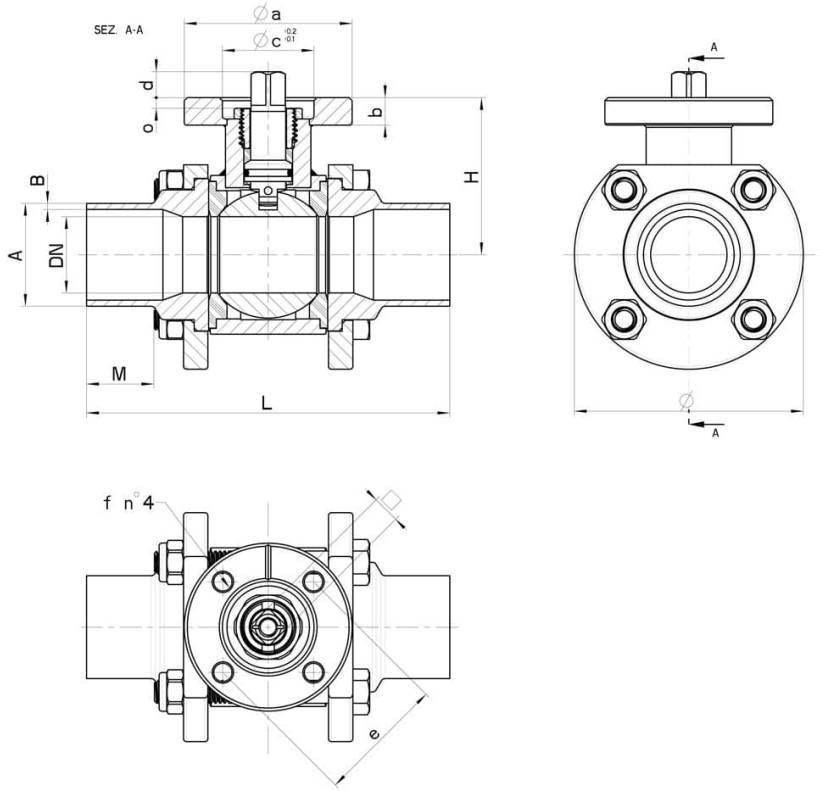


523042

STANDARD SEALS – BUTT-WELDING IN ACCORDING TO BS-OD (ASTM A-270)

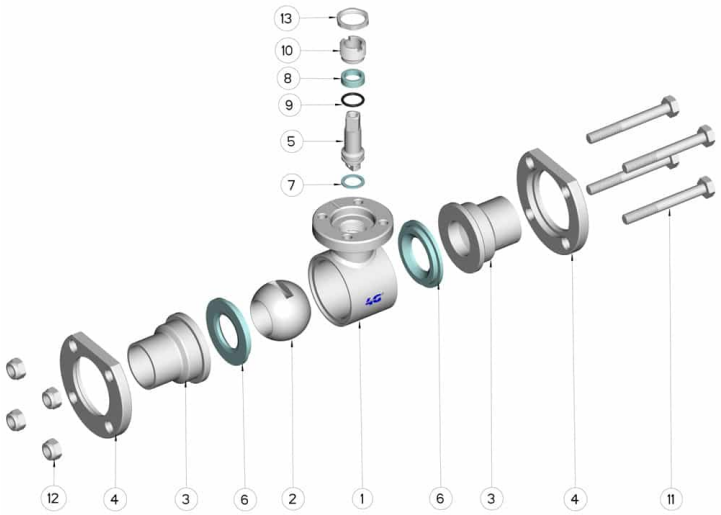
TWO-way ball valve, Three Pieces, revolving round sleeves
Drive: ISO 5211 – DIN 3337 flange for actuator
Connection: Butt-welding in according to BS-OD (ASTM A-270)
Flow: Full
Material: Aisi 316L (1.4404)
Measure: from DN10 to DN100
Seals: Virgin P.T.F.E.
Operating temperature: -20°C+160°C
Outer finish: 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



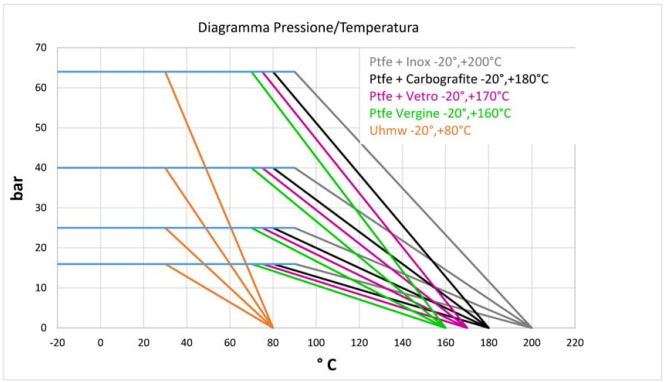
DN	L	H	M	ØA x B	Ø	STAY BOLTS	Tightening bolts (Nm)	P N	Kg	ISO-DIN	Ø a	b	Ø C x O	□	d	e	f	n° 4 BOLTS	N m	COD. AISI 316L
10	95	41,5	20	12,7 x 1,65	55	6 x 45	4	64	---	F.03	46	9	25x3	9	8	36	6	M5x14	7	523042 6A710
10	95	41,5	20	12,7 x 1,65	55	6 x 45	4	64	--	F.04	54	9	30x3	11	10	42	6	M5x14	7	523042 6A71F
15	95	41,5	20	19,05 x 1,65	55	6 x 45	4	64	0,50	F.03	46	9	25x3	9	8	36	6	M5x14	7	523042 6B910
15	95	41,5	20	19,05 x 1,65	55	6 x 45	4	64	--	F.04	54	9	30x3	11	10	42	6	M5x14	7	523042 6B91F
20	106	45	22	25,4 x 1,65	60	6 x 50	4	40	0,75	F.03	46	9	25x3	9	8	36	6	M5x14	10	523042 6D710
20	106	45	22	25,4 x 1,65	60	6 x 50	4	40	--	F.04	54	9	30x3	11	10	42	6	M5x14	10	523042 6D71F
25	118	51,5	22	25,4 x 1,65	75	8 x 65	8	40	1,35	F.04	54	9	30x3	11	10	42	6	M5x16	18	523042 6D810
25	118	51,5	22	25,4 x 1,65	75	8 x 65	8	40	1,35	F.05	65	9	35x3	14	13	50	7	M6x16	18	523042 6D81F
32	126	56,5	23	38,1 x 1,65	85	8 x 70	10	25	---	F.04	54	9	30x3	11	10	42	6	M5x16	20	523042 6J910
32	126	56,5	23	38,1 x 1,65	85	8 x 70	10	25	--	F.05	65	9	35x3	14	13	50	7	M6x16	20	523042 6J91F
40	145	74	25	38,1 x 1,65	100	10 x 90	12	25	2,96	F.05	65	12	35X4	14	13	50	7	M6X20	25	523042 6K110
40	145	74	25	38,1 x 1,65	100	10 x 90	12	25	--	F.07	90	12	55x4	17	15	70	9	M8x20	25	523042 6K11F
50	165	82	25	50,8 x 1,65	120	10 x 100	13	25	4,497	F.05	65	12	35X4	14	13	50	7	M6X20	35	523042 6M810
50	165	82	25	50,8 x 1,65	120	10 x 100	13	25	4,30	F.07	90	12	55x4	17	15	70	9	M8x22	35	523042 6M81F
65	191	94,5	29	63.5 x 1,65	140	10 x 120	20	25	7,045	F.07	90	12	55x7	17	15	70	9	M8x22	45	523042 6R710
65	191	94,5	29	63.5 x 1,65	140	10 x 120	20	25	--	F.10	125	12	70x7	22	18	102	11	M10x25	45	523042 6R71F
80	208	106	27	76,2 x 1,65	165	10 x 140	20	16	10.63	F.07	90	12	55x7	17	15	70	9	M8x22	60	523042 6U510
80	208	106	27	76,2 x 1,65	165	10 x 140	20	16	--	F.10	125	12	70x4	22	18	102	11	M10x25	60	523042 6U51F
100	230	120	27	101,6 x 2,11	200	12 x 170	22	16	--	F.07	90	12	55x4	17	15	70	9	M8x22	90	523042 6X410
100	230	120	27	101,6 x 2,11	200	12 x 170	22	16	--	F.10	125	12	70x4	22	18	102	11	M10x25	90	523042 6X41F

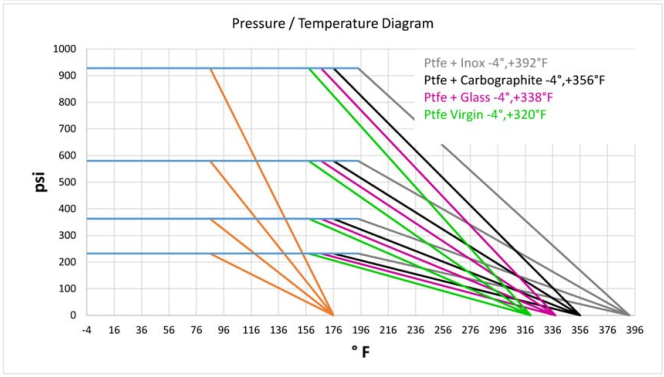
COMPONENTS AND MATERIALS

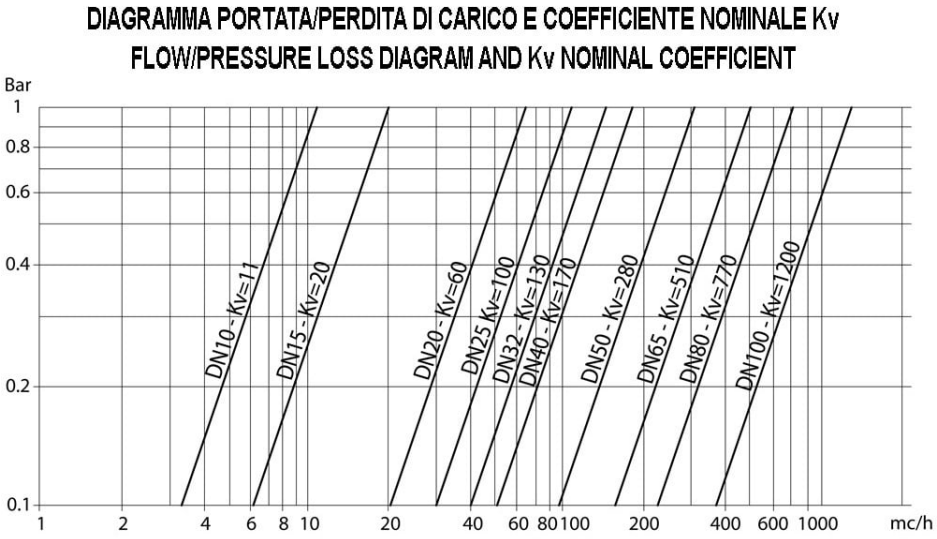


POS.	DENOMINATION	PCS	MAT.
1	Body	1	AISI 304L-316L
2	Ball	1	AISI 304L-316L
3	Sleeves	2	AISI 304L-316L
4	Flanges for sleeves	2	AISI 304L-316L
5	Stem	1	AISI 316L
6	Ball Seals	1	PTFE
7	Stem Seal	1	PTFE
8	Stem Seal	1	PTFE
9	OR tenuta perno	1	FKM
10	Register ring	1	AISI 304L (303)
11	Stay bolt	4	AISI 304L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