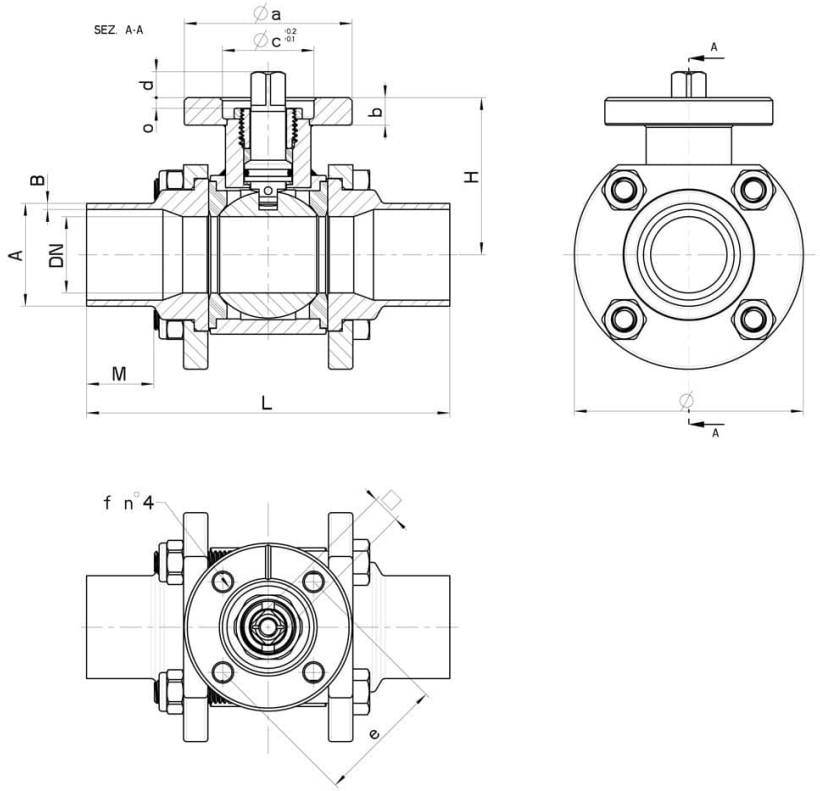


523042

Standard Seals – butt-welding in according to DIN 11850

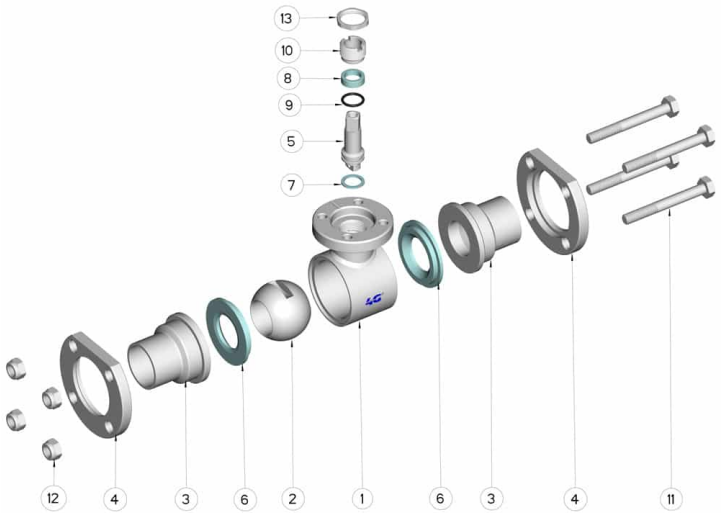
TWO-way ball valve, Three Pieces, revolving round sleeves
Drive: ISO 5211 – DIN 3337 flange for actuator
Connection: Butt-welding in according to DIN 11850
Flow: Full
Material: Aisi 316L (1.4404)
Measure: from DN10 to DN100
Seals: Virgin P.T.F.E.
Operating temperature: -20°C+160°C
Outer finish: Polished
On request:
Antistatic device ATEX:
II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T135°C Db
M.O.C.A. CE 1935/2004
• Seals made of:
PTFE with glass -20°C+170°C
PTFE with carbographite -20°C+180°C
PTFE with inox -20°C+200°C
UHMW High-molecular weight polyethylene -20°C+80°C

DIMENSIONS AND TECHNICAL DATA



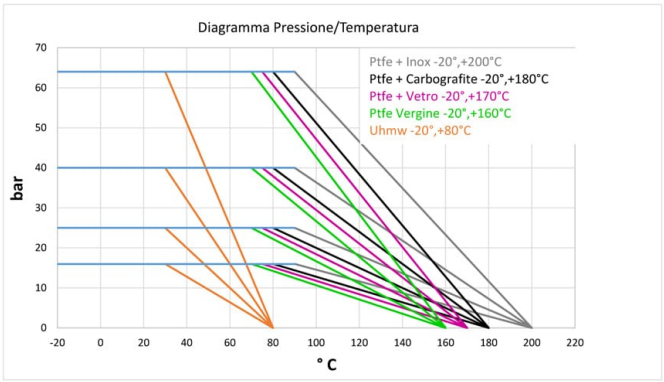
DN	L	H	M	ØA x B	Ø	STAY BOLTS	Tightening bolts (Nm)	P N	Kg	ISO-DIN	Ø a	b	Ø C x O	□	d	e	f	n° 4 BOLTS	N m	COD. AISI 316L
10	95	41,5	20	13 x 1,5	55	6 x 45	4	64	---	F.03	46	9	25x3	9	8	36	6	M5x14	7	523042 6B110
10	95	41,5	20	13 x 1,5	55	6 x 45	4	64	0,62	F.04	54	9	30x3	11	10	42	6	M5x14	7	523042 6B11F
15	95	41,5	20	19 x 1,5	55	6 x 45	4	64	0,50	F.03	46	9	25x3	9	8	36	6	M5x14	7	523042 6B810
15	95	41,5	20	19 x 1,5	55	6 x 45	4	64	0,640	F.04	54	9	30x3	11	10	42	6	M5x14	7	523042 6B81F
20	106	45	22	23 x 1,5	60	6 x 50	4	40	0,75	F.03	46	9	25x3	9	8	36	6	M5x14	10	523042 6C510
20	106	45	22	23 x 1,5	60	6 x 50	4	40	--	F.04	54	9	30x3	11	10	42	6	M5x14	10	523042 6C51F
25	118	51,5	22	29 x 1,5	75	8 x 65	8	40	1,35	F.04	54	9	30x3	11	10	42	6	M5x16	18	523042 6F510
25	118	51,5	22	29 x 1,5	75	8 x 65	8	40	1,35	F.05	65	9	35x3	14	13	50	7	M6x16	18	523042 6F51F
32	126	56,5	23	35 x 1,5	85	8 x 70	10	25	1,64	F.04	55	9	30x3	11	10	42	6	M5x16	20	523042 6J510
32	126	56,5	23	35 x 1,5	85	8 x 70	10	25	--	F.05	65	9	35x3	14	13	50	7	M6x16	20	523042 6J51F
40	145	74	25	41 x 1,5	100	10 x 90	12	25	2,96	F.05	65	12	35X4	14	13	50	7	M6X20	25	523042 6K910
40	145	74	25	41 x 1,5	100	10 x 90	12	25	--	F.07	90	12	55x4	17	15	70	9	M8x20	25	523042 6K91F
50	165	82	25	53 x 1,5	120	10 x 100	13	25	4,497	F.05	65	12	35X4	14	13	50	7	M6X20	35	523042 6N910
50	165	82	25	53 x 1,5	120	10 x 100	13	25	--	F.07	90	12	55x4	17	15	70	9	M8x20	35	523042 6N91F
65	191	94,5	27	70 x 2	140	10 x 120	20	25	7,045	F.07	90	12	55x4	17	15	70	9	M8x20	45	523042 6S610
65	191	94,5	27	70 x 2	140	10 x 120	20	25	--	F.10	125	12	70x4	22	18	102	11	M10x25	45	523042 6S61F
80	208	106	27	85 x 2	165	10 x 140	20	16	10,74	F.07	90	12	55x4	17	15	70	9	M8x20	60	523042 6W410
80	208	106	27	85 x 2	165	10 x 140	20	16	--	F.10	125	12	70x4	22	18	102	11	M10x25	60	523042 6W41F
100	230	120	27	104 x 2	200	12 x 170	22	16	18,12	F.07	90	12	55x4	17	15	70	9	M8x20	90	523042 6X810
100	230	120	27	104 x 2	200	12 x 170	22	16	19,00	F.10	125	12	70x4	22	18	102	11	M10x25	90	523042 6X81F

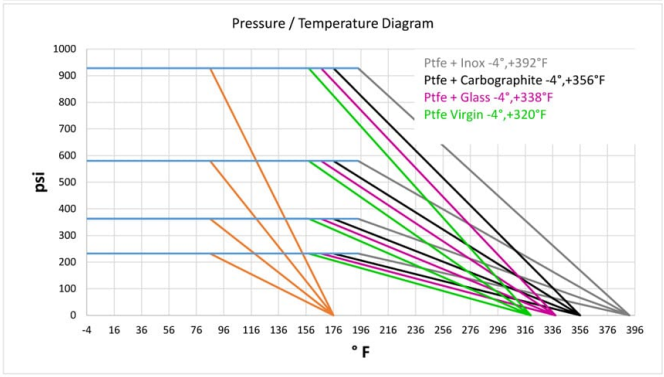
COMPONENTS AND MATERIALS

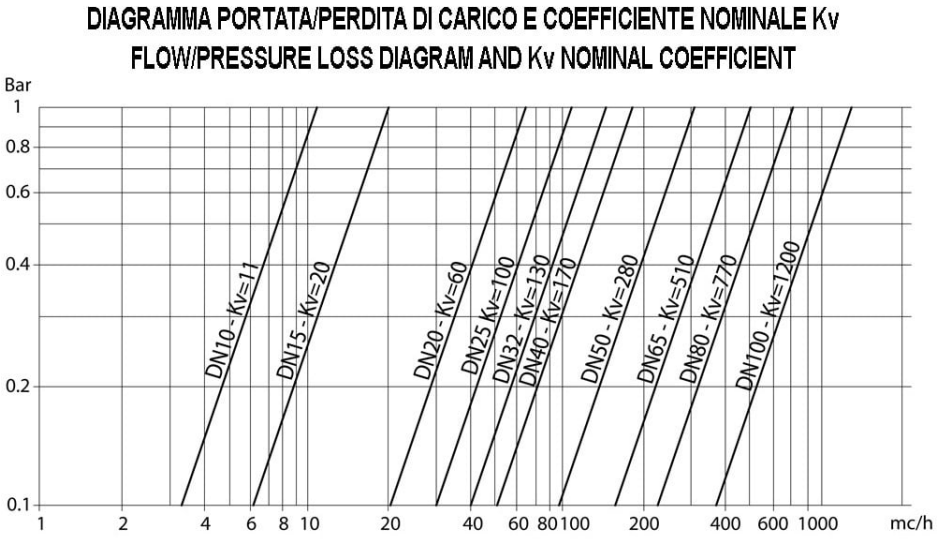


POS.	Denom.	PCS	MAT.
1	Body	1	AISI 304L-316L
2	Ball	1	AISI 304L-316L
3	Sleeves	2	AISI 304L-316L
4	Flanges for sleeves	2	AISI 304L-316L
5	Stem	1	AISI 316L
6	Ball Seals	1	PTFE
7	Stem Seal	1	PTFE
8	Stem Seal	1	PTFE
9	OR tenuta perno	1	FKM
10	Register ring	1	AISI 304L (303)
11	Stay bolt	4	AISI 304L
12	Self-clamping nut	4	AISI 304L
13	Locknut	1	AISI 303

DIAGRAMS


Diagramma Pressione/Temperatura
Ptfe + Inox -20°,+200°C
Ptfe + Carbografite -20°,+180°C
Ptfe + Vetro -20°,+170°C
Ptfe Vergine -20°,+160°C
Uhmw -20°,+80°C
bar
° C


Pressure / Temperature Diagram
Ptfe + Inox -4°,+392°F
Ptfe + Carbographite -4°,+356°F
Ptfe + Glass -4°,+338°F
Ptfe Virgin -4°,+320°F
psi
° F


DIAGRAMMA PORTATA/PERDITA DI CARICO E COEFFICIENTE NOMINALE Kv
FLOW/PRESSURE LOSS DIAGRAM AND Kv NOMINAL COEFFICIENT
Bar
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
mc/h