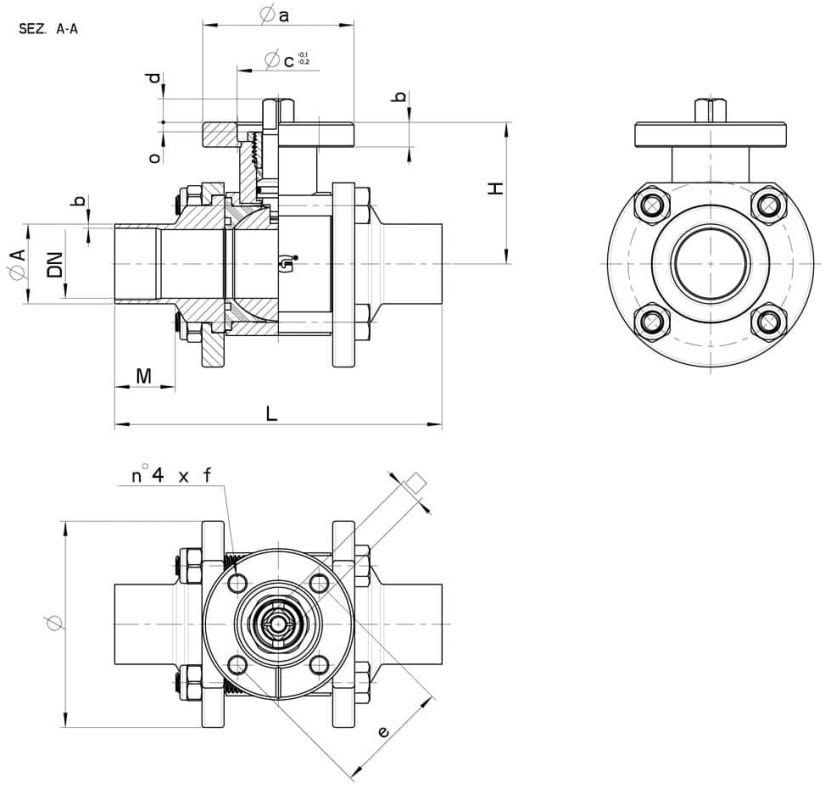


553042

Integral Seals – butt-welding in according to DIN 11850

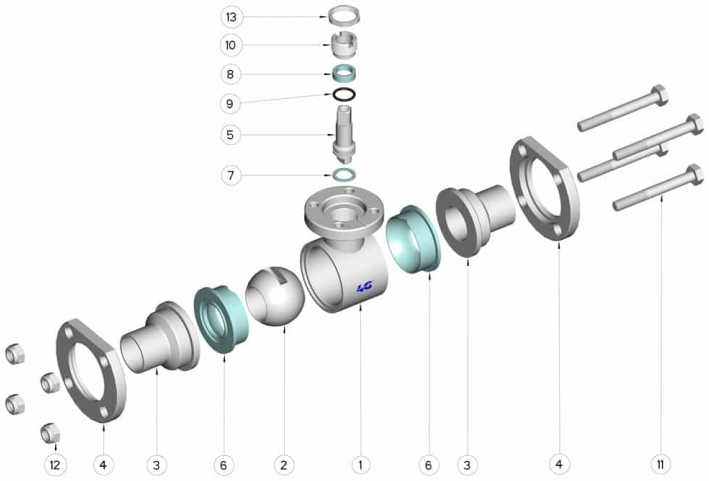
TWO-way ball valve, “Integral Seal” Three Pieces, revolving round sleeves
Drive: ISO 5211 – DIN 3337 flange for actuator
Connection: Butt-welding in according to DIN 11850
Flow: Full
Material: Aisi 316L (1.4404)
Measure: from DN10 to DN100
Seals: Virgin P.T.F.E.
Operating temperature: -20°C+160°C
Outer finish: Polished
Screws for mounting actuator included
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

DIMENSIONS AND TECHNICAL DATA



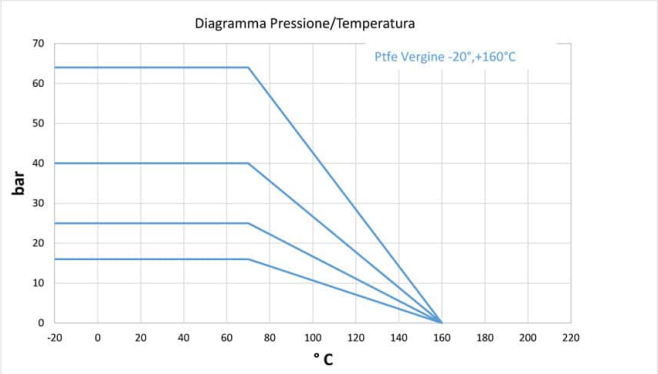
DN	L	H	M	ØA x B	Ø	STAY BOLTS	Tightening bolts (Nm)	P N	Kg	ISO-DIN	Ø a	b	Ø c x o	□	d	e	f	n° 4 BOLTS	N m	COD. AISI 316
10	95	41,5	18	13 x 1,5	55	6 x 45	4	64	---	F.03	46	9	25x3	9	8	36	6	M5x14	10	553042 6B110
10	95	41,5	18	13 x 1,5	55	6 x 45	4	64	--	F.04	54	9	30x3	11	10	42	6	M5x14	10	553042 6B11F
15	95	41,5	20	19 x 1,5	55	6 x 45	4	64	--	F.03	46	9	25x3	9	8	36	6	M5x14	10	553042 6B810
15	95	41,5	20	19 x 1,5	55	6 x 45	4	64	--	F.04	54	9	30x3	11	10	42	6	M5x14	10	553042 6B81F
20	106	45	22	23 x 1,5	60	6 x 50	4	40	--	F.03	46	9	25x3	9	8	36	6	M5x14	15	553042 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	15	553042 6C51F
25	118	51,5	22	29 x 1,5	75	8 x 65	8	40	--	F.04	54	9	30x3	11	10	42	6	M5x16	22	553042 6F510
25	118	51,5	22	29 x 1,5	75	8 x 65	8	40	--	F.05	65	9	35x3	14	13	50	7	M6x16	22	553042 6F51F
32	126	56,5	23	35 x 1,5	85	8 x 70	10	25	---	F.04	54	9	30x3	11	10	42	6	M5x16	25	553042 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	25	553042 6J51F
40	145	74	25	41 x 1,5	100	10 x 90	12	25	--	F.05	65	12	35X4	14	13	50	7	M6X20	35	553042 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	35	553042 6K91F
50	165	84	25	53 x 1,5	120	10 x 100	13	25	--	F.05	65	12	35X4	14	13	50	7	M6X20	40	553042 6N910
50	165	84	25	53 x 1,5	120	10 x 100	13	25	--	F.07	90	12	55x6	17	14	70	9	M8x20	40	553042 6N91F
65	191	94,5	27	70 x 2	140	10 x 120	20	25	--	F.07	90	12	55x4	17	15	70	9	M8x20	60	553042 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	60	553042 6S61F
80	208	106	27	85 x 2	165	10 x 140	20	16	--	F.07	90	12	55x4	17	15	70	9	M8x20	80	553042 6W410
80	208	106	27	85 x 2	165	10 x 140	20	16	--	F.10	125	12	70x4	22	18	102	11	M10x25	80	553042 6W41F
100	230	120	37,5	104 x 2	200	12 x 170	22	16	--	F.07	90	12	55x4	17	15	70	9	M8x20	90	553042 6X810
100	230	120	37,5	104 x 2	200	12 x 170	22	16	--	F.10	125	12	70x4	22	18	102	11	M10x25	90	553042 6X81F

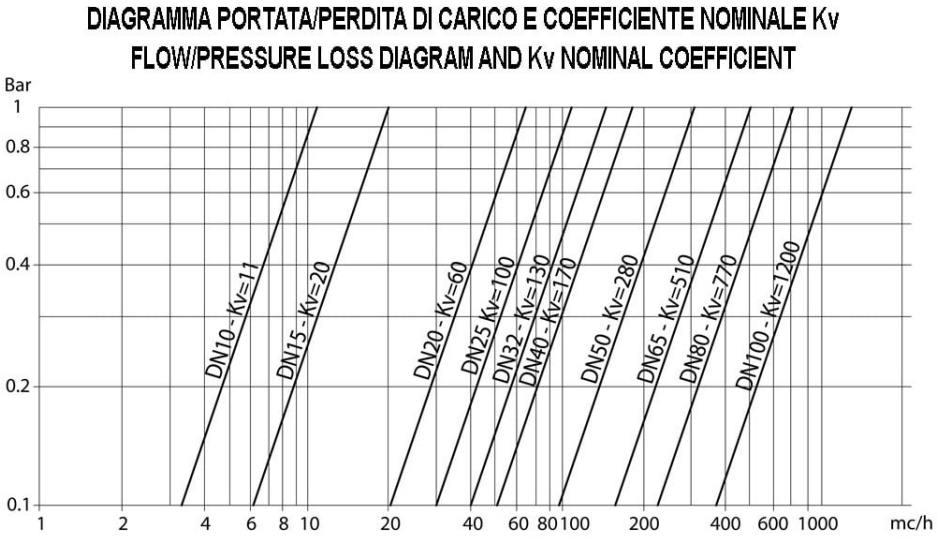
COMPONENTS AND MATERIALS



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 Vergine -20°,+160°C
bar
°C
Pressure / Temperature Diagram
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