

Receiver

 Society
 Reference
 Address
 Phone
 Fax
 E-mail

From

 -
 -
 -

Item n° :

60160387

Model :

S4D-45 T 400 V OL

Inverter application :

Allowed - min. 30Hz

Pump data

 MEI \geq 0,40

P2 nominal requested : 4 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/ft³

 Kinematic viscosity : 1.0769E-5 ft²/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

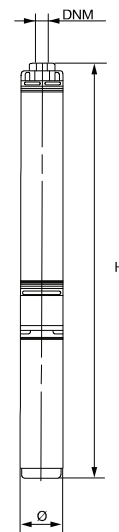
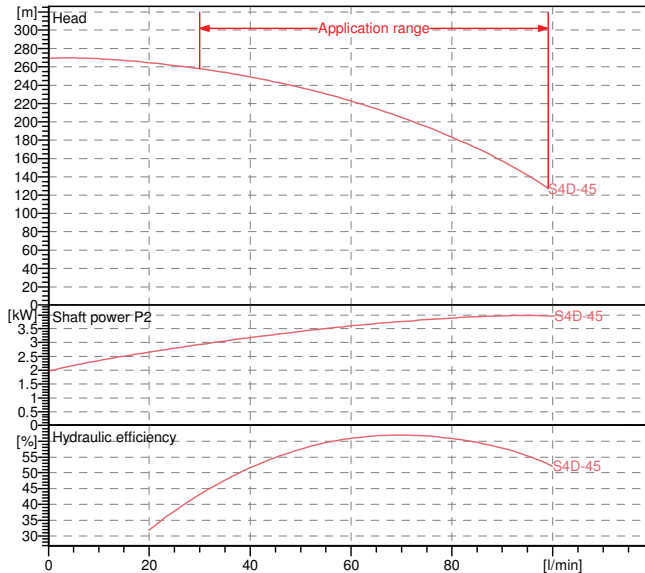
Diffuser Technopolymer A

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 : 88.624 lb

Motor data

Motor brand : TESLA

Nominal power P2 : 4 kW

Rated voltage : 3~ 400 V 50 Hz

Nominal current : 10.2 A

Number of poles : 2

Rated speed : 2850 rpm

Degree of protection : IP 68

Dimensions in mm

DNM	1"1/4 G-F				
H	2283				
Ø	97				

Pump connection

Discharge side : 1" 1/4 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
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Motor Code :

Motor :

4OL 4 kW 400/50 460/60 T

Materials

- Stainless Steel AISI 304 L
- Acciaio Inox AISI 304/Duplex
- Ghisa nichelata
- Carbon/Ceramic
- NBR
-
- Stainless Steel AISI 304
- EPDM
-
-
- EPDM
- Stainless Steel AISI 316
- NBR
- Stainless Steel AISI 304
- Olio minerale

Motor data

Motor brand : TESLA
Nominal power P2 : 4 kW
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 10.2 A
Number of poles : 2
Rated speed : 2850 rpm
Degree of protection : IP 68
Inverter application : Allowed - min. 30Hz
Power factor : 0.74
Efficiency : 76 %
Cable section Ø mm² : 4x1,5
Cable length m : 2,7
Cooling flow :

Weight : 45.855 lb

Dimensions in mm

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DERATING

04-08-2017

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Motor Code :

4OL 4 kW 400/50 460/60 T



PERFORMANCE CURVES

04-08-2017

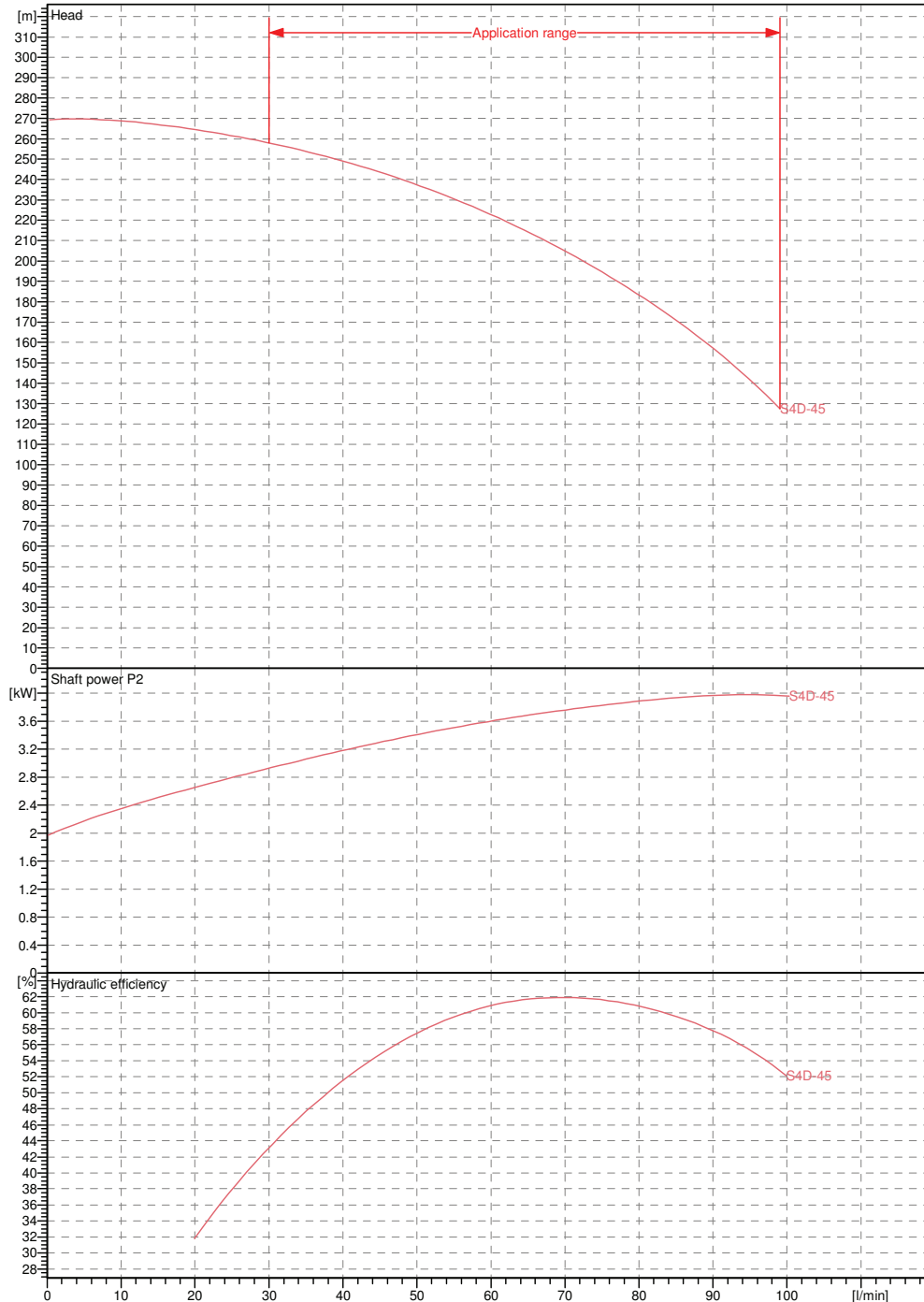
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S4D-45 T 400 V OL

Curve tolerance according to ISO 9906



Hydraulic data (duty point)

Suction side :	Discharge side : 1 " 1/4 G-F --	Flow : 0 l/min	Head : 0 m	Rated speed : 2850 rpm
Project	Project ID	Created by	Created on 04-08-2017	



WATER • TECHNOLOGY

DIMENSIONAL DRAWING

04-08-2017

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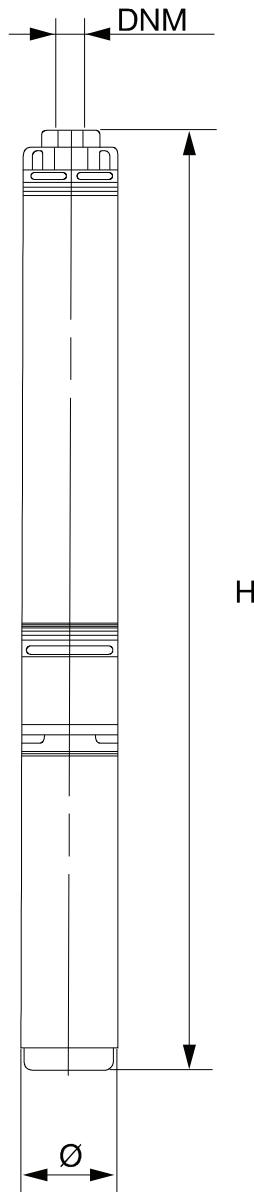
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S4D-45 T 400 V OL



Dimensions in mm

Pump connection

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2	H	2283							Suction
3	\varnothing	97							Discharge 1" 1/4 G-F --

Project

Project ID

Created by

Created on

04-08-2017