



Szalai és Társa Kft.
1992

ST400BSP-316

NEEDLE VALVE



APPLICATION :

Instrumentation applications, chemical and pharmaceutical, petrochemical industries, industry, etc.

GENERAL CHARACTERISTICS :

Range : DN15 - DN100 / DN-1/2" to DN-4"

Ends: BSP - NPT

Standard bore.

Construction : C.Steel - Inox 316 / S.Steel 316

Pressure : 3000 psi / 3000 psi type PN250.

STANDARDS :

Manufacture according to: ISO 9001 : 2008.

Forged materials : ST 52.3 1.0570 / F 316/316L 1.4404

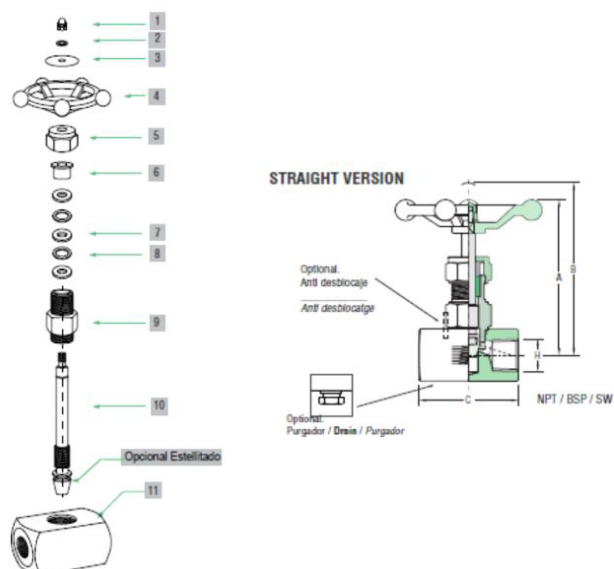
WORKING CONDITIONS :

Maximum Working Pressure : 255 bar.

Maximum Working Temperature : -29 °C / +400 °C.

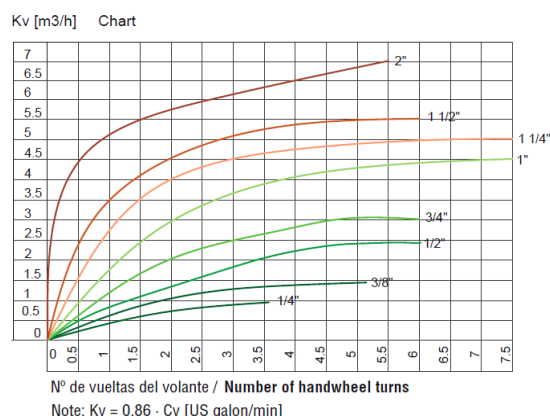
MATERIALS:

No.	Part	Material	
1	Set screw	316/316L	CK15
2	Washer	316/316L	CK15
3	Name plate	Aluminum	Aluminum
4	Handwheel	Aluminum	Aluminum
5	Nut	316/316L	CK15
6	Packing gland	316/316L	CK15
7	Packing	PTFE	PTFE
8	Packing ring	316/316L	CK15
9	Bonnet	316/316L	CK15
10	Stem obtuator	316/316L	316/316L
11	Body	316/316L	ST 52.3



DIMENSIONS :

DN	orifice	Kv (m3/h)	A	B	C	Weight
1/4"	7	0,7	81	88	50	0,38
3/8"	9	1,4	84	91	55	0,48
1/2"	12	2,3	97	106	65	0,75
3/4"	12	2,9	115	125	75	1
1"	16	4,5	130	141	90	1,5
1,1/4"	16	4,8	140	155	100	2
1,1/2"	21	6	185	205	125	6,5
2"	21	6,8	185	205	125	6,8
2,1/2"	30	9,8	235	250	165	
3"	30	9,8	240	255	165	
4"	30	9,8	255	270	175	



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