

**Receiver**

 Society  
 Reference  
 Address  
 Phone  
 Fax  
 E-mail

**From**

 -  
 -  
 -

**Item n° :**  
 60140019

**Model :**  
 S4F-7 M 230 V OL

Inverter application : Allowed - min. 30Hz

**Pump data**

 MEI  $\geq$  0,40

P2 nominal requested : 2.2 kW

Min. fluid temperature : 0 °C

Max. fluid temperature : 40 °C

Max. Ambient temperature :

**Requested data**

Flow : 0 l/min

Head : 0 m

Fluid : Water

Fluid Temperature : 20 °C

 Density : 62.315 lb/ft<sup>3</sup>

 Kinematic viscosity : 1.0769E-5 ft<sup>2</sup>/s

Vapor pressure : 2.2045 kPa

**Hydraulic data (duty point)**

Flow :

Head :

Efficiency :

NPSH :

**Materials**

Lower support AISI 304 microfuse

Impeller Technopolymer A / AISI 304

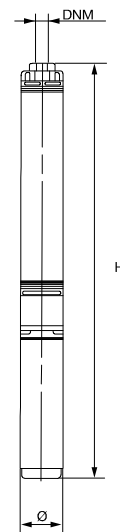
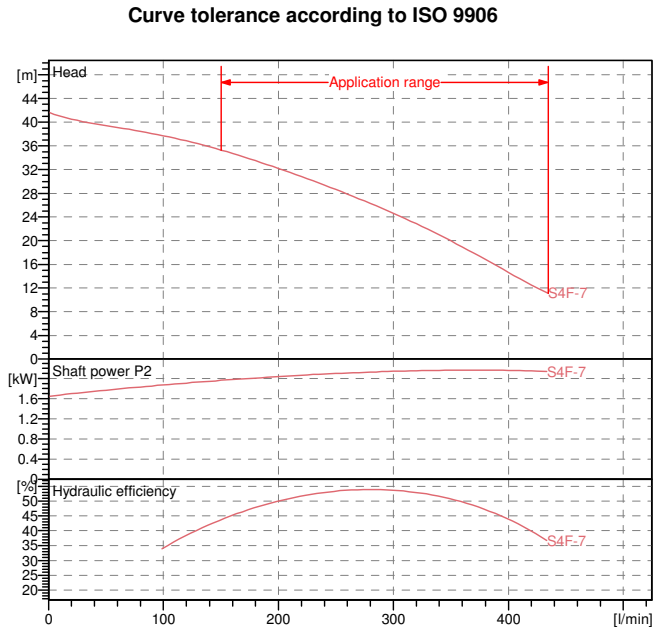
Diffuser Technopolymer A

Impeller Lock nut Stainless steel

Cable cover AISI 304 X5 Cr Ni 1810 UNI 6900/71

Shaft with rotor AISI 304 X5 Cr Ni 1810 UNI 6900/71

Filter Stainless steel


**Weight :** 53.131 lb

**Motor data**

Motor brand : TESLA

Nominal power P2 : 2.2 kW

Rated voltage : 1~ 230 V 50 Hz

Nominal current : 14 A

Number of poles : 2

Rated speed : 2800 rpm

Degree of protection : IP 68

**Dimensions in mm**

DNM	2" G-F				
H	1181.5				
Ø	97				

**Pump connection**

Discharge side : 2" G-F



# DATA SHEET

03-07-2017

Page 4 / 9

DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

### Receiver

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### From

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### Motor Code :

### Motor :

Motor: 4OL 2,2 kW 230 V M

### Materials

### Motor data

Motor brand : TESLA  
Nominal power P2 : 2.2 kW  
Rated voltage : 1~ 230 V 50 Hz  
Nominal current : 14 A  
Number of poles : 2  
Rated speed : 2800 rpm  
Degree of protection : IP 68  
Inverter application : Allowed - min. 30Hz  
Power factor : 0.87  
Efficiency : 78 %  
Cable section Ø mm<sup>2</sup> : 4x1,5  
Cable length m : 1,7  
Cooling flow :

**Weight :** 32.187 lb

**Dimensions in mm**

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WATER • TECHNOLOGY

# DERATING

03-07-2017

Page 5 / 9

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Motor Code :

Motor: 4OL 2,2 kW 230 V M



# PERFORMANCE CURVES

03-07-2017

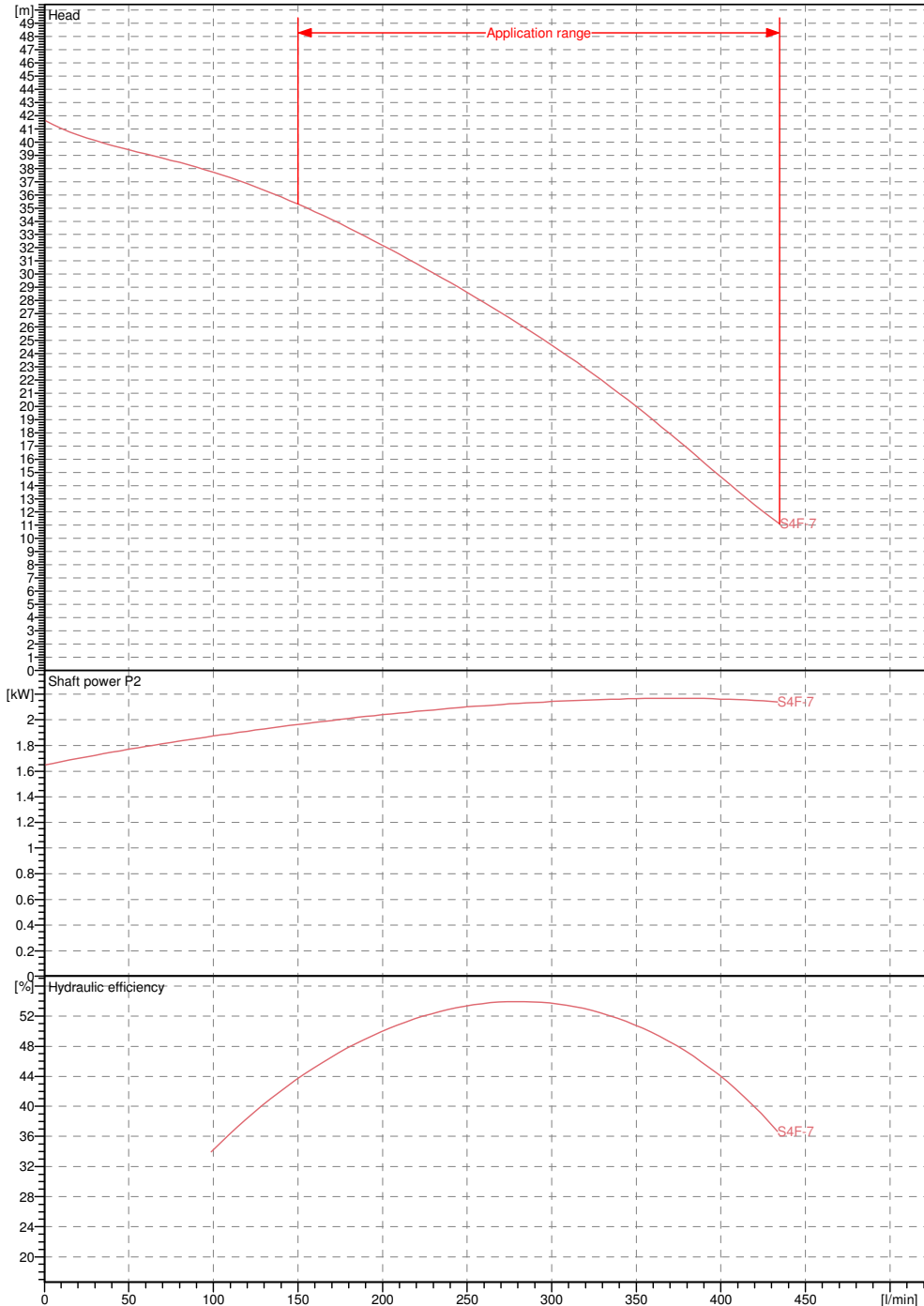
Page 8 / 9

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## S4F-7 M 230 V OL

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side : 2" G-F --	Flow : 0 l/min	Head : 0 m	Rated speed : 2800 rpm
Project	Project ID	Created by	Created on <b>03-07-2017</b>	



# DIMENSIONAL DRAWING

03-07-2017

Page 9 / 9

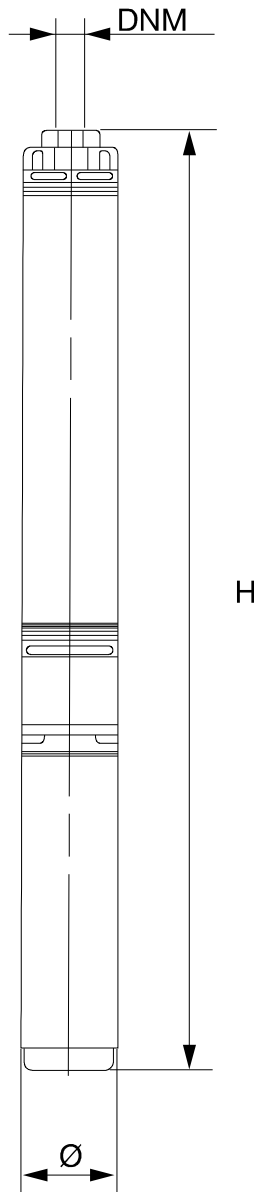
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## S4F-7 M 230 V OL



### Dimensions in mm

1	DNM	2" G-F				
2	H	1181.5				
3	$\varnothing$	97				

### Pump connection

Suction

Discharge  
2" G-F  
--

Project

Project ID

Created by

Created on

03-07-2017