

ART. 223
VALVOLA A SPILLO A VIA DIRITTA

3000 PSI

CERTIFICATI EN 10204/2.1

ESECUZIONE SPECIALE: NPT

CARATTERISTICHE TECNICHE

1. Valvola a spillo via dritta
2. Acciaio Inox ASTM A182 F316
3. Filetto estremità secondo EN 10226-1 (EX ISO 7-1 e DIN 2999) gas
4. Premistoppa in PTFE + Grafite
5. Pressione massima di lavoro 3000 Lbs.
6. Limiti pressione / Temperatura:
 - 1/4" - 1/2" = 3000 PSI
 - 3/4" - 1 1/4" = 3000 PSI
 - 1 1/2" - 2" = 3000 PSI

ART. 223
NEEDLE VALVES

3000 PSI

CERTIFICATES EN 10204/2.1

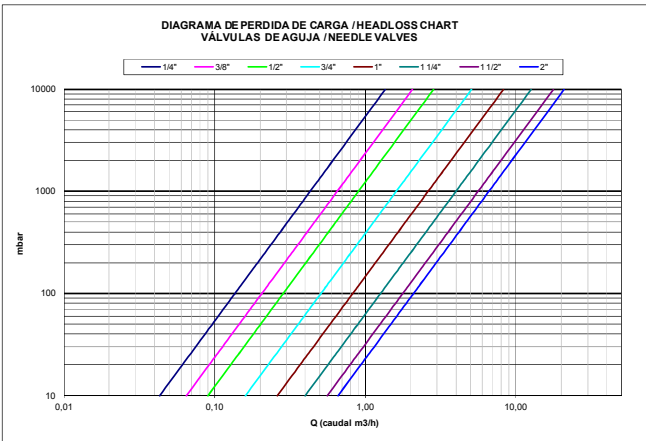
SPECIAL EXECUTION: NPT

TECHNICAL INFORMATION

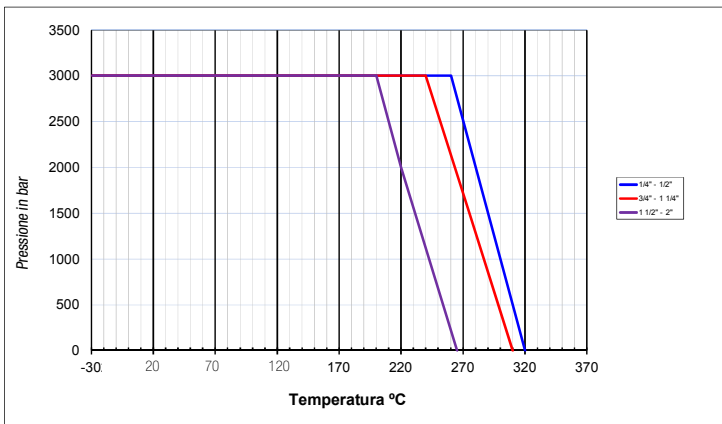
1. Needle valve
2. Made of Stainless steel ASTM A182 F316
3. Threaded ends according EN 10226-1 (EX ISO 7-1 e DIN 2999) gas
4. Stem Packing PTFE + Graphite
5. Max. Working pressure 3000 Lbs.
6. Pressure / Temperature Range:
 - 1/4" - 1/2" = 3000 PSI
 - 3/4" - 1 1/4" = 3000 PSI
 - 1 1/2" - 2" = 3000 PSI

DIAGRAMMA DELLE PERDITE DI CARICO
HEAD LOSSES DIAGRAM

Rif: H2O -20C° Flusso in Orizzontale / Horizontal flow



CURVA PRESSIONE TEMPERATURA / PRESSURE TEMPERATURE RATING



VALORE di Kv / Kv VALUES

Kv = Quantità metri cubi per ora che passa attraverso valvola generando una perdita di carico in bar.

Kv = Flow rate of water in cubic meter per hour that will generate a pressure drop of 1 bar across the valve.

Med./Size	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
m ³ /h	0.43	0.65	0.9	1.6	2.6	4	5.6	6.6

N°	Nome Name	Materiale Material	Finitura Superficiale Surface Treatment
1	Corpo / Body	AISI 316 / SS ASTM A182 F316	
2	Vitone / Bonnet	AISI 316	
3	Dado premistoppa / Nut	AISI 316	
4	Spillo / Needle	AISI 316 + Stellite / SS 316 + Stellite	
5	Stelo / Stem	AISI 316 / SS ASTM A182 F316	
6	Pacco Tenuta / Stem Packing	Teflon + Grafite / PTFE + Grafite	
7	Dado premistoppa / Packing Nut	AISI 316 / SS. AISI 316	
8	Volantino / Handwheel	Alluminio / Aluminium	Verniciato / Painted
9	Dado / Nut	AISI 304 / SS. AISI 304	
10	Rondella / Washer	AISI 304 / SS. AISI 304	

DIMENSIONI GENERALI / GENERAL DIMENSIONS

Diametri Size	Codice Code	PN (Lbs)	Dimensioni / Dimensions (mm)					Peso/Weight (Kg)
			E	H	L	K	V	
1/4"	IV2231/4	3000	25	85	50	3	63	0.26
3/8"	IV2233/8	3000	30	100	55	4	63	0.36
1/2"	IV2231/2	3000	34	115	60	6	72	0.53
3/4"	IV2233/4	3000	40	120	70	8	72	0.76
1"	IV2231	3000	45	138	75	9	80	1.17
1 1/4"	IV22311/4	3000	57	165	90	11	100	1.85
1 1/2"	IV22311/2	3000	67	185	100	15	120	2.90
2"	IV2232	3000	78	195	120	18	140	4.70

Nota: i dati tecnici su questo catalogo sono indicativi e non impegnativi / Note: the technical data reported in this catalogue is proximate and not binding.

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