

## Receiver

Company  
Reference  
Address  
Phone  
Fax  
E-mail

## From

Item n° : Customer pos. no.:

60169618

Model :

1 NKV 20/8 ST 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 Stainless Steel AISI 304

External sleeve Stainless Steel AISI 304

Impeller Stainless Steel AISI 304

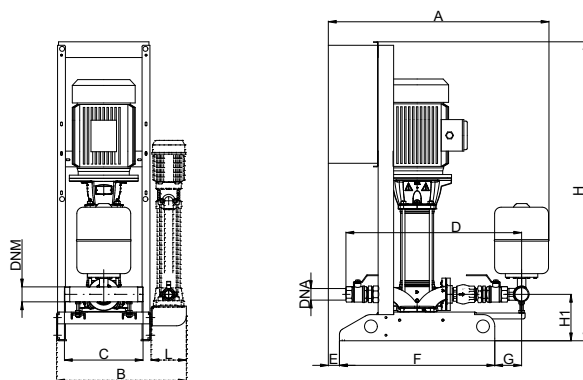
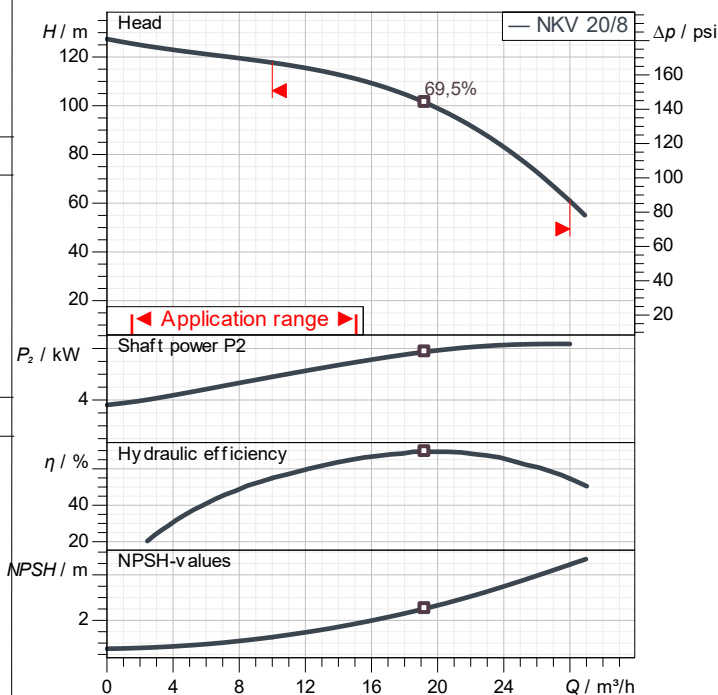
Pump shaft Stainless Steel AISI 304

Mechanical seal SEE "SHAFT SEAL" SECTION

Diffuser body and diffuser Stainless Steel AISI 304

Baseplate Galvanized steel

## Curve tolerance according to ISO 9906



| DESCRIZIONE  | A    | B   | C   | D   | E  | F   | G   | H    | H1  | L   | DNA    | DNM    |
|--------------|------|-----|-----|-----|----|-----|-----|------|-----|-----|--------|--------|
| 1NKV 10+PP   | 1080 | 660 | 400 | 790 | 60 | 790 | 72  | 1525 | 226 | 180 | 1" 1/2 | 2"     |
| 1NKV 1520+PP | 1125 | 660 | 400 | 880 | 60 | 790 | 136 | 1525 | 226 | 180 | 2"     | 2" 1/2 |

## 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

Weight : 0 kg

## Dimensions in mm

A 1.125  
B 660  
C 400  
D 880  
DNA 2"  
DNM 2" 1/2  
E 60  
F 790

G 136  
H 1.525  
H1 236  
L 180

## Pump connection

Suction side : 2" / 232,1 psi

Discharge side : 2" 1/2 / 232,1 psi

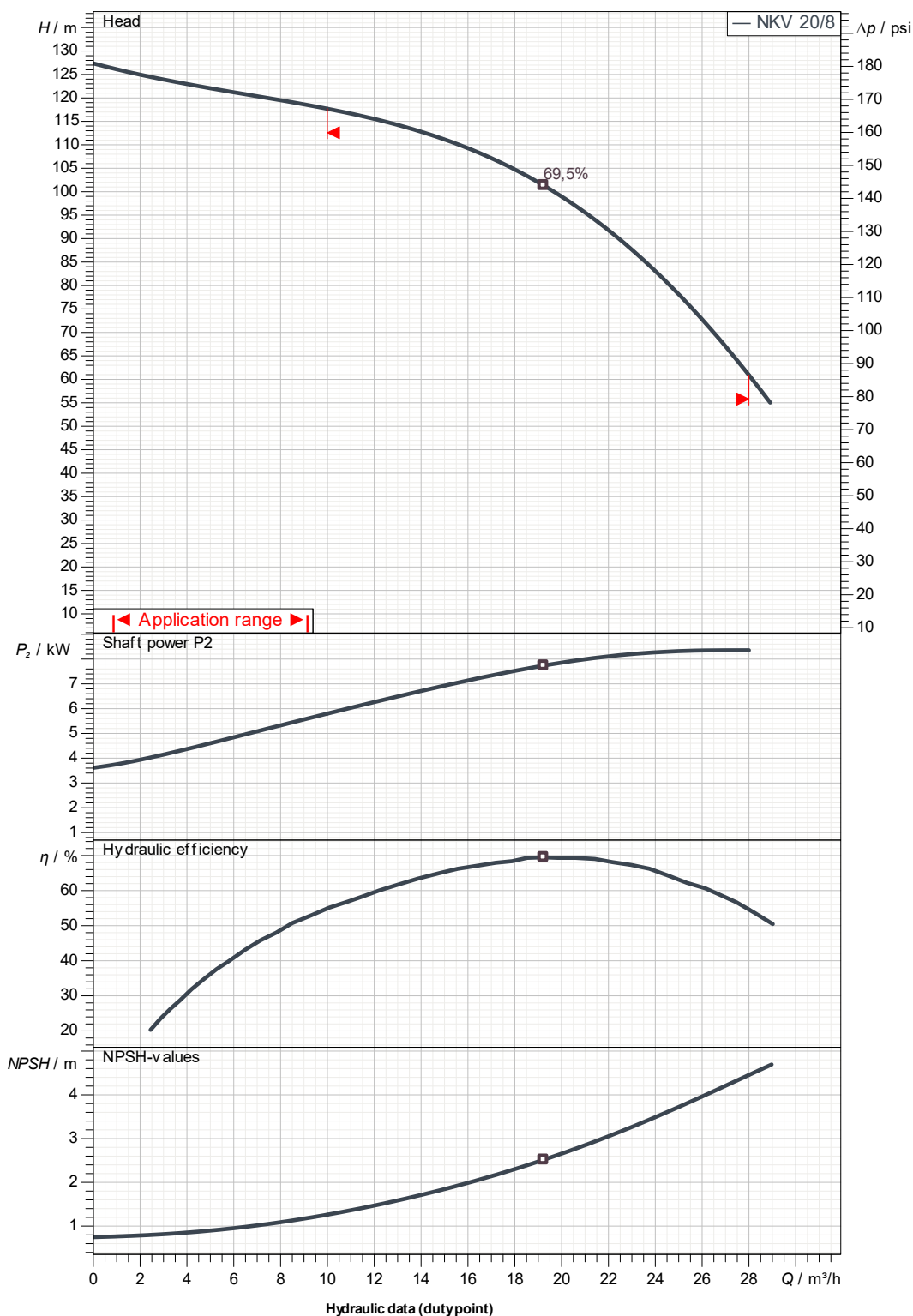
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## 1 NKV 20/8 S T E1 IE3

Curve tolerance according to ISO 9906



Suction side :  
2"  
232,1 psi

Discharge side :  
2" 1/2  
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

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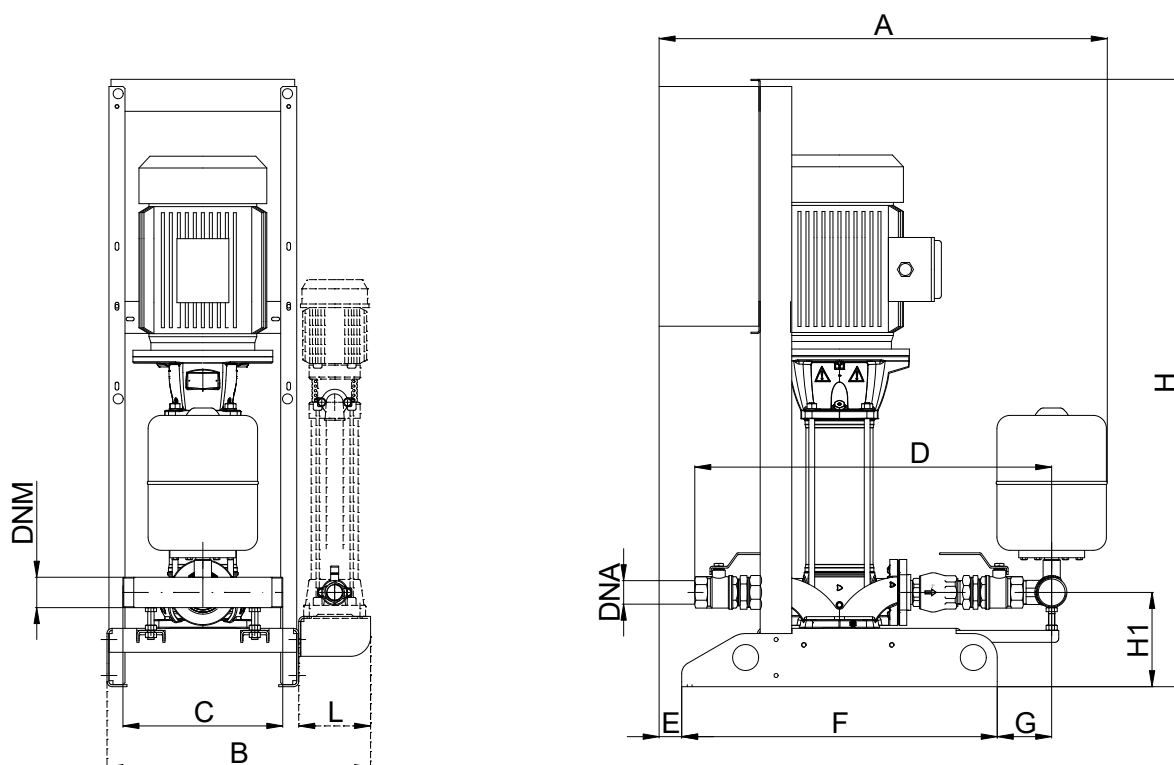
DAB PUMPS S.p.A.  
Via Marco Polo, 14 - 35035 Mestrino (PD), Italy  
Tel. +39 049 5125000 - Fax +39 049 5125950  
www.dabpumps.com

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### 1 NKV 20/8 S T E1 IE3



| DESCRIZIONE   | A    | B   | C   | D   | E  | F   | G   | H    | H1  | L   | DNA   | DNM   |
|---------------|------|-----|-----|-----|----|-----|-----|------|-----|-----|-------|-------|
| 1 NKV10+PP    | 1060 | 660 | 400 | 790 | 60 | 790 | 72  | 1525 | 226 | 180 | 1"1/2 | 2"    |
| 1 NKV15-20+PP | 1125 | 660 | 400 | 880 | 60 | 790 | 136 | 1525 | 236 | 180 | 2"    | 2"1/2 |

#### Dimensions in mm

#### Pump connection

|    |     |        |   |     |  |  |  |  |  |  |  |  |
|----|-----|--------|---|-----|--|--|--|--|--|--|--|--|
| 1  | A   | 1.125  | L | 180 |  |  |  |  |  |  |  |  |
| 2  | B   | 660    |   |     |  |  |  |  |  |  |  |  |
| 3  | C   | 400    |   |     |  |  |  |  |  |  |  |  |
| 4  | D   | 880    |   |     |  |  |  |  |  |  |  |  |
| 5  | DNA | 2"     |   |     |  |  |  |  |  |  |  |  |
| 6  | DNM | 2" 1/2 |   |     |  |  |  |  |  |  |  |  |
| 7  | E   | 60     |   |     |  |  |  |  |  |  |  |  |
| 8  | F   | 790    |   |     |  |  |  |  |  |  |  |  |
| 9  | G   | 136    |   |     |  |  |  |  |  |  |  |  |
| 10 | H   | 1.525  |   |     |  |  |  |  |  |  |  |  |
| 11 | H1  | 236    |   |     |  |  |  |  |  |  |  |  |

Suction

2"

232,1 psi

Discharge

2" 1/2

232,1 psi

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