



## STAINLESS STEEL NEEDLE VALVES NV400

## **DESCRIPTION**

The NV400 is a series of high pressure needle valves designed for shut-off applications with steam and other industrial fluids.

The NV400B is a special version designed for use as a boiler water sample valve when connected to the bottom sample connection on a VPC TDS blowdown control valve.



Complete stainless steel construction. High quality graphite packing.

OPTIONS: Version for oxygen service.

USE: Saturated steam, water, compressed air and

other fluids compatible with the construction.

**AVAILABLE** 

MODELS: NV400H; NV400B.

SIZES: 1/4" to 1/2".

CONNECTIONS: NV400H - Female threaded ISO 228.

NV400B – Inlet: Female threaded ISO 228.

Outlet: Comp. fitting 8S (M16 x 1,5).

INSTALLATION: In any position.

Remarks:

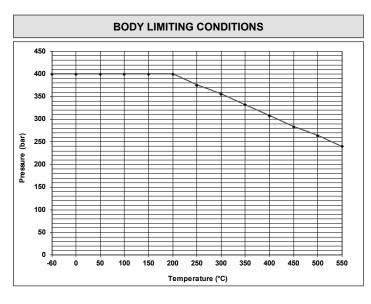
Other sizes, materials and connections available on request.



**NV400H** 



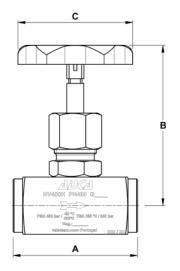
**NV400B** 

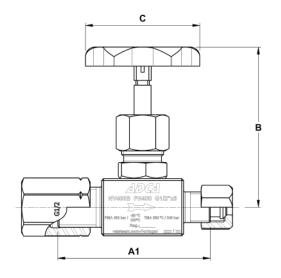












DIMENSIONS (mm) – NV400H					
SIZE	А	В	С	ORIFICE	WEIGHT (kg)
1/4"	55	82	70	6	0,48
3/8"	60	82	70	6	0,49
1/2"	65	82	70	6	0,49

DIMENSIONS (mm) – NV400B					
SIZE	A1	В	С	ORIFICE	WEIGHT (kg)
1/2"	80	82	70	6	0,63

FLOW RATE COEFFICIENTS (m³/h)				
	SIZES			
	1/4"	3/4"	1/2"	
Kvs	0,56			

For conversion Kvs = Cv (US) x 0,855.

MATERIALS				
POS.	DESIGNATION	MATERIAL		
1	Body	AISI 316 Ti / 1.4571		
2	Bonnet	AISI 316 Ti / 1.4571		
3	Stem	AISI 316 Ti / 1.4571		
4	Packing nut	AISI 316 Ti / 1.4571		
5	Packing gland	AISI 316 Ti / 1.4571		
6	Packing	Graphite		
7	Handwheel	Metallic		
8	Compression fitting	AISI 316 Ti / 1.4571		
9	Alignment union	AISI 316 Ti / 1.4571		

