

5HME06S11M02VBE

Technical data

Company name
Contact
Phone number
e-mail address

Operating data

Pump type	Single head pump	Fluid	Water, pure
No. of pumps / Reserve	1 / 0	Operating temperature t A	°C 4
Nominal flow	m ³ /h 0	pH-value at t A	7
Nominal head	m 0	Density at t A	kg/m ³ 1000
Static head	m 0	Kin. viscosity at t A	mm ² /s 1.569
Inlet pressure	kPa 0	Vapor pressure at t A	kPa 100
Environmental temperature	°C 20	Solids	0
Available system NPSH	m 0	Altitude	m 0

Pump data

Make	Lowara	Nominal	m ³ /h
Speed	rpm	Flow Max-	m ³ /h 10.2
Number of stages	6	Min-	m ³ /h 3
		Nominal	m
Max. working pressure	kPa 652	Head at Qmax	m 16.7
Head H(Q=0)	m 66	at Qmin	m 65.1
Weight	kg 12	Power input	kW
	Max. mm 73	Max. shaft power	kW 1.12
Impeller R designed	mm 73	Efficiency (Hydraulic+Motor+Drive)	%
	Min. mm 73		

Pump Materials

Adapter	Aluminium
Bolts and screws	Stainless steel
Diffuser	Stainless steel
Fill / drain plugs	Stainless steel
Impeller	Stainless steel 304
Pump body	Stainless steel
SEAL HOUSING	Stainless steel
Shaft	Stainless steel
Wear ring	Technopolymer

Shaft Seal

Mechanical Seal	Roten
HM - uniten	V-Ceramic
Rotating Assembly	B-Resin impregnated carbon
Fixed Assembly	E - EPDM
Elastomers	G-AISI 316
Springs	G-AISI 316
Other Components	G-AISI 316

Motor data

Manufacturer	Lowara	Electric voltage	208 V	Speed	3600 rpm	Insulation class	F
Specific design	Single phase e-SM motor			Frame size	80	Colour	RAL 5010
Type	ESM80/111 HM	Electric current	3.27 A	Motor Efficiency Class	IE5		
Rated power	1.1 kW	Degree of protection	IP 55				

Remarks:

5HME06S11M02VBE

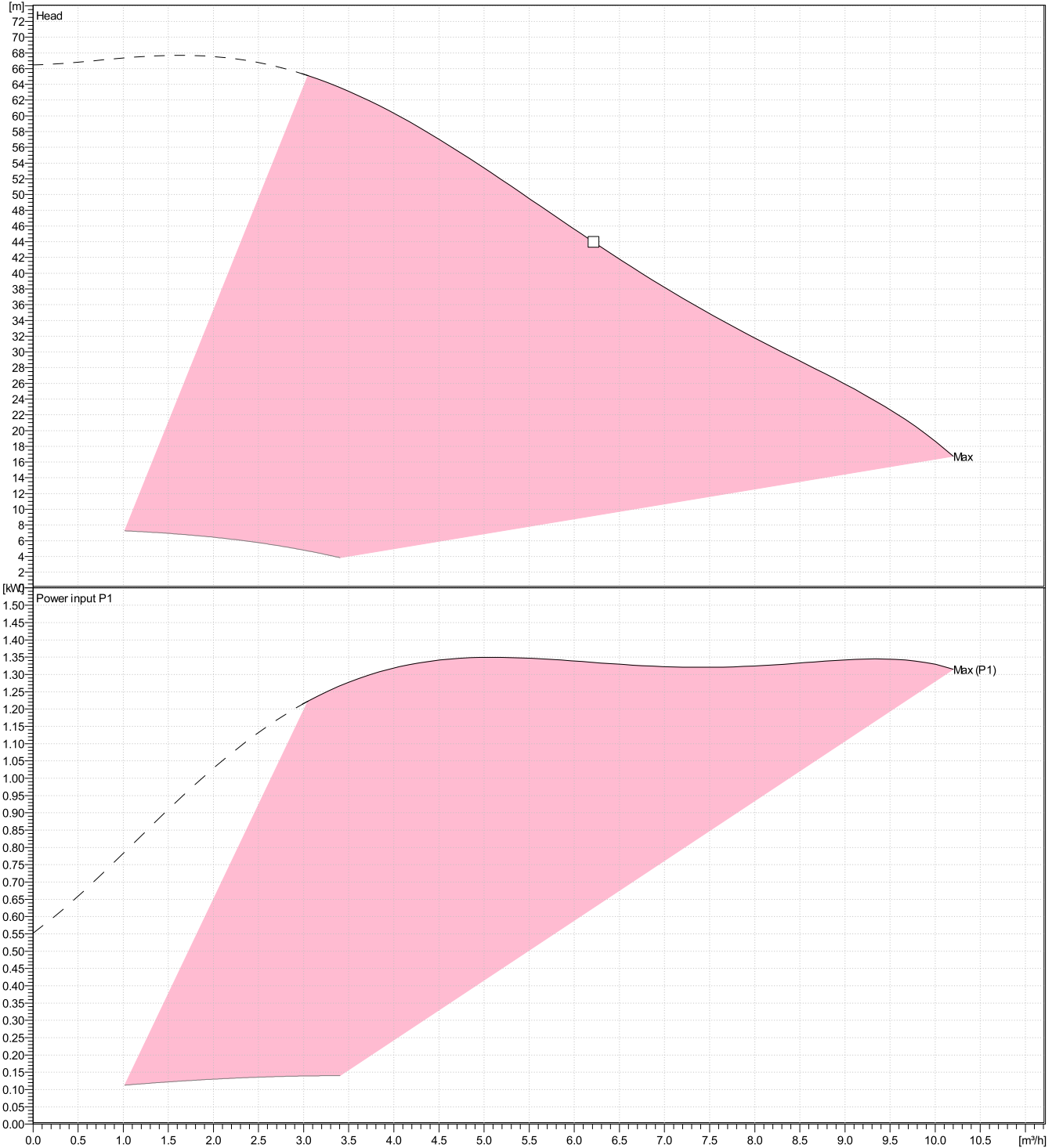
Performance curve

Company name
Contact
Phone number
e-mail address

Hydraulic data

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

Power datas referred to:
Water, pure [100%] ; 4°C; 1000kg/m³; 1.57mm²/s
Performance according to ISO 9906:2012 – Grade 3B

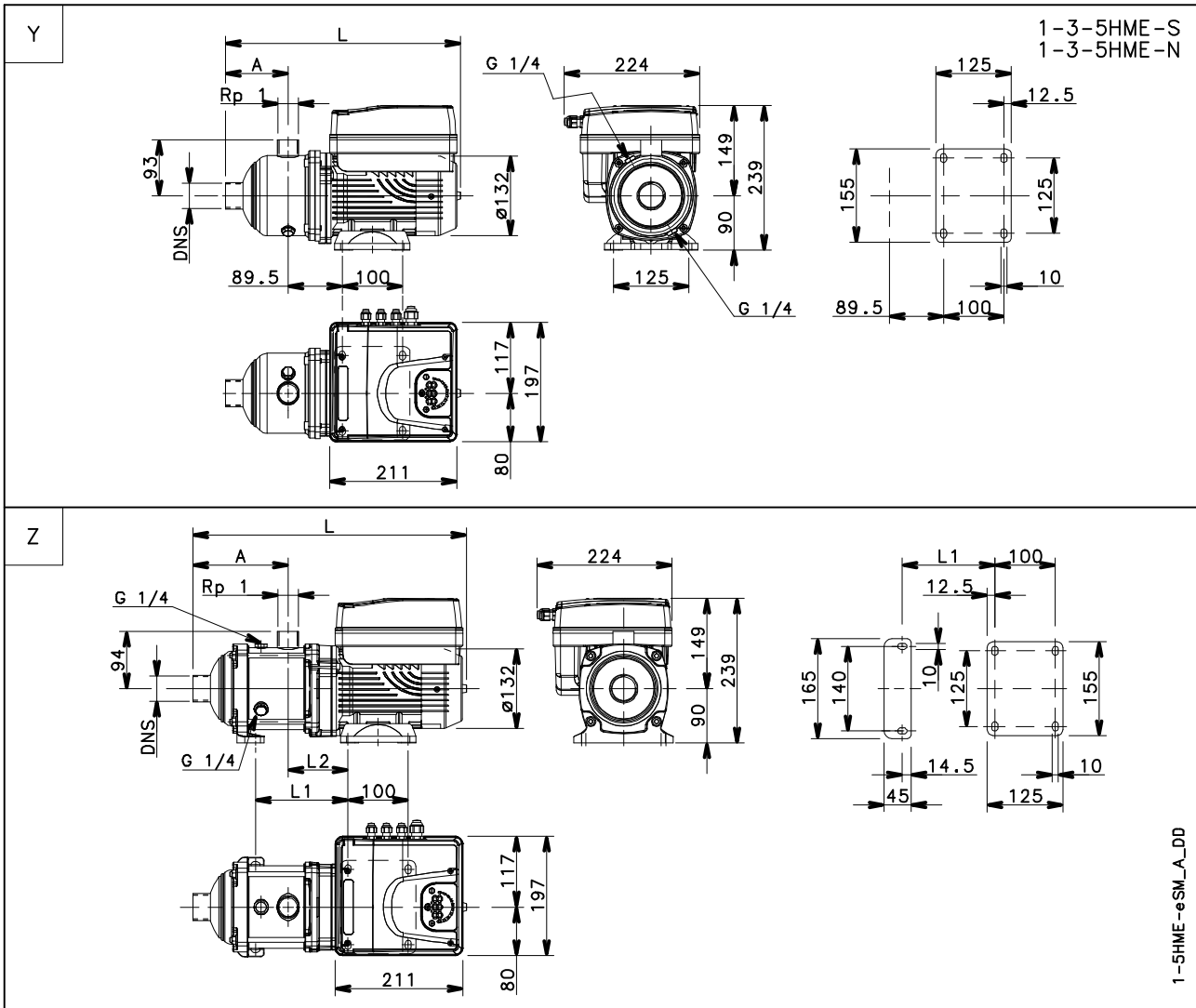


5HME06S11M02VBE

Dimensions

Company name
Contact
Phone number
e-mail address

Drawing



Dimensions mm

A	158					Weight 10 kg
DNS	Rp 1 1/4					
Drawing	Z					
L	454					
L1	153					
L2	99					
PN	10					