

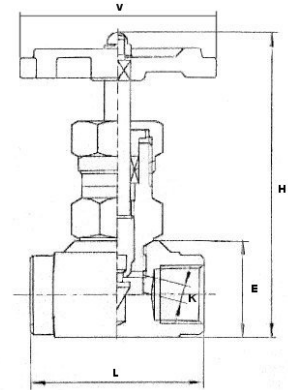
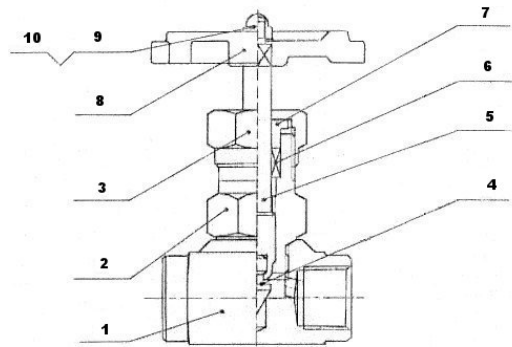
ARTICULO: 2224

Válvula de Aguja extremos roscados.

Threaded ends Needle valve.

Características
1. Válvula de Aguja.
2. Construcción en acero inoxidable ASTM A182 F316.
3. Extremos roscados según ASME B 2.1 NPT.
4. Estopada de eje en PTFE + Grafito.
5. Presión máxima de trabajo 3000 Lbs.
6. Rango Presión / Temperatura: 1/4"-1/2" = 3000 PSI / 260 °C. 3/4"-1 1/4" = 3000 PSI / 240 °C. 1 1/2" - 2" = 3000 PSI / 200 °C

Features
1. Needle valve.
2. Made of Stainless steel ASTM A182 F316
3. Threaded ends according to ASME B 2.1 NPT.
4. Stem Packing PTFE + Graphite.
5. Max. Working pressure 3000 Lbs.
6. Pressure / Temperature Range: 1/4"-1/2" = 3000 PSI / 260 °C. 3/4"-1 1/4" = 3000 PSI / 240 °C. 1 1/2" - 2" = 3000 PSI / 200 °C



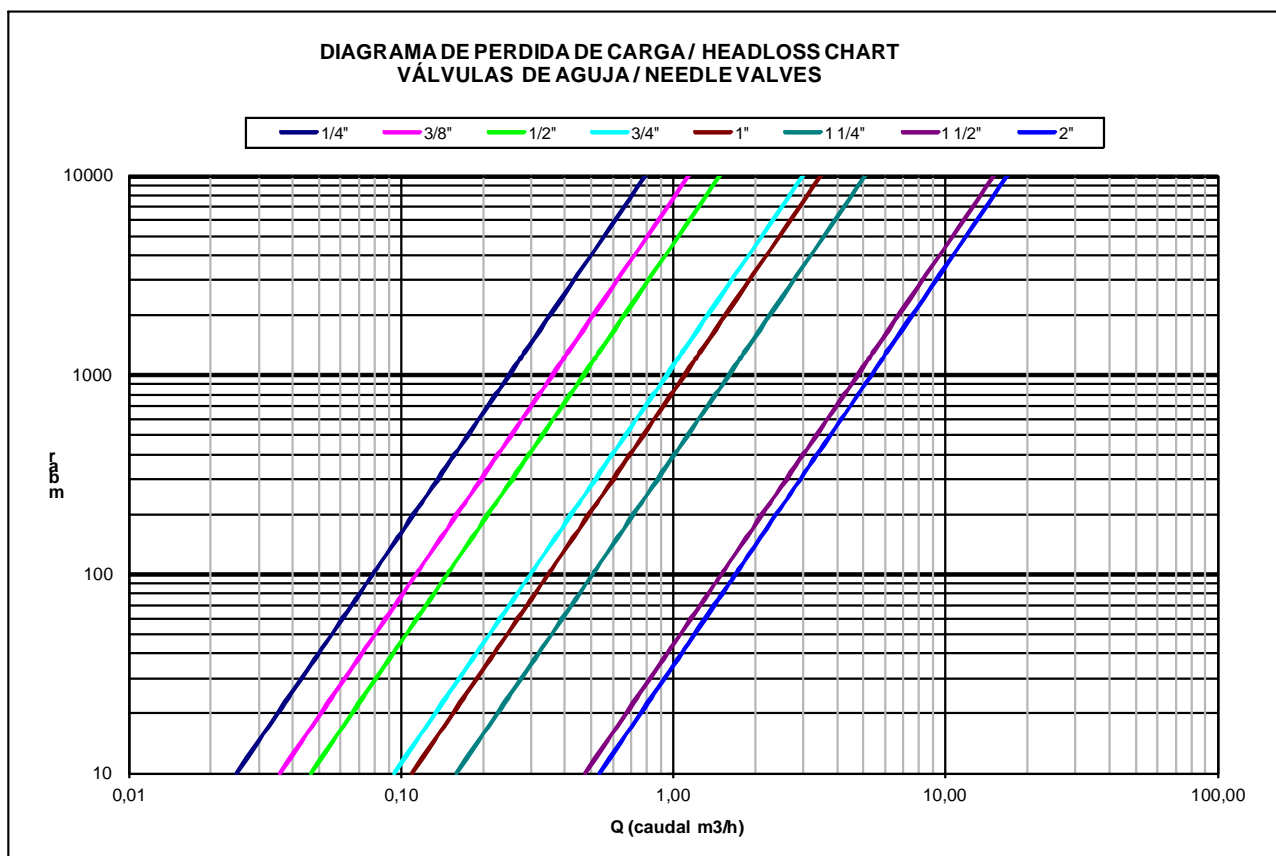
Nº	Denominación / Name	Material	Acabado Superficial / Surface Treatment
1	Cuerpo / Body	Inox. / S.S. ASTM A182 F316	-----
2	Bonete / Bonnet	AISI 316	-----
3	Tuerca prensaestopas / Nut	AISI 316	-----
4	Aguja / Needle	Inoxidable 316 + Stellite / S.S. 316 + Stellite	Nitrurado Gaseoso / Nitrogen Treatment
5	Eje / Stem	Inox. / S.S. ASTM A182 F316	-----
6	Estopada / Stem packing	Teflón + graffito / PTFE + graphite	-----
7	Prensaestopas / Packing nut	Acero Inoxidable 316 / S.S. 316	-----
8	Volante / Handwheel	Hierro fundido / Cast Iron	Pintado / Painted
9	Tuerca / Nut	Acero Inoxidable 304 / S.S. 304	-----
10	Arandela / Washer	Acero Inoxidable 304 / S.S. 304	-----

DIMENSIONES GENERALES / GENERAL DIMENSIONS

Ref	Medida / Size	PN (Lbs)	Dimensiones/Dimensions (mm)					Peso / Weight (Kg)
			E	H	L	K	V	
2224 02	1/4"	3000	25	85	50	3	63	0.260
2224 03	3/8"	3000	30	100	55	4	63	0.360
2224 04	1/2"	3000	34	115	60	6	72	0.530
2224 05	3/4"	3000	40	120	70	8	72	0.760
2224 06	1"	3000	45	138	75	9	80	1.175
2224 07	1 1/4"	3000	57	165	90	11	100	1.850
2224 08	1 1/2"	3000	67	185	100	15	120	2.900
2224 09	2"	3000	78	195	120	18	140	4.700

DIAGRAMA DE PERDIDAS DE CARGA / HEAD LOSSES DIAGRAM

(H₂O / 20 °C Flujo Horizontal / Horizontal flow).



VALORES DE Kv / Kv VALUES

Kv = Es la cantidad de metros cúbicos por hora que pasará a través de la válvula generando una pérdida de carga de 1 bar.

Kv = The rate of flow 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	0.25	0.36	0.47	0.95	1.1	1.6	4.76	5.36

CURVA PRESION TEMPERATURA / PRESSURE TEMPERATURE RATING

