

Needle valve with flanges type NV04



description:

A needle valve is useful if a liquid or gaseous media has to be regulated exactly or the flow rate has to be metered accurately.

features:

- suitable for neutral and not neutral **gaseous & liquid media**
- accurate regulation
- with handwheel

connection:

DN15, DN20, DN25

construction:

with handwheel

pressure:

0 – 40 bar

Design:

Material bonnet:

Material spindle:

Material flanged body

Material packing:

Material handwheel:

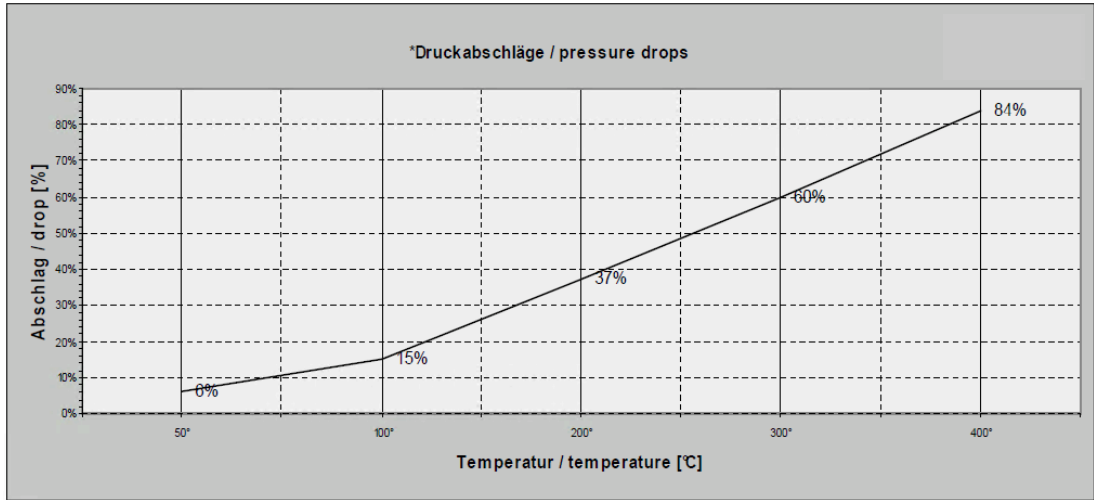
temperature:

pressure:

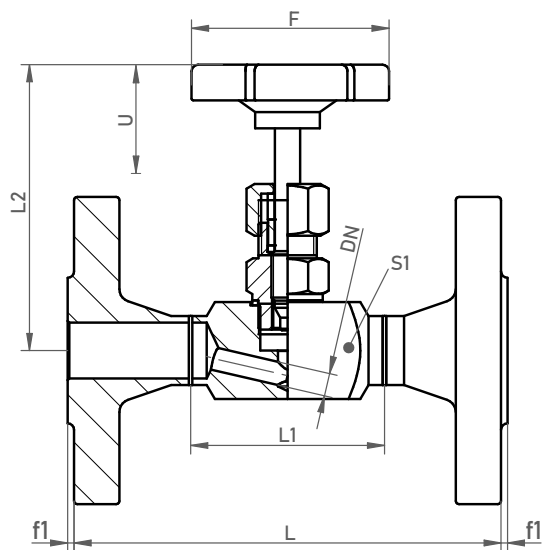
Block design with flanges according to DIN EN 1092-1 11 form B1
Stainless steel 1.4571 / AISI 316Ti
Stainless steel 1.4571 / AISI 316Ti
Stainless steel 1.4571 / AISI 316Ti
PTFE
Plastic
20°C up to max. +250°C
0 – 40 bar

Pressure reduction at high temperature:

Temperature	50°C	100°C	200°C	300°C	400°C
Pressure reduction	6%	15%	37%	60%	84%

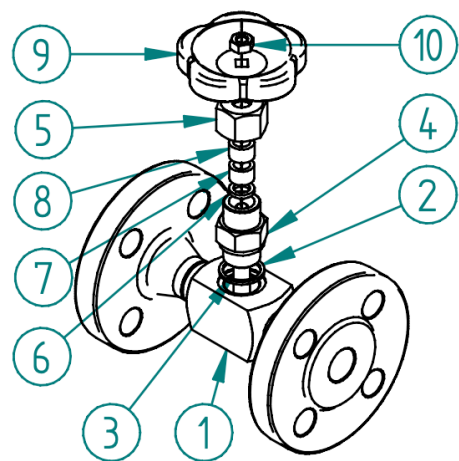


Dimensions:



DN	connection	PN	L	L1	L2	f1	F	S1	U	Kv-value	weight
mm	flange	bar	mm	mm	mm	mm	mm	mm	mm	[m³/h]	kg
7	DN15	40	132	60	85	2	63	30	12	0,66	1,95
9	DN20	40	151,4	70	105	2	63	35	5	1,31	2,94
12	DN25	40	176	100	125	2	90	45	10	2,2	4,20

Materials:



Pos.	Part	Material
1	flanged body	stainless steel 1.4571 / AISI 316Ti
2	sealing ring	stainless steel 1.4571 / AISI 316Ti
3	spindle	stainless steel 1.4571 / AISI 316Ti
4	bonnet	stainless steel 1.4571 / AISI 316Ti
5	nut	stainless steel 1.4571 / AISI 316Ti
6	ring	stainless steel 1.4571 / AISI 316Ti
7	packing	PTFE
8	gland nut	stainless steel 1.4571 / AISI 316Ti
9	handwheel	plastic
10	hexagon nut	stainless steel 1.4571 / AISI 316Ti

Article number:

type	material	actuation	size
NV04	00 – stainless steel	00 – handwheel	03 – DN15 04 – DN20 05 – DN25

example no. NV04000004:			
NV04	00	00	04

article no. NV04000004
needle valve with flanges
material: stainless steel
actuation: with handwheel
size: DN20

Image similar, subject change without notice.