

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° :

Customer pos. no.:

60169670

Model :

1 NKV 45/4 T E1 IE3

Pump data

MEI ≥

Pressure rating : 232,1 psi

Min. fluid temperature : 0 °C

Max. fluid temperature : 120 °C

Max. Ambient temperature : 50 °C

Requested data

Flow :

Head :

Fluid (%) :

Fluid Temperature : 20 °C

Density : 998,3 kg/m³

Kinematic viscosity : 1,005 mm²/s

Vapor pressure : 0,34 psi

Real duty point

Flow :

Head :

NPSH :

Shaft power P2 :

Efficiency :

Materials

Pump body Cast iron with cataphoresis

External sleeve Stainless Steel AISI 304

Impeller Stainless Steel AISI 304

Pump shaft Stainless Steel AISI 431

Mechanical seal SEE "SHAFT SEAL" SECTION

Diffuser body and diffuser Stainless Steel AISI 304/Carbon

Baseplate Galvanized steel

Shaft seal

Type AISI 316

Stationary part Carbon

Rotating part Silicon carbide

Elastomer EPDM

Motor data main pump:

Nominal power P2 : 15 kW

Rated speed : 2.940 1/min

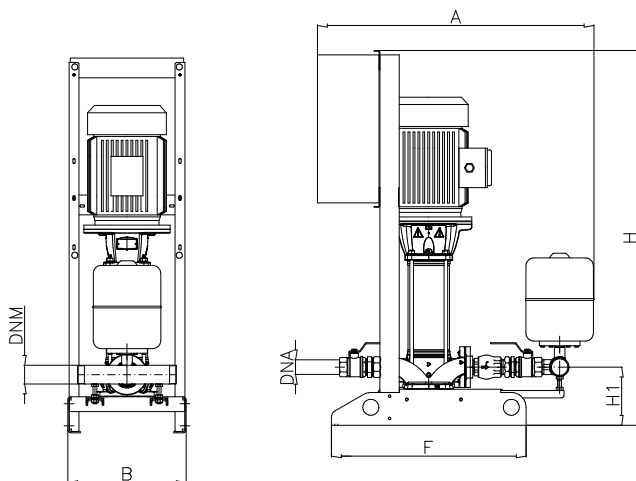
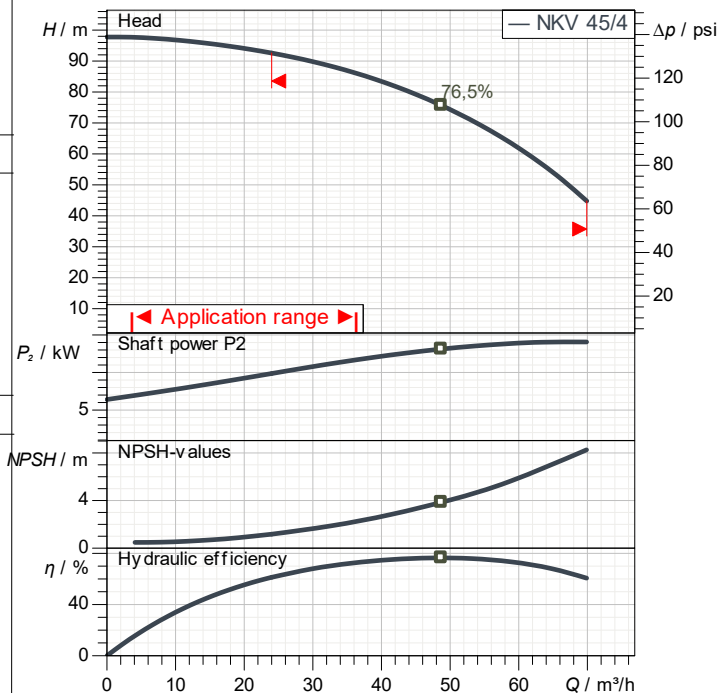
Rated voltage : 3~ 400 V

50 Hz

Nominal current : 26,5 A

Degree of protection : IP 55

Curve tolerance according to ISO 9906



Weight : 0 kg

Dimensions in mm

A 1.349
B 535
DNA 3"
DNM DN 100
F 890
H 1.614
H1 306

Pump connection

Suction side : 3" / 232,1 psi

Discharge side : DN 100 / 232,1 psi



PERFORMANCE CURVES

19/09/24

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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

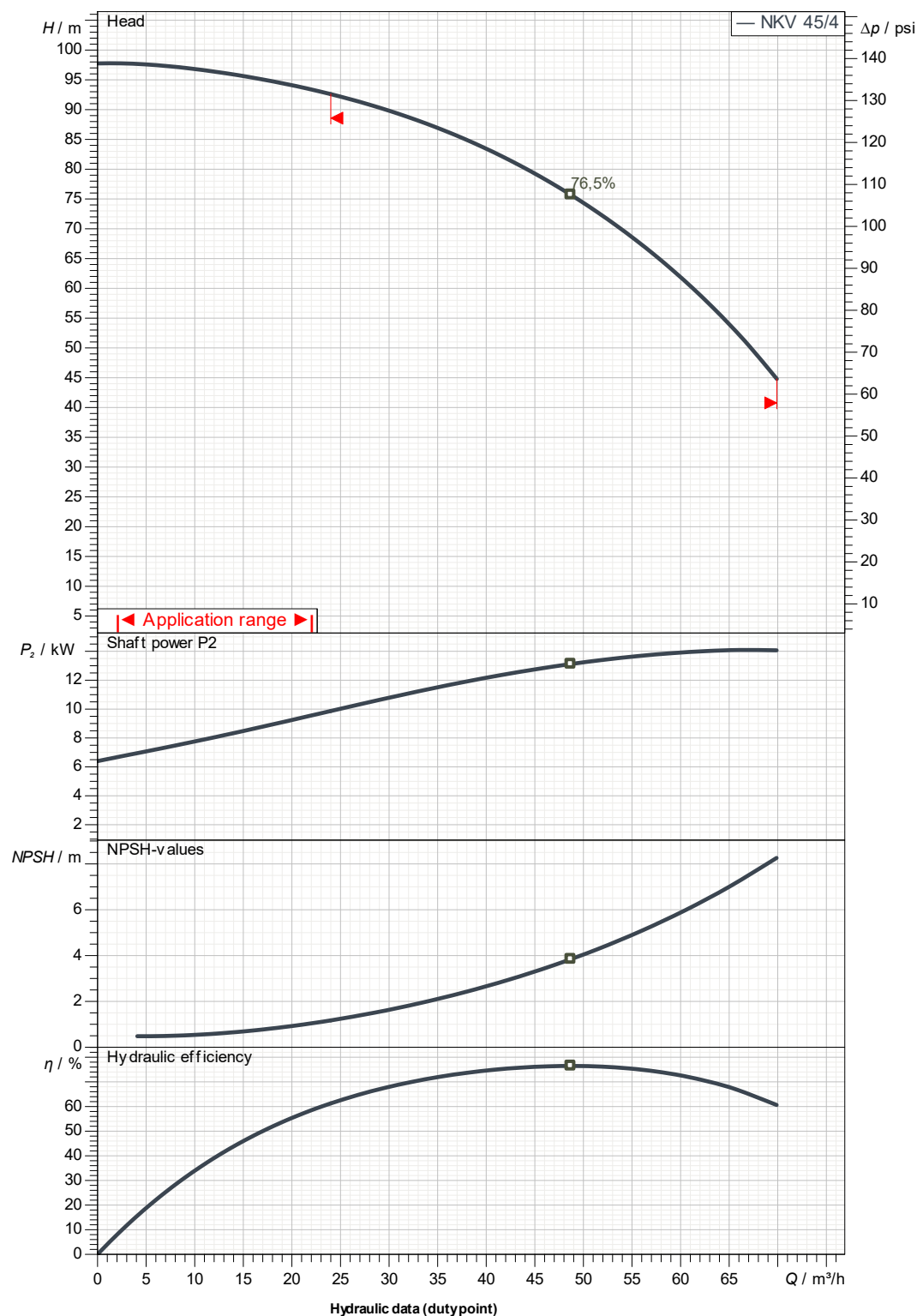
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1 NKV 45/4 T E1 IE3

Curve tolerance according to ISO 9906



Suction side :
3 "
232,1 psi

Discharge side :
DN 100
232,1 psi

Flow :

Head :

Rated speed :	2.940 1/min
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Project

Project ID

Created by

Created on	
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19/09/24



DIMENSIONAL DRAWING

19/09/24

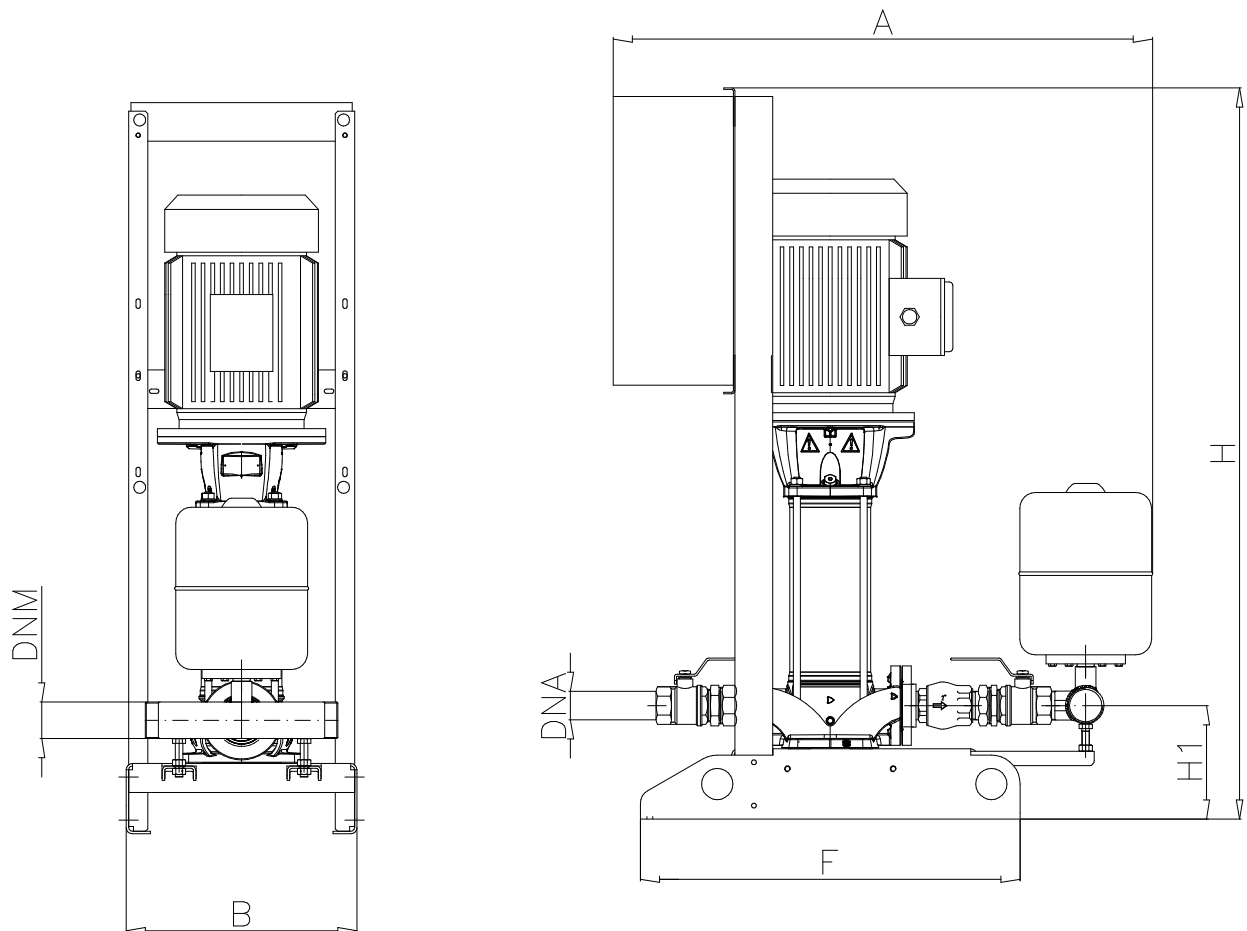
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Dimensions in mm

Pump connection

1	A	1.349								
2	B	535								
3	DNA	3"								
4	DNM	DN 100								
5	F	890								
6	H	1.614								
7	H1	306								
8										
9										
10										
11										

Suction

3"

232,1 psi

Discharge

DN 100

232,1 psi

Project

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