

FORGED CARBON STEEL A105 NEEDLE VALVE 3000 Psi

Forged carbon steel needle valve 3000 Psi standard bore for closing or setting of fluids in Petroleum industries, steam or high pressure.

Cotton coated PTFE packing and Klingerite gasket.

Monobloc type for a better mechanical resistance.



Size : DN 1/4" to 2"
Connection : Threaded BSP
Min Temperature : +0°C
Max Temperature : +180°C
Max Pressure : 200 Bars (3000 Psi)
Specifications : Rotating rising stel
1 piece type
Standard bore

Materials : Forged carbon steel A105 yellow galvanized

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SPECIFICATIONS :

- Respect the flow direction (indicated by the arrow)
- Standard bore
- Rising rotating stem
- 1 piece type
- Forged A105 carbon steel
- 3000 Psi type (PN200)

USE :

- Petroleum industry, steam, high pressure
- Min and max Temperature Ts : + 0°C to + 180°C
- Max Pressure Ps : 200 bars at 180°C

FLOW COEFFICIENT Kvs (m³ / h) :

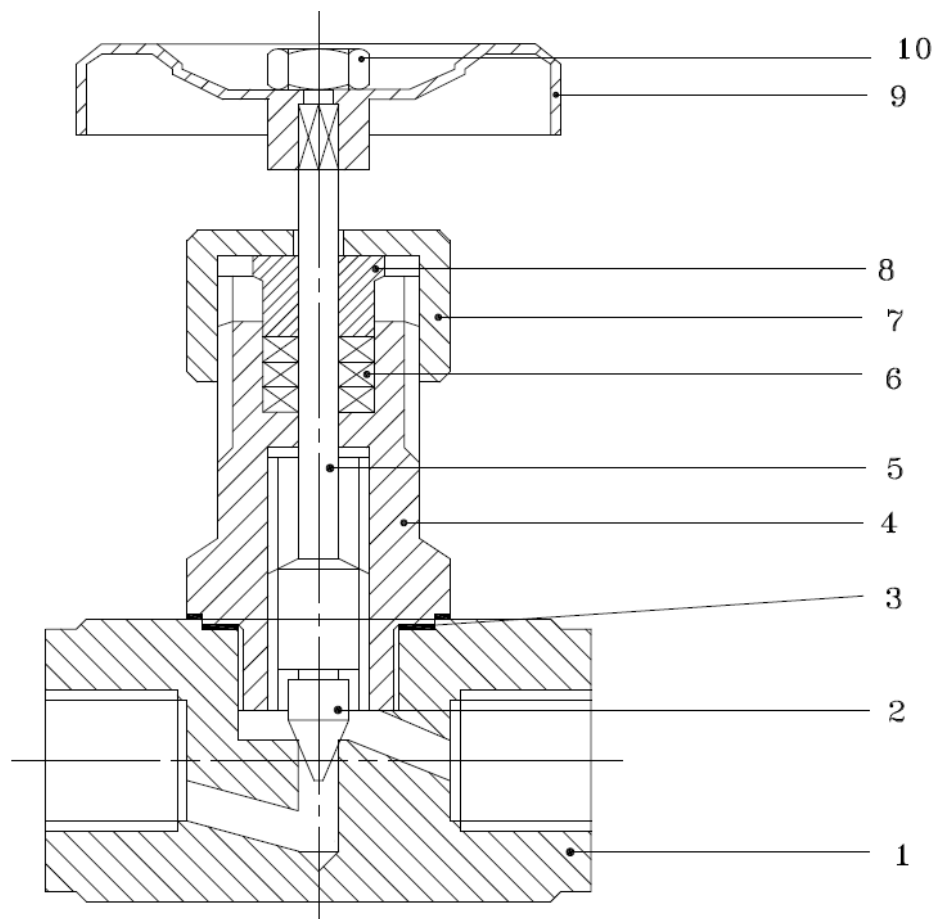
DN	1/4"	3/8"	1/2"	3/4"	1"	1"1/4	1"1/2	2"
Kvs (m ³ /h)	0.26	0.64	1	1.5	3.4	5.7	10.5	13.2

RANGE :

- Needle valve forged carbon steel threaded female BSP cylindrical **Ref. 489** from DN 1/4" to DN 2"

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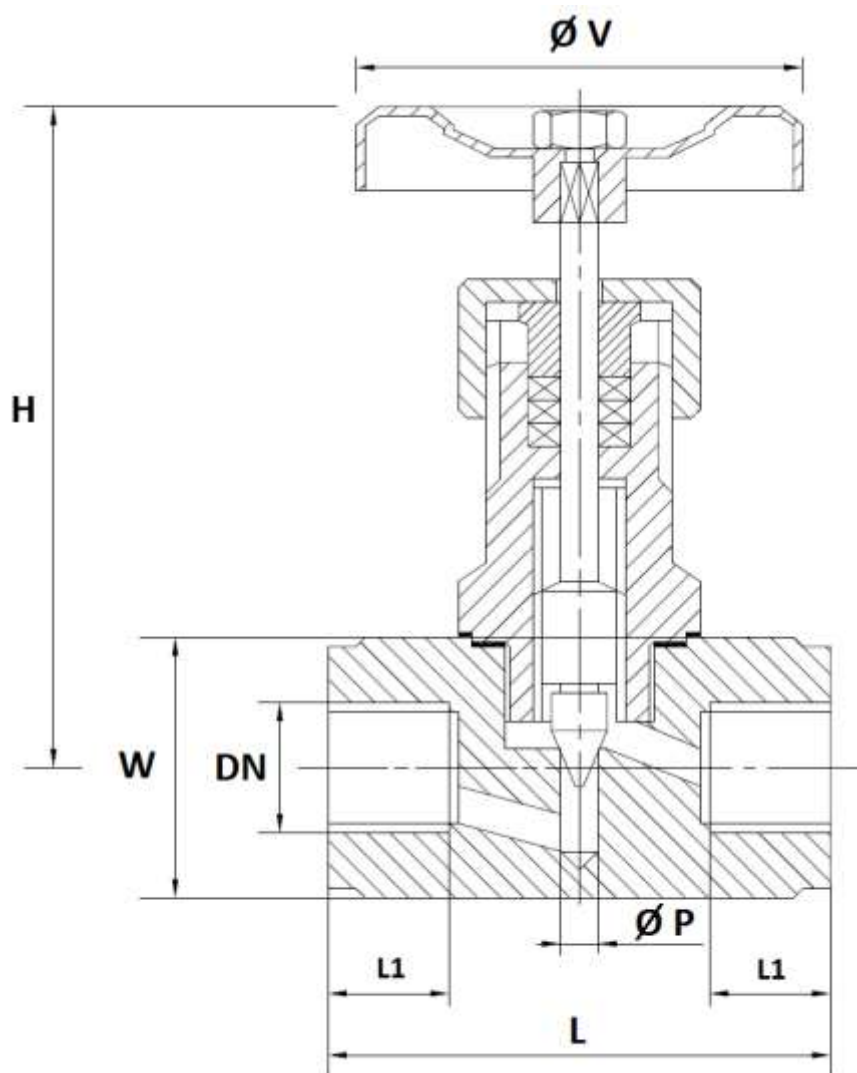
MATERIALS :



Item	Designation	Materials
1	Body	ASTM A105 yellow galvanized
2	Needle	AISI 410
3	Gasket	Klingerite
4	Bonnet	ASTM A105
5	Stem	AISI 410
6	Packing	Cotton coated PTFE
7	Packing nut	Steel 6S
8	Packing Gland	AISI 410
9	Handwheel	Steel
10	Nut	Steel 6S

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SIZE (in mm) :



DN	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Ø P	5	6	8	9	11	15	19	22
L	61	61	70	78	90	100	130	140
L1	14.4	14.6	19	19.3	24	24.5	25	34.6
H (opened)	100	100	100	115	145	150	160	170
Ø V	70	70	70	80	100	100	125	150
W	30	30	35	40	50	60	70	80
Weight (Kg)	0.55	0.55	0.75	1.1	2	2.5	3	3.5
Ref.	489002	489003	489004	489005	489006	489007	489008	489009

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STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU: For liquids or Gas of Group 1
 - DN1/4"-1": Article 4, §3 (SEP), no CE marking
 - DN1"1/4-2": Risk category II, CE 0948 marking
- Certificate 3.1 on request
- Pressure tests according to API 598, table 6
- Threaded female BSP cylindrical ends according to ISO 7/1 Rp

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.