

## 10SV01F007M/D

### Technical data

Company name  
Contact  
Phone number  
e-mail address

#### Operating data

Pump type	Single head pump	Fluid	Water, pure
Available system NPSH	m 0	Operating temperature t A	°C 4
Nominal flow	l/min 0	pH-value at t A	7
Nominal head	m 0	Density at t A	kg/dm <sup>3</sup> 1
Static head	m 0	Kin. viscosity at t A	mm <sup>2</sup> /s 1.569
Inlet pressure	bar 0	Vapor pressure at t A	bar 1
Environmental temperature	°C 20	Solids	0
		Altitude	m 0

#### Pump data

Make	Lowara	Nominal	l/min ( )
Speed	1/min 2900	Flow	Max- l/min 233.3
Number of stages	1	Min-	l/min
Max. casing pressure	bar	Nominal	m
Max. working pressure	bar 1.2	Head	at Qmax m 4.2
Head H(Q=0)	m 12	at Qmin	m 11.8
Weight	kg 24	Shaft power	kW ( )
	Max. mm 96	Max. shaft power	kW .4
Impeller R	designed mm 96	Efficiency	%
	Min. mm 96	NPSH 3%	m

#### Pump Materials

Pump body	Stainless steel / AISI 304
Impeller	Stainless steel / AISI 304
Diffuser	Stainless steel / AISI 304
Outer sleeve	Stainless steel / AISI 304
Shaft	Stainless steel / AISI 304
Adapter	Cast iron
Base	Aluminium
Coupling	Aluminium
SEAL HOUSING	Stainless steel / AISI 304
Coupling protection	Stainless steel / AISI 304
Shaft sleeve and bushing	Tungsten carbide
Fill / drain plugs	Stainless steel / AISI 304
Tie rods	Galvanized steel
Wear ring	Technopolymer PPS

#### Shaft Seal

e-SV Mechanical seal	Roten
e-SV - Uniten (-30 / +120 °C)	
1 - Rotating part	Silicon Carbide
2 - Stationary part	Resin impregnated carbon
3 - Elastomers	EPDM
4 - Springs	AISI 316
5 - Other components	AISI 316

#### Motor data

Manufacturer	Lowara	Electric voltage	221 V	Speed	2865 1/min	Insulation class	F
Specific design	IE2 1ph Flange Motor			Frame size	80	Colour	RAL 5010
Type	SM 80 B14 0,75 kW						
Rated power	0.75 kW	Degree of protection	IP55				
Electric current	4.38 A						

#### Remarks:

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## Performance curve

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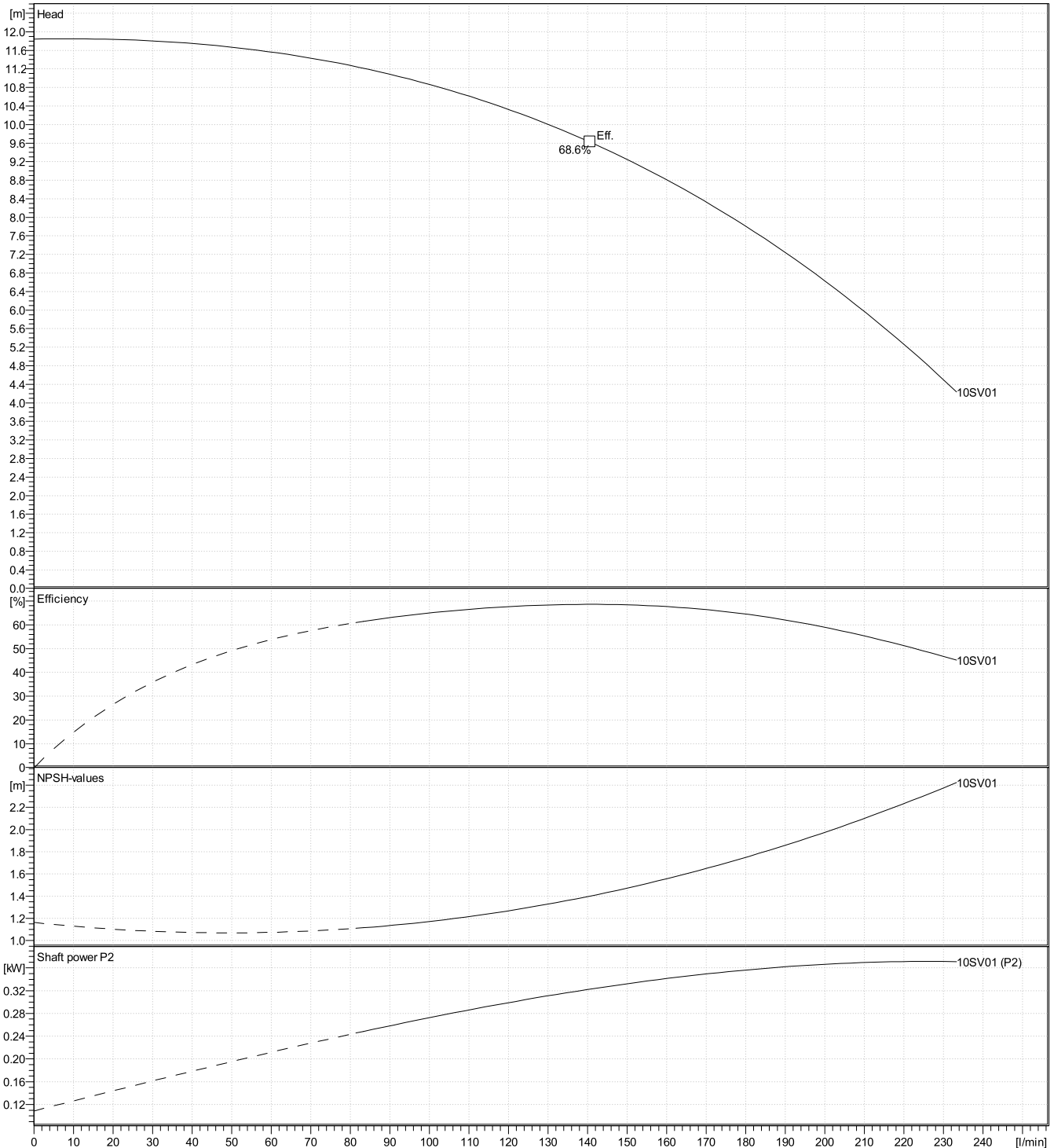
### Hydraulic data

Operating Data Specification		Hydraulic data (duty point)		Impeller design	
Flow	0 l/min	Flow		Impeller R	96 mm
Head	0 m	Head		Frequency	50 Hz
Static head	0 m	MEI	>=0,7	Speed	2900 1/min

**Power datas referred to:**

Water, pure [100%] ; 4°C; 1kg/dm³; 1.57mm²/s

Performance according to ISO 9906:2012 – Grade 3B

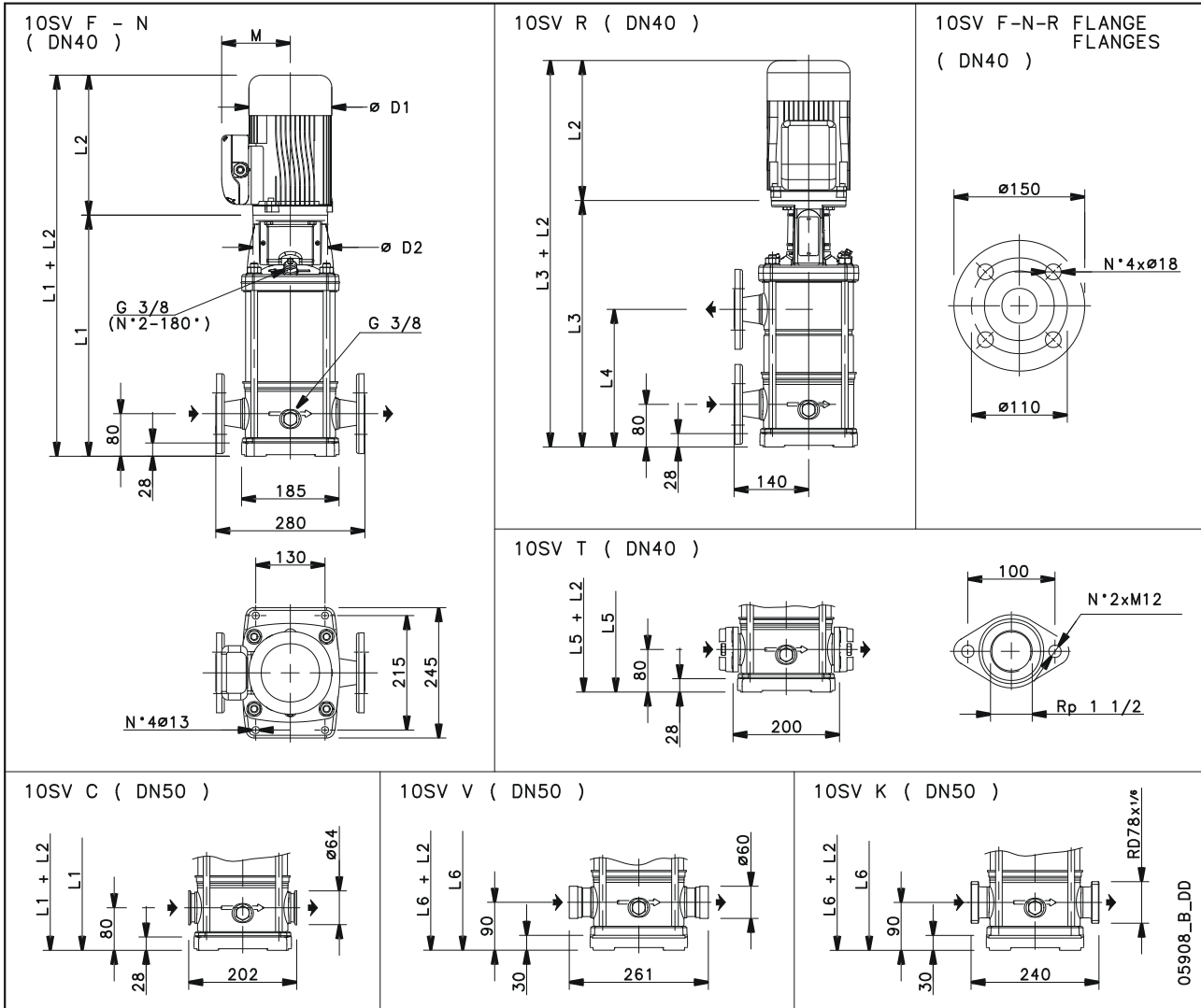


**10SV01F007M/D**

**Dimensions**

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**Drawing**



**Dimensions mm**

D1	155					Weight 20 kg
D2	120					
L1	357					
L2	263					
L5	357					
L6	367					
M	137					