

## 5HM06P11M5HVBE

### Technical data

Company name  
Contact  
Phone number  
e-mail address

#### Operating data

Pump type	Single head pump	Fluid	Water
Available system NPSH	m 0	Operating temperature t A	°C 4
Nominal flow	m <sup>3</sup> /h 0	pH-value at t A	7
Nominal head	m 0	Density at t A	kg/m <sup>3</sup> 1000
Static head	m 0	Kin. viscosity at t A	mm <sup>2</sup> /s 1.569
Inlet pressure	kPa 0	Vapor pressure at t A	kPa 100
Environmental temperature	°C 20	Solids	0
		Altitude	m 0

#### Pump data

Make	Lowara	Nominal	m <sup>3</sup> /h ( )
Speed	rpm 2900	Flow	Max- m <sup>3</sup> /h 7.2
Number of stages	6	Min-	m <sup>3</sup> /h 2.4
Max. casing pressure	kPa	Nominal	m
Max. working pressure	kPa 714.7	Head	at Qmax m 23.3
Head H(Q=0)	m 73	at Qmin	m 62.2
Weight	kg 14	Shaft power	kW ( )
	Max. mm 73	Max. shaft power	kW 1.2
Impeller R	designed mm 73	Efficiency	%
	Min. mm 73	NPSH 3%	m

#### Pump Materials

Pump body	Stainless steel / AISI 304
Impeller	Technopolymer Noryl
Diffuser	Stainless steel / AISI 304
Shaft	Stainless steel / AISI 304
Adapter	Aluminium
SEAL HOUSING	Stainless steel / AISI 304
Fill / drain plugs	Nickel-plated brass
Wear ring	Technopolymer
Bolts and screws	Stainless steel / AISI 304

#### 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	221 V	Speed	2860 rpm	Insulation class	F
Specific design	IE2 1ph Flange Motor			Frame size	80	Colour	RAL 5010
Type	SM80HM/111 E2						
Rated power	1.1 kW	Degree of protection	IP55				
Electric current	6.26 A						

#### Remarks:

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## Performance curve

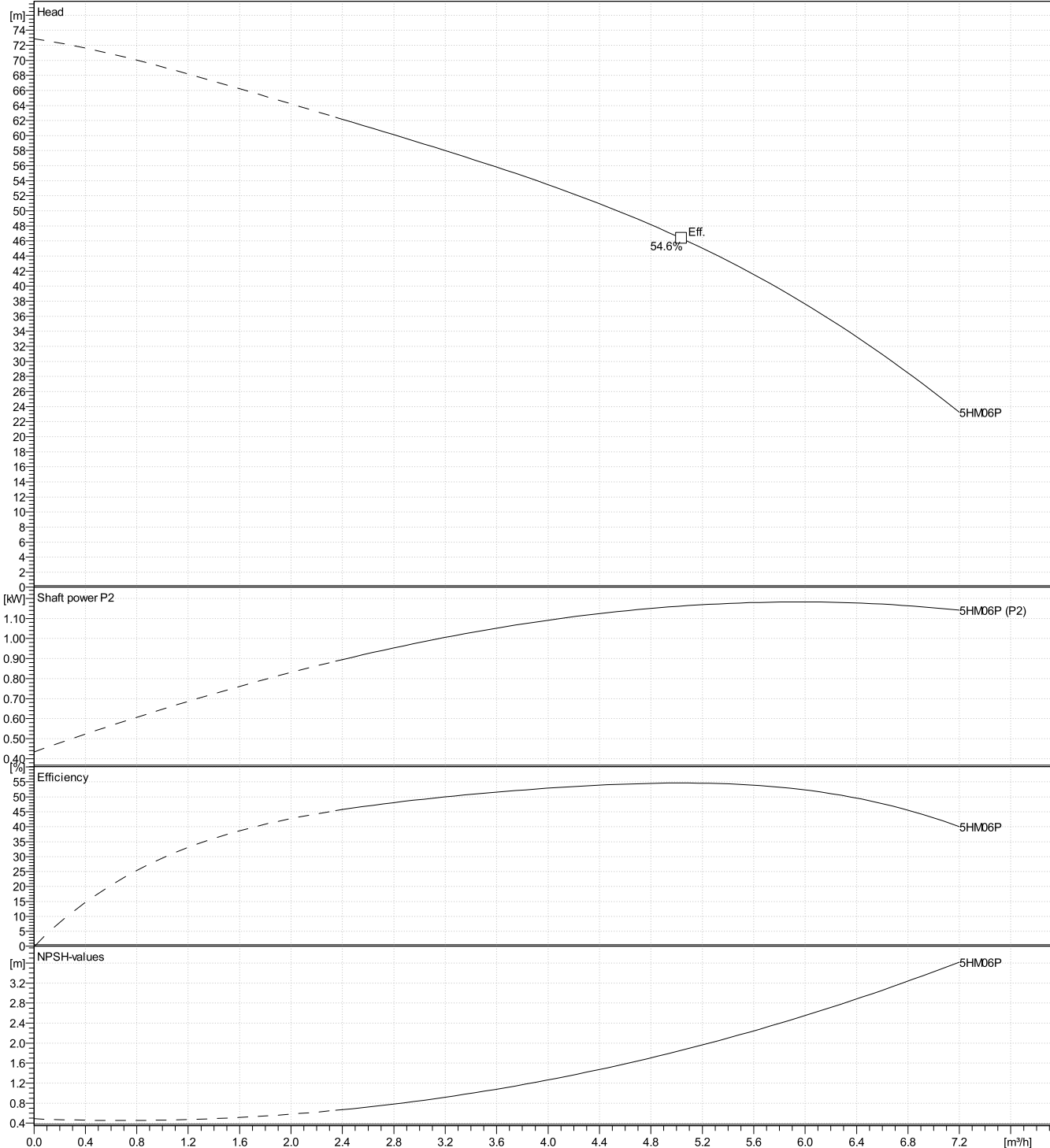
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### Hydraulic data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 m <sup>3</sup> /h	Flow		Impeller R	73 mm
Head	0 m	Head		Frequency	50 Hz
Static head	0 m			Speed	2900 rpm

**Power datas referred to:**

Water [100%] ; 4°C; 1000kg/m<sup>3</sup>; 1.57mm<sup>2</sup>/s  
Performance according to ISO 9906:2012 – Grade 3B

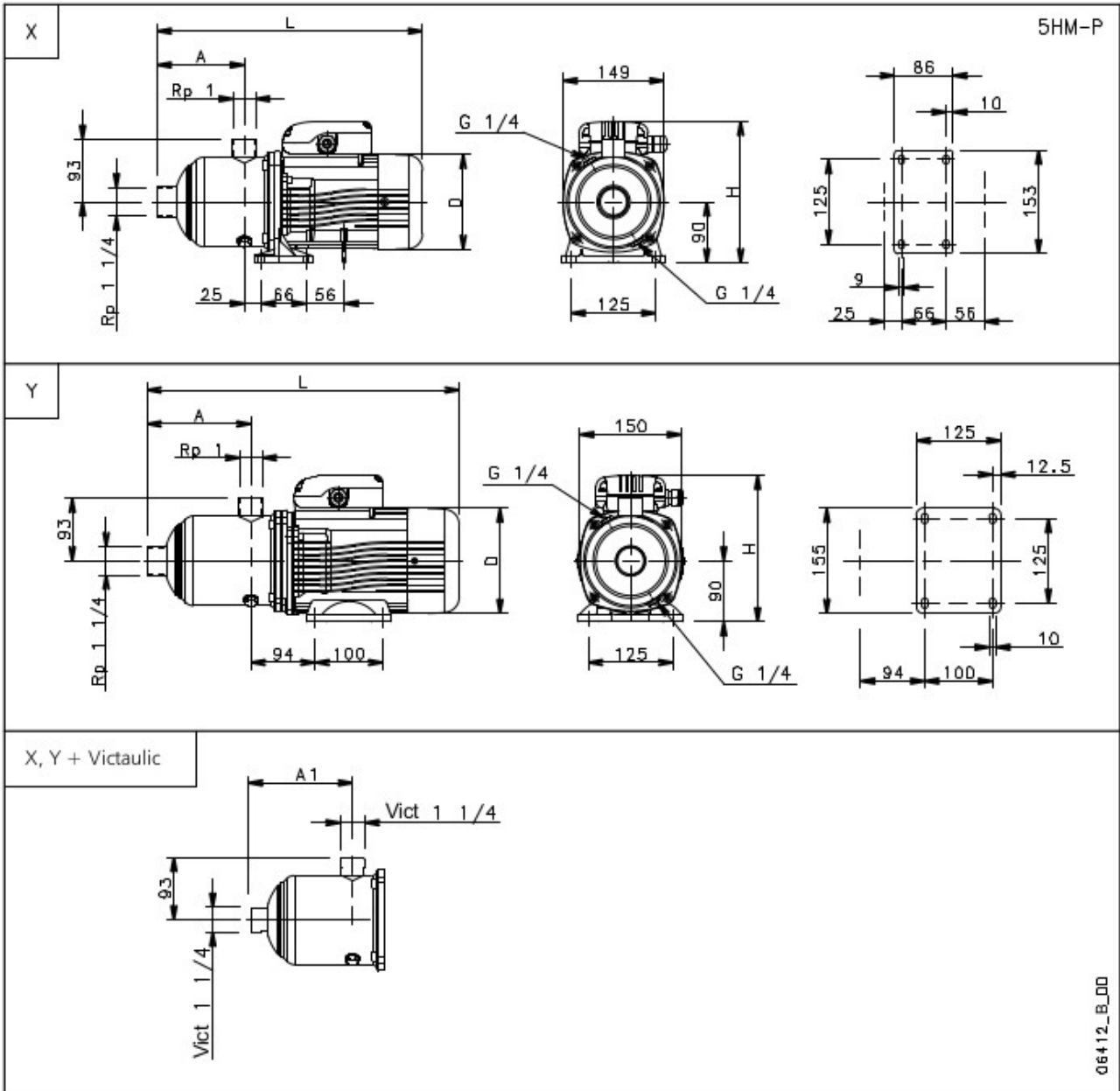


**5HM06P11M5HVBE**

**Dimensions**

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Contact  
Phone number  
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**Drawing**



06412\_B\_DD

**Dimensions mm**

A	149					Weight 10 kg
D	155					
Dwg.	Y					
H	227					
L	457					
PN	10bar					