

**Receiver**

 Society  
 Reference  
 Address  
 Phone  
 Fax  
 E-mail

**From**

 -  
 -  
 -

**Item n° :**

60118294

**Model :**

S4E-20 T 400 V OL

Inverter application :

Allowed - min. 30Hz

**Pump data**

 MEI  $\geq$  0,40

P2 nominal requested : 3 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

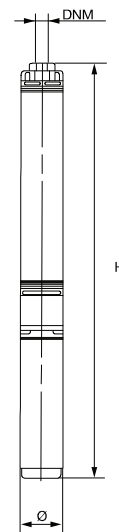
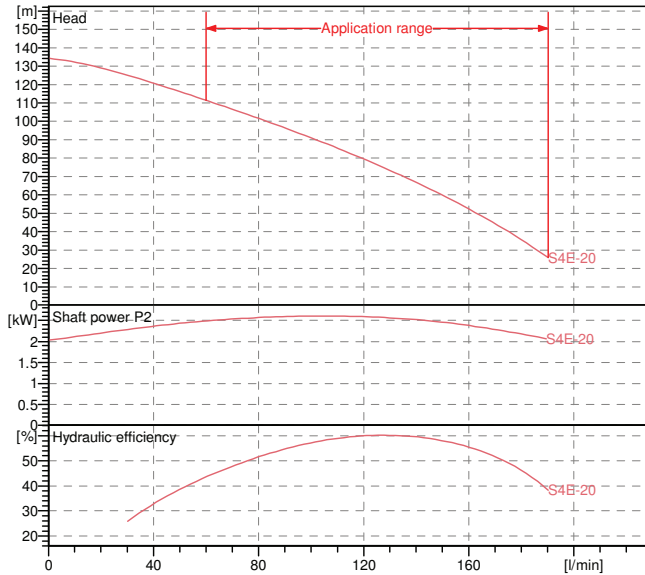
Diffuser Technopolymer A

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

**Curve tolerance according to ISO 9906**

**Weight :** 46.737 lb

**Motor data**

Motor brand : TESLA

Nominal power P2 : 3 kW

Rated voltage : 3~ 400 V 50 Hz

Nominal current : 7.9 A

Number of poles : 2

Rated speed : 2840 rpm

Degree of protection : IP 68

**Dimensions in mm**

DNM	2" G-F				
H	1788				
Ø	97				

**Pump connection**

Discharge side : 2" G-F



# DATA SHEET

04-08-2017

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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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### Motor Code :

### Motor :

4OL 3 kW 400/50 460/60 T

### Materials

### Motor data

Motor brand : TESLA  
Nominal power P2 : 3 kW  
Rated voltage : 3~ 400 V 50 Hz  
Nominal current : 7.9 A  
Number of poles : 2  
Rated speed : 2840 rpm  
Degree of protection : IP 68  
Inverter application : Allowed - min. 30Hz  
Power factor : 0.73  
Efficiency : 75 %  
Cable section Ø mm<sup>2</sup> : 4x1,5  
Cable length m : 2,7  
Cooling flow :

**Weight :** 38.58 lb

**Dimensions in mm**

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# DERATING

04-08-2017

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Motor Code :

4OL 3 kW 400/50 460/60 T



# PERFORMANCE CURVES

04-08-2017

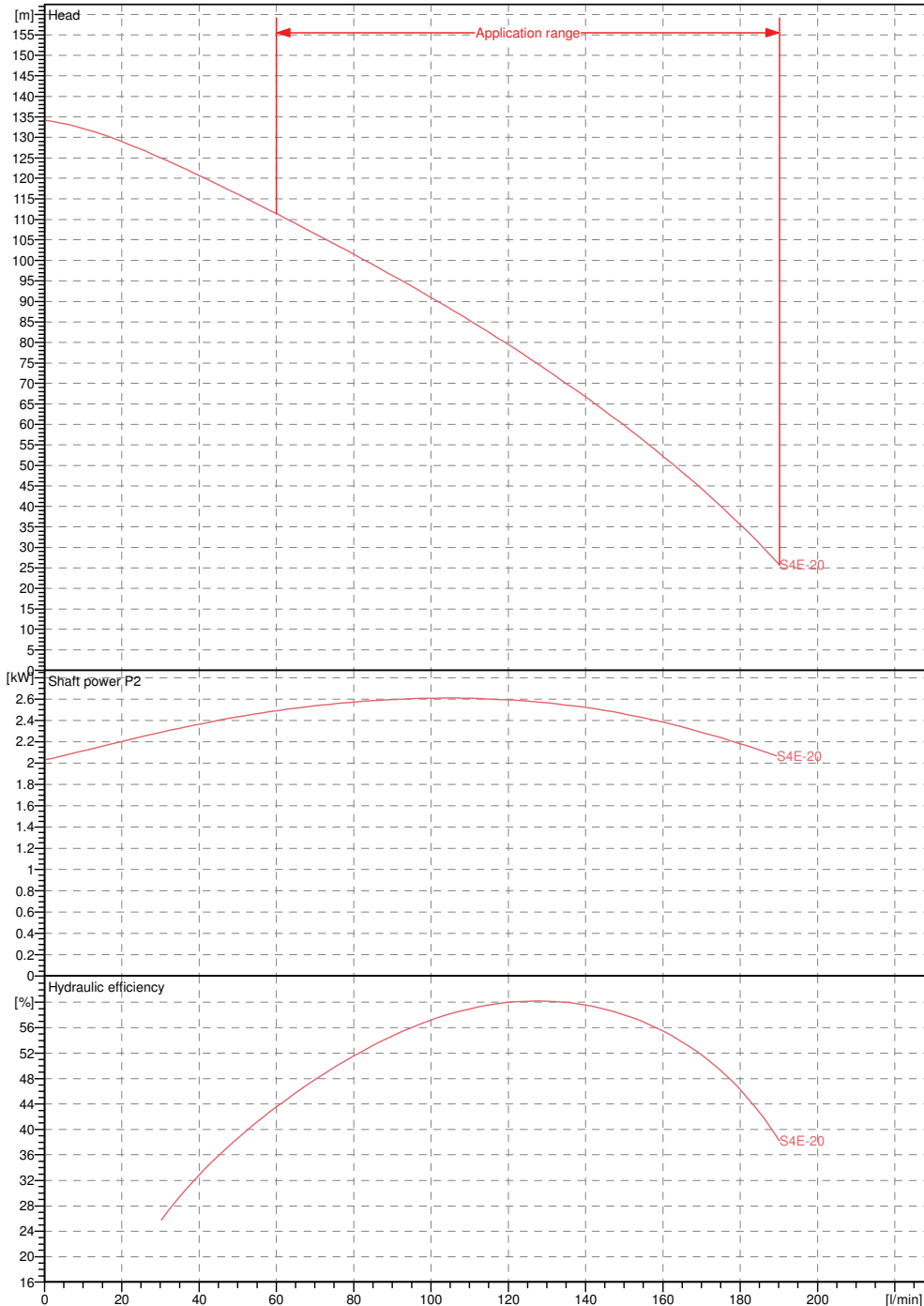
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Address	-	-
Phone		
Fax		
E-mail		

## S4E-20 T 400 V OL

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side :	Flow :	Head :	Rated speed :
	2" G-F	0 l/min	0 m	2840 rpm
Project	Project ID	Created by	Created on	
			04-08-2017	



# DIMENSIONAL DRAWING

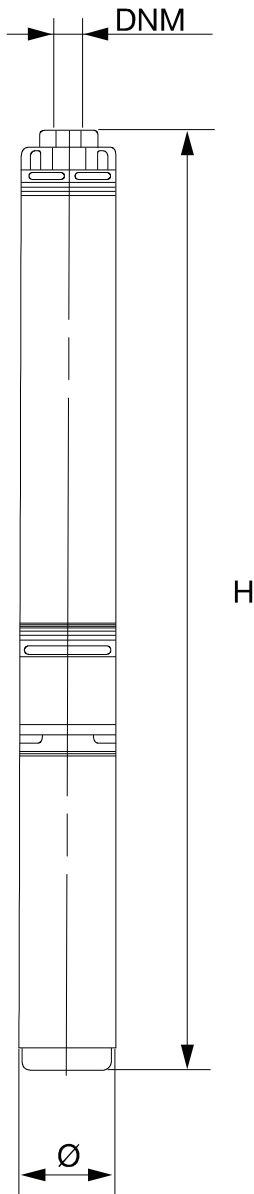
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Society Reference Address Phone Fax E-mail	<b>Receiver</b>	<b>From</b>

## S4E-20 T 400 V OL



Dimensions in mm						Pump connection
1	DNM	2" G-F				Suction
2	H	1788				Discharge
3	Ø	97				2" G-F
						--

Project	Project ID	Created by	Created on <b>04-08-2017</b>
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