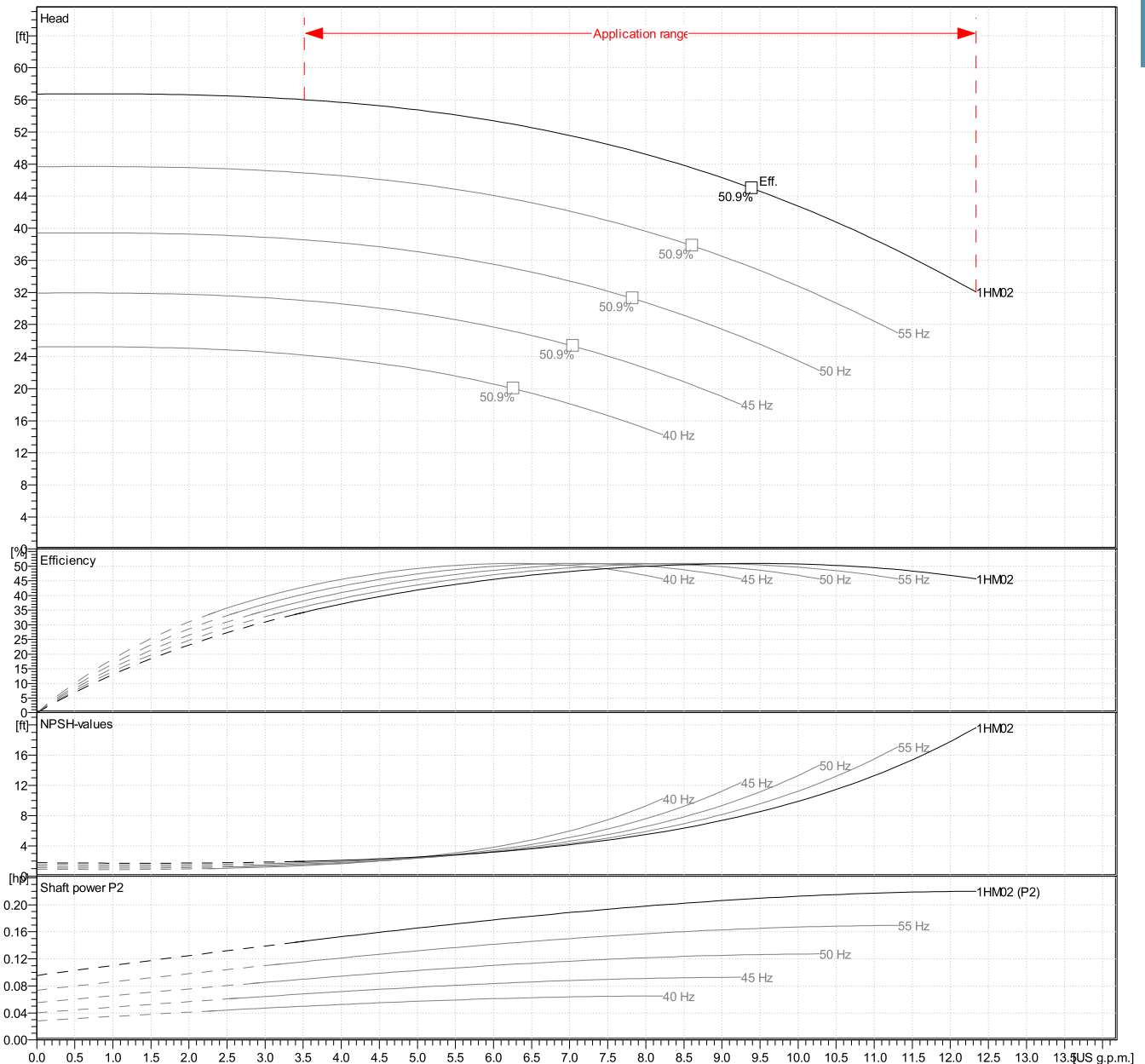
### Hydraulic Data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 US g.p.m.	Flow		Impeller R	2 <sup>7</sup> / <sub>8</sub> "
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 ANSI/HI 14.6 - Grade 2B

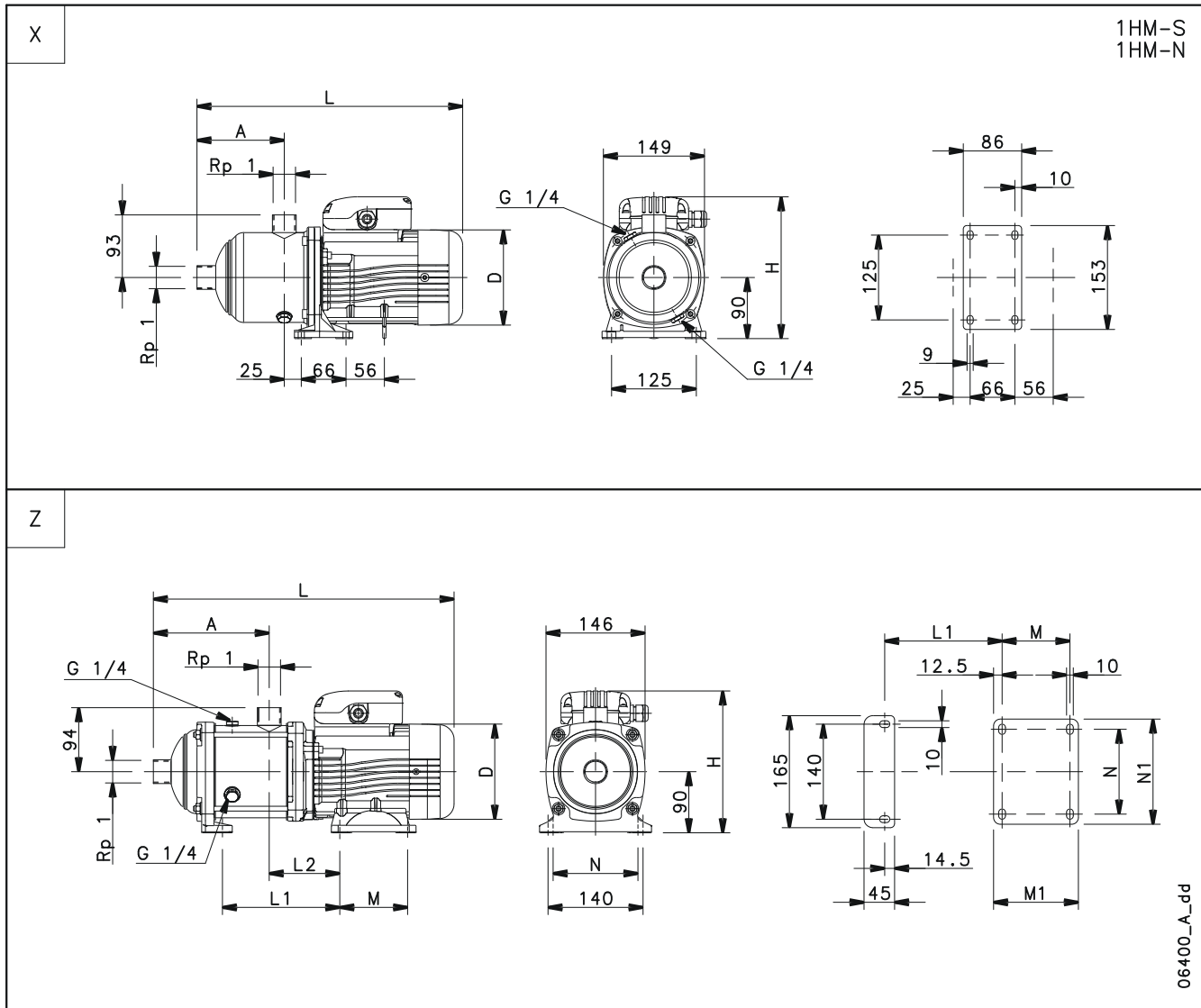




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### Drawing



### Dimensions inch

A	3 <sup>7</sup> / <sub>16</sub>					Weight	
D	5 <sup>1</sup> / <sub>2</sub>					17.637	lb
H	8 <sup>7</sup> / <sub>8</sub>						
L	13 <sup>3</sup> / <sub>4</sub>						
Ref. Drawing	X						