

Receiver

Company
Reference
Address
Phone
Fax
E-mail

From

Item n° :

60169668

Customer pos. no.:

Model :

1 NKV 45/3 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

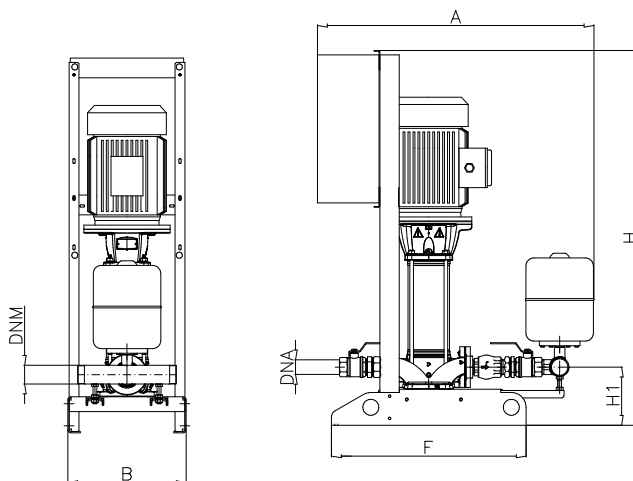
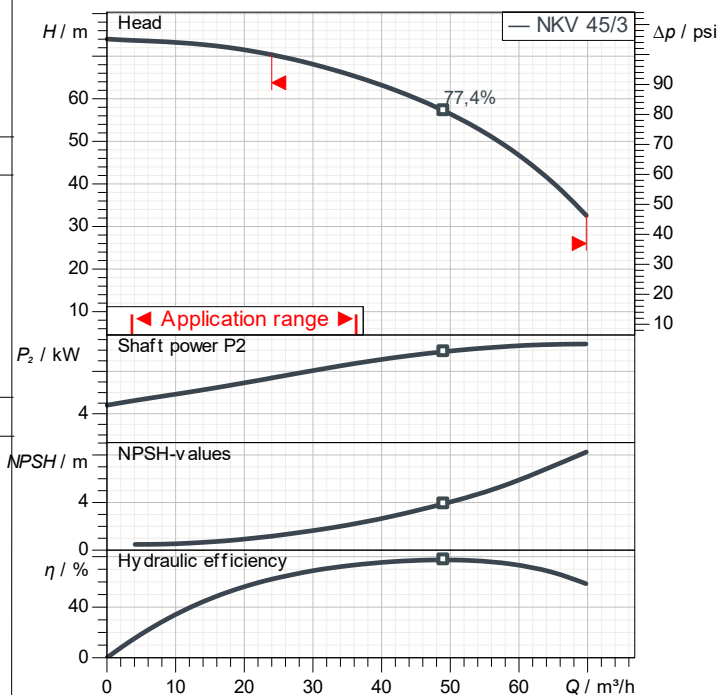
Shaft seal

Type AISI 316
Stationary part Carbon
Rotating part Silicon carbide
Elastomer EPDM

Motor data main pump:

Nominal power P2 : 11 kW
Rated speed : 2.930 1/min
Rated voltage : 3~ 400 V 50 Hz
Nominal current : 19,7 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 1.532
H1 306

Pump connection

Suction side : 3" / 232,1 psi
Discharge side : DN 100 / 232,1 psi

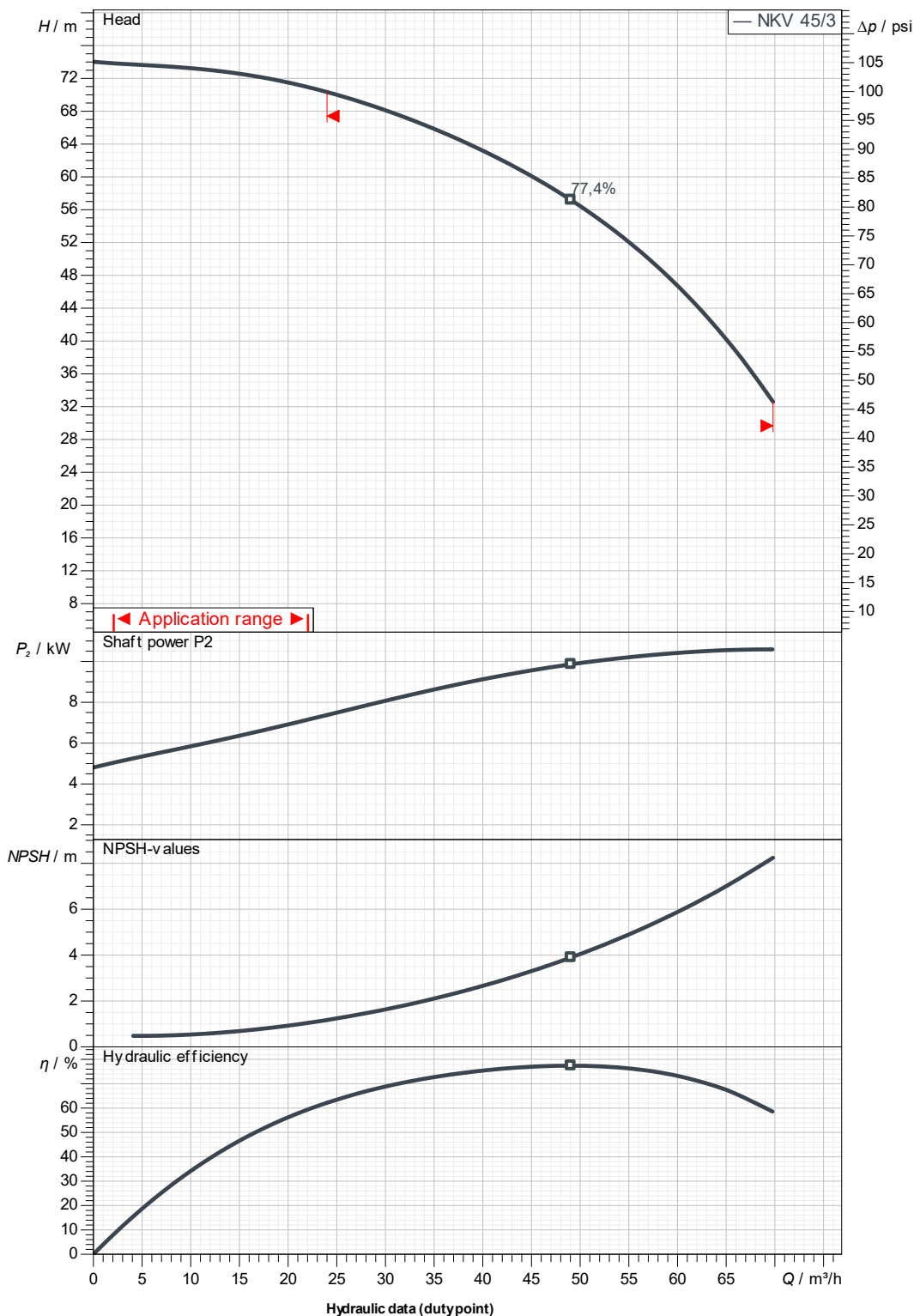
Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

1 NKV 45/3 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 :
2.930 1/min

Project

Project ID

Created by

Created on

19/09/24



DIMENSIONAL DRAWING

19/09/24

Page 3 / 3

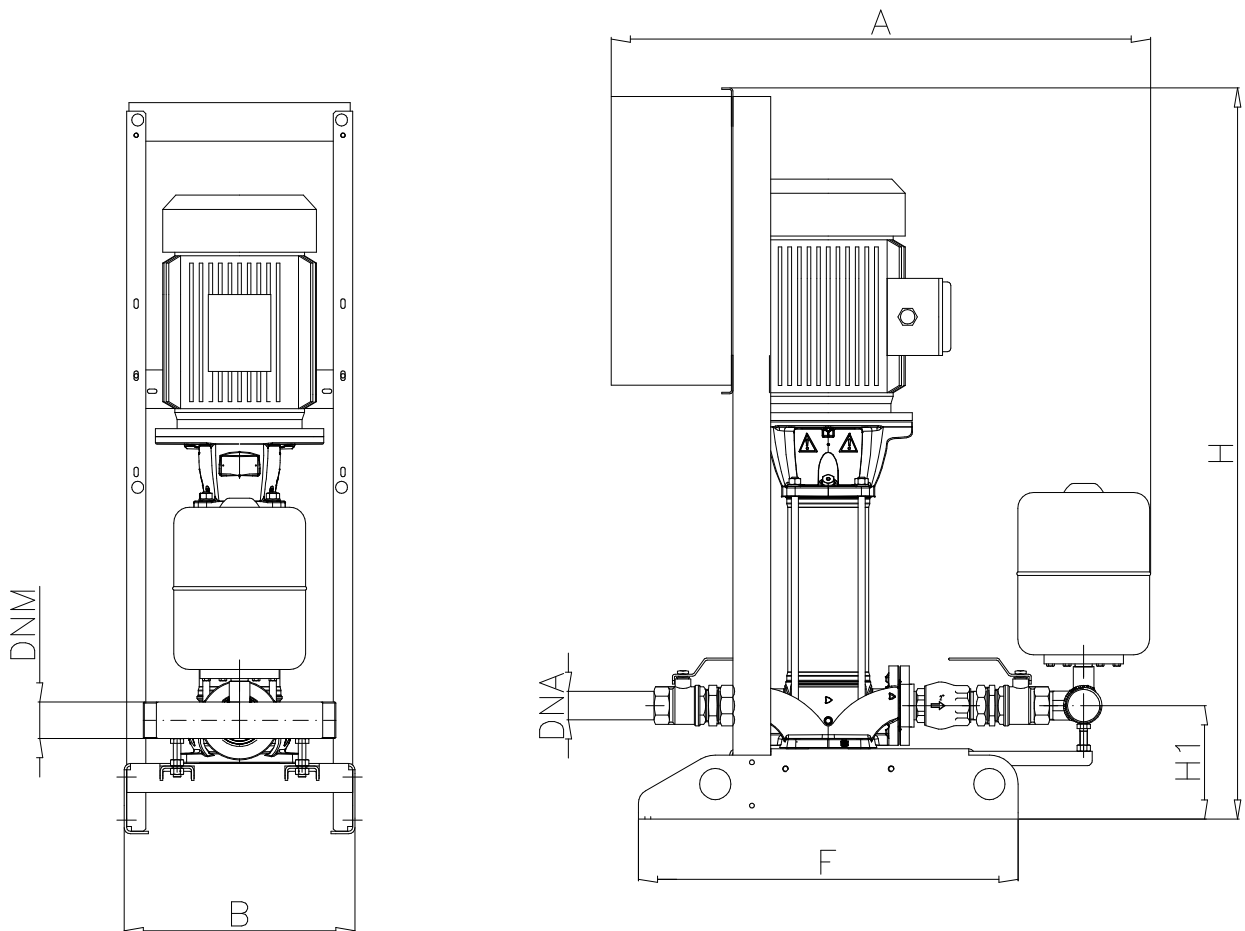
DAB PUMPS S.p.A.
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy
Tel. +39 049 5125000 - Fax +39 049 5125950
www.dabpumps.com

Receiver

From

Company
Reference
Address
Phone
Fax
E-mail

1 NKV 45/3 T E1 IE3



Dimensions in mm

Pump connection

1	A	1.349								
2	B	535								
3	DNA	3"								
4	DNM	DN 100								
5	F	890								
6	H	1.532								
7	H1	306								
8										
9										
10										
11										

Suction

3"

232,1 psi

Discharge

DN 100

232,1 psi

Project

Project ID

Created by

Created on

19/09/24