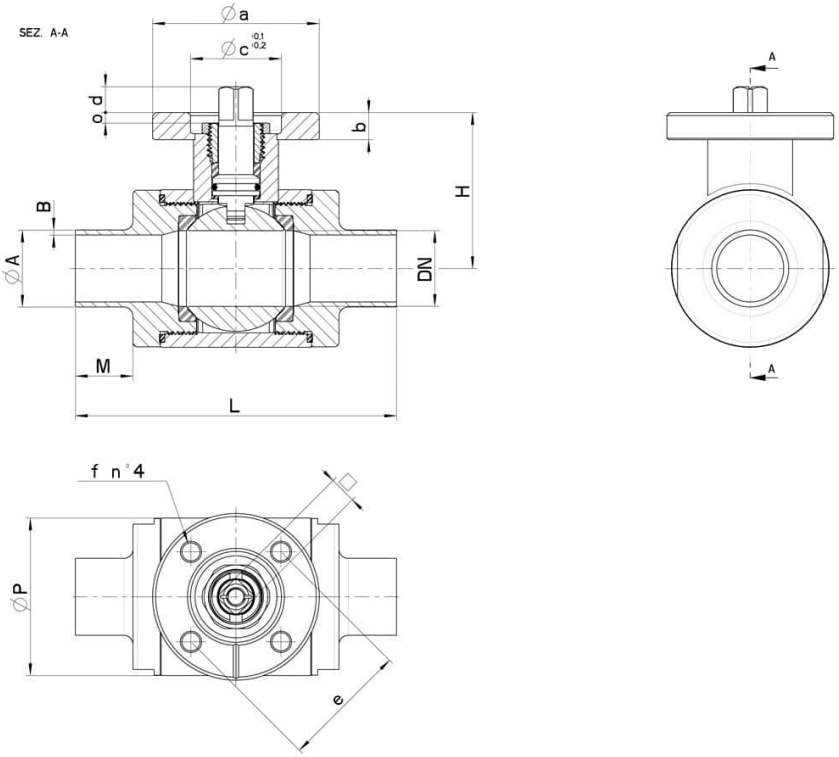


103042

Tenuta Standard – Saldare di Testa (B.W.) secondo DIN 11850

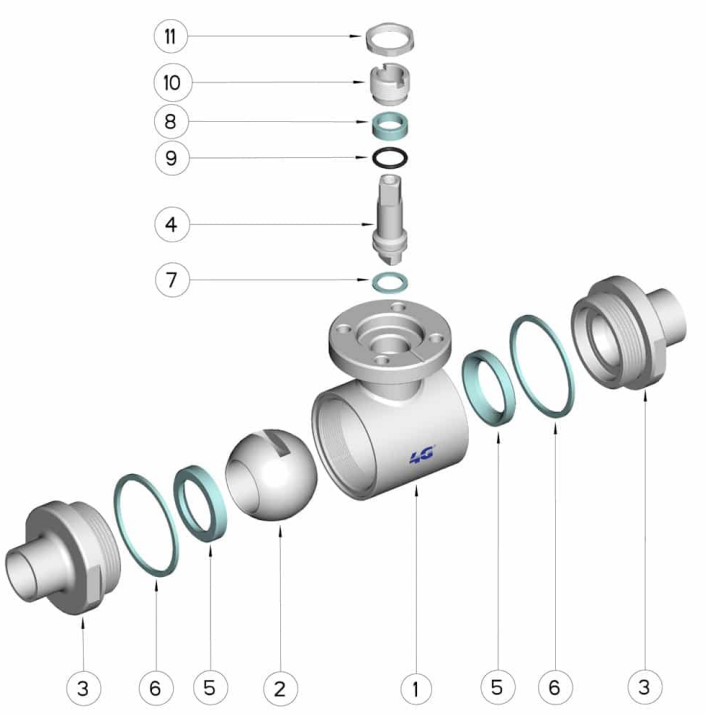
Valvola a sfera a DUE vie
Organo di comando: Flangia per Attuatore ISO 5211 – DIN 3337
Attacco: a Saldare di Testa (B.W.) secondo DIN 11850
Passaggio: Totale
Materiale: Aisi 316L (1.4404)
Misure: da DN10 a DN100
Guarnizioni di tenuta: P.T.F.E. Vergine Modificato
Temperatura di esercizio: -20°C+170°C
Finitura esterna: Lucida
Incluse viti per montaggio attuatore
A richiesta:
Sistema antistatico ATEX:
II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T135°C Db
M.O.C.A. CE 1935/2004
• Guarnizioni di tenuta in:
PTFE caricato vetro -20°C+170°C
PTFE caricato carbografite -20°C+180°C
PTFE caricato inox -20°C+200°C
UHMW Polietilene ad alta densità -20°C+80°C

DIMENSIONI E DATI TECNICI



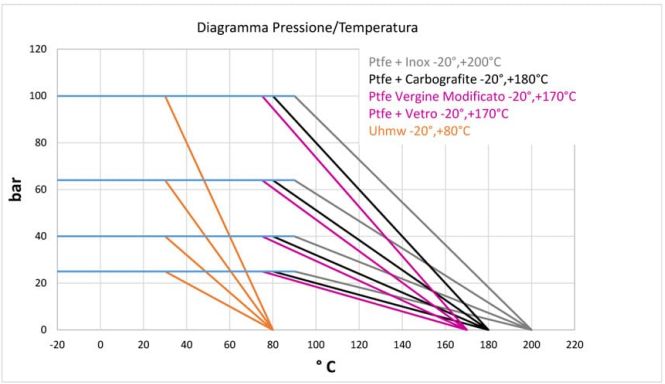
DN	L	Ø A x B	M	H	Ø P	PN	KG	ISO-DIN	Ø a	b	Ø c x o	□	d	e	f	n4 viti	Nm	COD. AISI 316L
10	88	13 x 1,5	16	39	30	100	0,39	F.03	45	7	25x3	9	8	36	6	M5x16	5	103042 6B110
10	88	13 x 1,5	16	39	30	100	0,44	F.04	55	7	30x3	11	10	42	6	M5x16	5	103042 6B11F
15	92	19 x 1,5	16	41,5	35	100	0,50	F.03	45	7	25x3	9	8	36	6	M5x16	8	103042 6B810
15	92	19 x 1,5	16	41,5	35	100	0,53	F.04	55	7	30x3	11	10	42	6	M5x16	8	103042 6B81F
20	102	23 x 1,5	18	45	42	100	0,70	F.03	45	7	25x3	9	8	36	6	M5x16	12	103042 6C510
20	102	23 x 1,5	18	45	42	100	0,76	F.04	55	7	30x3	11	10	42	6	M5x16	12	103042 6C51F
25	106	29 x 1,5	19	51,5	52	64	1,11	F.04	55	9	30x3	11	10	42	6	M5x16	15	103042 6F510
25	106	29 x 1,5	19	51,5	52	64	1,11	F.05	65	9	35x3	14	13	50	7	M6x16	15	103042 6F51F
32	112	35 x 1,5	19	56,5	60	64	1,38	F.04	55	9	30x3	11	10	42	6	M5x16	18	103042 6J510
32	112	35 x 1,5	19	56,5	60	64	1,36	F.05	65	9	35x3	14	13	50	7	M6x16	18	103042 6J51F
40	126	41 x 1,5	19	76	73	64	2,31	F.05	65	12	35X6	14	13	50	7	M6X20	25	103042 6K910
40	126	41 x 1,5	19	76	73	64	2,57	F.07	90	12	55x6	17	14	70	9	M8x22	25	103042 6K91F
50	136	53 x 1,5	19	84	89	40	3,50	F.05	65	12	35x6	14	13	50	7	M6x20	30	103042 6N910
50	136	53 x 1,5	19	84	89	40	3,64	F.07	90	12	55x6	17	14	70	9	M8x22	30	103042 6N91F
65	154	70 x 2	21	94,5	113	40	5,88	F.07	90	12	55x7	17	15	70	9	M8x22	45	103042 6S610
65	154	70 x 2	21	94,5	113	40	6,24	F.10	120	12	70x7	22	19	102	11	M10x25	45	103042 6S61F
80	184	85 x 2	27	106	136	40	9,29	F.07	90	12	55x7	17	15	70	9	M8x22	70	103042 6W410
80	184	85 x 2	27	106	136	40	9,72	F.10	120	12	70x7	22	19	102	11	M10x25	70	103042 6W41F
100	190	104 x 2	27	120	167	25	13,40	F.07	90	12	55x5	17	15	70	9	M8x22	80	103042 6X810
100	190	104 x 2	27	120	167	25	14,08	F.10	120	12	70x5	22	18	102	11	M10x25	80	103042 6X81F

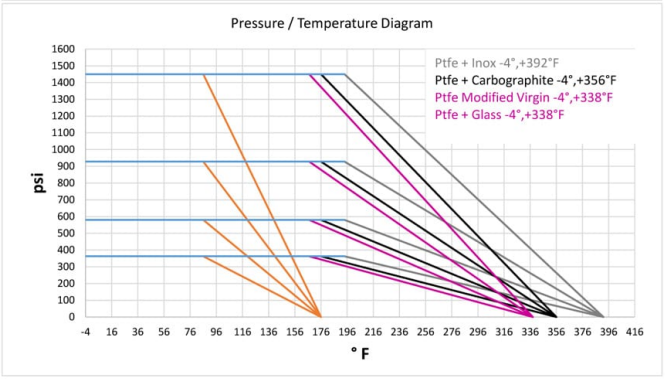
COMPONENTI E MATERIALI

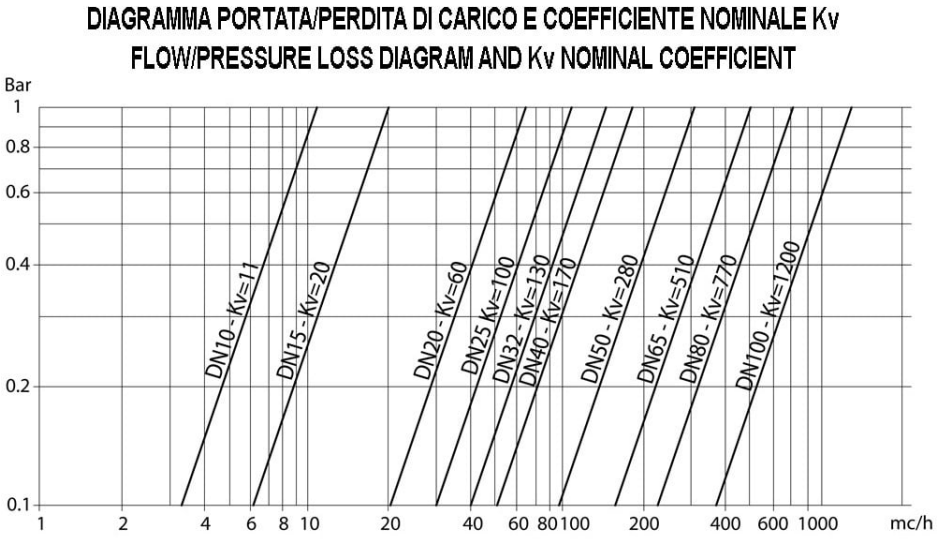


POSIZIONE	DENOMINAZIONE	PEZZI	MATERIALE
1	Corpo	1	AISI 316L
2	Sfera	1	AISI 316L
3	Manicotti	2	AISI 316L
4	Perno	1	AISI 316L
5	Guarnizioni sfera	2	PTFE
6	Guarnizioni manicotti	2	PTFE
7	Guarnizione perno	1	PTFE
8	Guarnizione perno	1	PTFE
9	OR di tenuta perno	1	FKM
10	Ghiera di registro	1	AISI 303
11	Controdado	1	AISI 303

DIAGRAMMI


Diagramma Pressione/Temperatura
Ptfe + Inox -20°,+200°C
Ptfe + Carbografite -20°,+180°C
Ptfe Vergine Modificato -20°,+170°C
Ptfe + Vetro -20°,+170°C
Uhmw -20°,+80°C
bar
120
100
80
60
40
20
0
-20 0 20 40 60 80 100 120 140 160 180 200 220
° C


Pressure / Temperature Diagram
Ptfe + Inox -4°,+392°F
Ptfe + Carbographite -4°,+356°F
Ptfe Modified Virgin -4°,+338°F
Ptfe + Glass -4°,+338°F
psi
1600
1500
1400
1300
1200
1100
1000
900
800
700
600
500
400
300
200
100
0
-4 16 36 56 76 96 116 136 156 176 196 216 236 256 276 296 316 336 356 376 396 416
° F


DIAGRAMMA PORTATA/PERDITA DI CARICO E COEFFICIENTE NOMINALE Kv
FLOW/PRESSURE LOSS DIAGRAM AND Kv NOMINAL COEFFICIENT
Bar
1
0.8
0.6
0.4
0.2
0.1
DN10 - Kv=11
DN15 - Kv=20
DN20 - Kv=60
DN25 Kv=100
DN32 - Kv=130
DN40 - Kv=170
DN50 - Kv=280
DN65 - Kv=510
DN80 - Kv=770
DN100 - Kv=1200
1 2 4 6 8 10 20 40 60 80 100 200 400 600 1000
mc/h