

10HM01S07T6PVBE

Technical data

Company name
Contact
Phone number
e-mail address

Operating data

Pump type	Single head pump	Fluid	Water
Available system NPSH	ft 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
		Altitude	ft 0

Pump data

Make	Lowara	Nominal	US g.p.m. ()
Speed	rpm 3500	Max-	US g.p.m. 74.8
Number of stages	1	Min-	US g.p.m.
Max. casing pressure	psi	Nominal	ft
Max. working pressure	psi 24.5	Head at Qmax	ft 18.9
Head H(Q=0)	ft 56	Head at Qmin	ft 56.5
Weight	lb 33	Shaft power	hp ()
	Max. inch 3 3/4	Max. shaft power	hp .9
Impeller R	designed inch 3 3/4	Efficiency	%
	Min. inch 3 3/4	NPSH 3%	ft

Pump Materials

Head	Stainless steel / AISI 304
Impeller	Stainless steel / AISI 304
Diffuser	Stainless steel / AISI 304
Outer sleeve	Stainless steel / AISI 304
Shaft	Stainless steel / AISI 316
Adapter	Aluminium
Ring with foot	Aluminium
SEAL HOUSING	Stainless steel / AISI 304
Shaft sleeve and bushing	Tungsten carbide
Fill / drain plugs	Stainless steel / AISI 316
Tie rods	Stainless steel / AISI 431
Wear ring	Technopolymer

Shaft Seal

e-HM Mechanical seal	Roten
e-HM - Roten	
1 - Rotating part	Aluminium oxide (Ceramic)
2 - Stationary part	Carbon, resin-impregnated
3 - Elastomers	EPDM
4 - Springs	AISI 316
5 - Other components	AISI 316

Motor data

Manufacturer	Lowara	Electric voltage	220 V	Speed	3490 rpm	Insulation class	F
Specific design	IE3 3ph Flange Motor			Frame size	80	Colour	RAL 5010
Type	SM80HM/307 E3						
Rated power	1.0058 hp	Degree of protection	IP55				
Electric current	3.03 A						

Remarks:

10HM01S07T6PVBE

Performance curve

Company name
Contact
Phone number
e-mail address

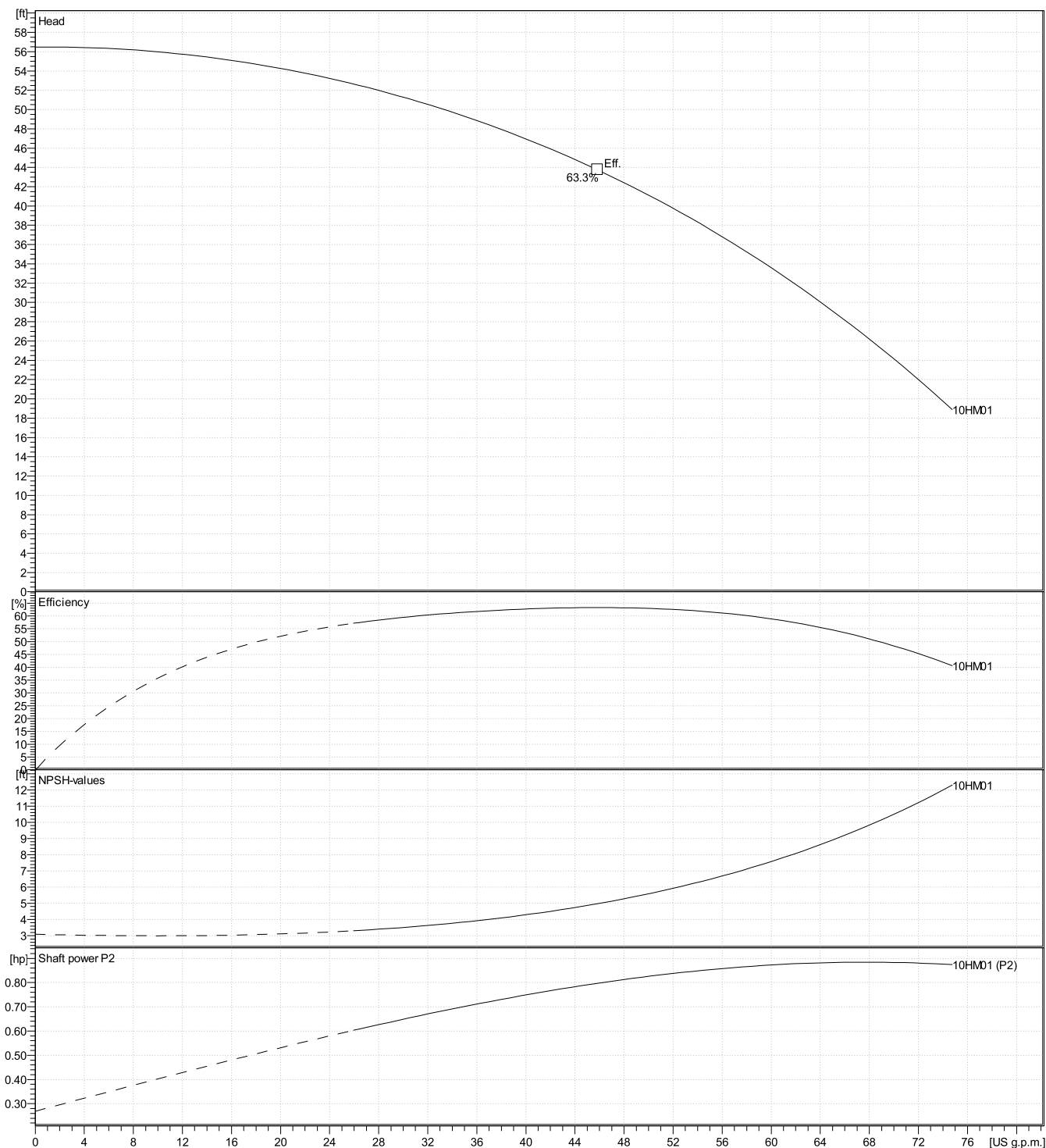
Hydraulic data

Operating Data Specification	Hydraulic data (duty point)	Impeller design
Flow 0 US g.p.m.	Flow	Impeller R 3 3/4 inch
Head 0 ft	Head	Frequency 60 Hz
Static head 0 ft		Speed 3500 rpm

Power datas referred to:

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

Performance according to ISO 9906:2012 – Grade 3B

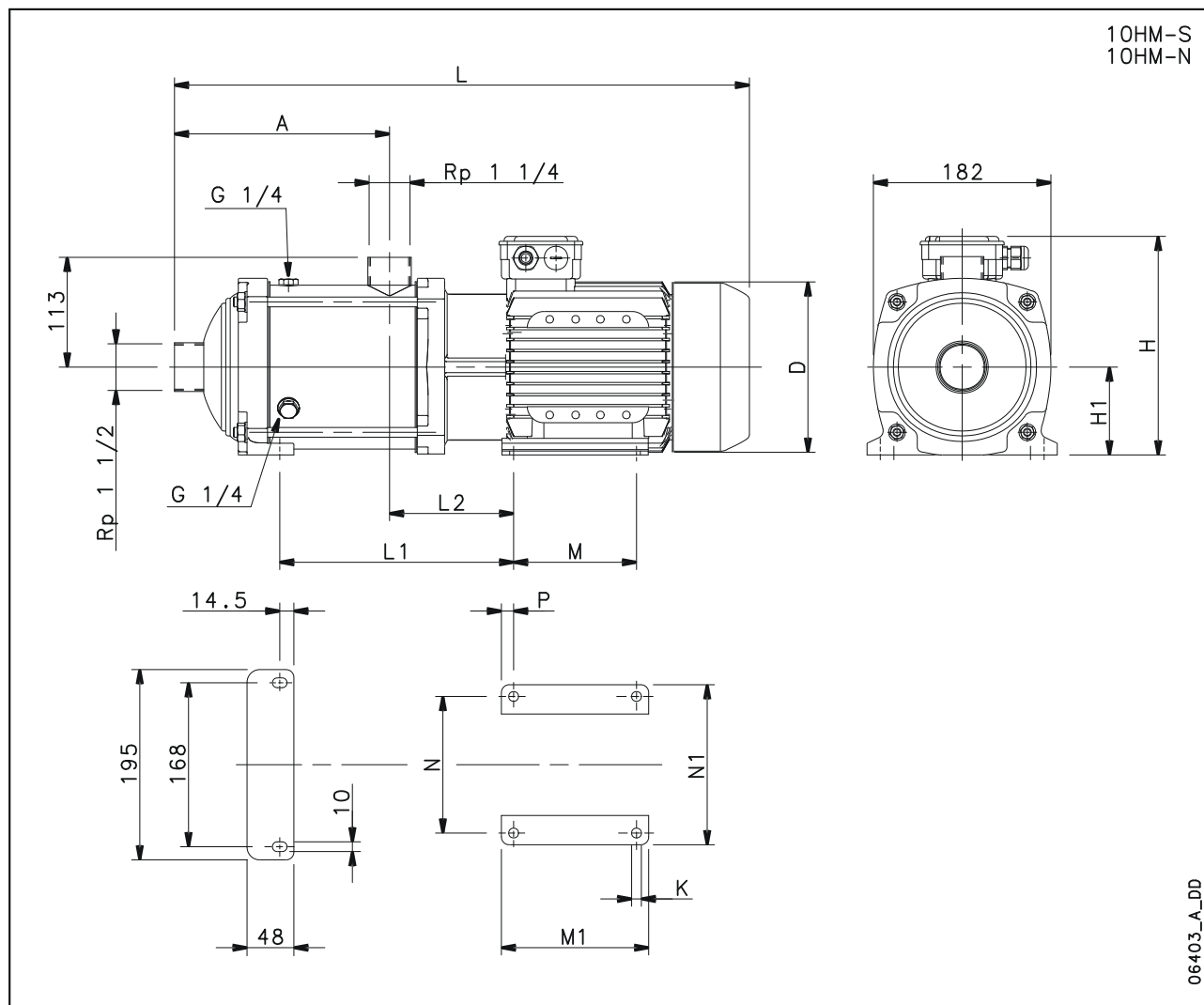


10HM01S07T6PVBE

Dimensions

Company name
Contact
Phone number
e-mail address

Drawing



Dimensions inch

A	$\frac{4}{16}$	M	$\frac{3}{16}$			Weight
D	$\frac{6}{8}$	M1	$\frac{4}{16}$			30 lb
H	$\frac{8}{8}$	N	$\frac{4}{16}$			
H1	$\frac{3}{16}$	N1	$\frac{6}{8}$			
K	$\frac{3}{8}$	P	$\frac{1}{2}$			
L	$\frac{17}{16}$	PN	$\frac{3}{8}$			
L1	$\frac{4}{16}$					