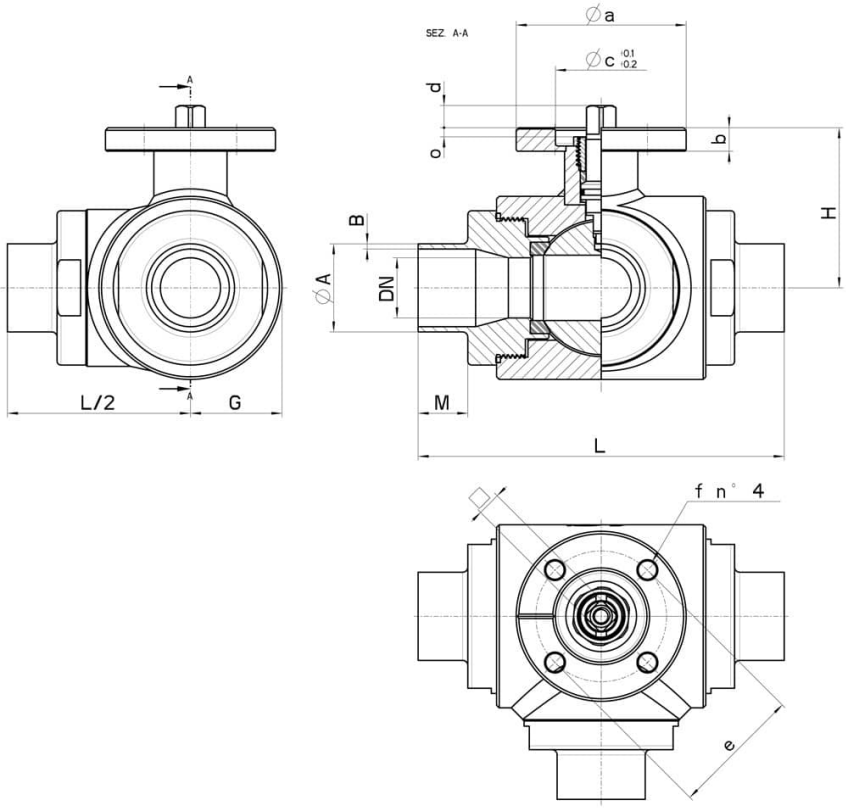


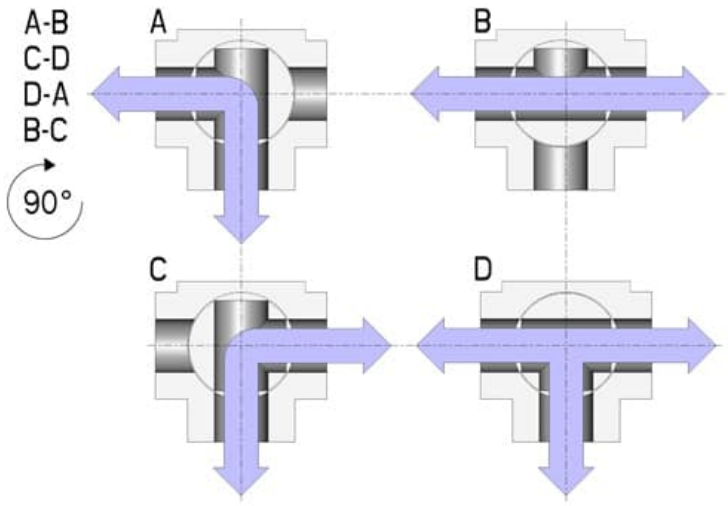
303042

T – STANDARD SEALS – BUTT-WELDING IN ACCORDING TO ISO 1127

THREE-way ball valve 4 seals with “T” port
Drive: ISO 5211 – DIN 3337 flange for actuator
Connection: Butt-welding in according to ISO 1127
Flow: Full
Material: Aisi 316L (1.4404)
Measure: from DN10 to DN100
Seals: Modified Virgin P.T.F.E.
Operating temperature: -20°C+170°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

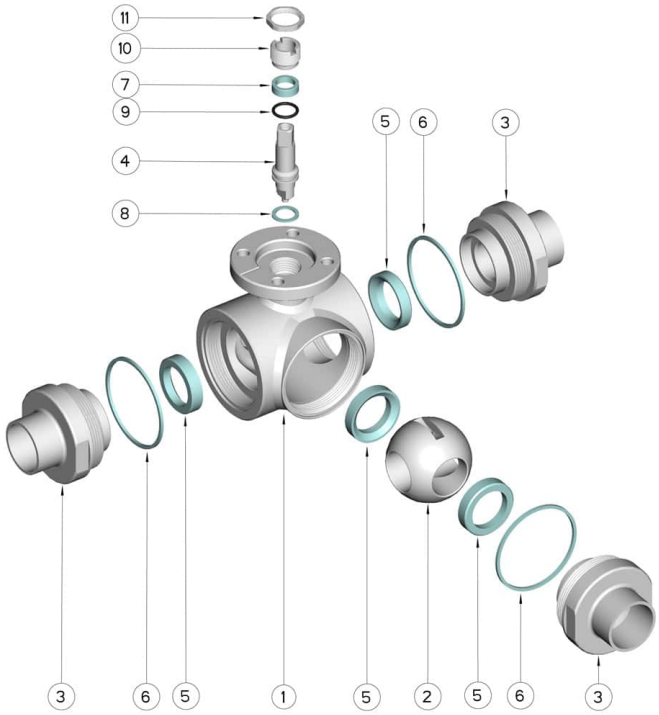
DIMENSIONS AND TECHNICAL DATA





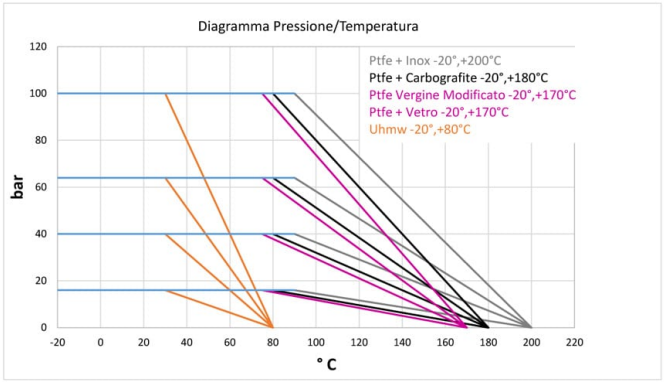
DN	Ø A x B	M	L	G	H	PN	Kg	ISO-DIN	Ø a	b	Ø c x o	□	d	e	f	n° 4 BOLTS	Nm	COD. AISI 316L
10	17,2 x 1,65	17	108	22,5	46,5	100	1,02	F.03	45	7	25x3	9	8	36	6	M5x16	10	303042 6B310
10	17,2 x 1,65	17	108	22,5	46,5	100	1,06	F.04	55	7	30x3	11	10	42	6	M5x16	10	303042 6B31F
15	21,3 x 1,65	18	118	26	49	100	1,31	F.03	45	7	25x3	9	8	36	6	M5x16	12	303042 6C210
15	21,3 x 1,65	18	118	26	49	100	1,36	F.04	55	7	30x3	11	10	42	6	M5x16	12	303042 6C21F
20	26,9 x 1,65	19	130	30	56,5	100	1,98	F.04	55	9	30x3	11	10	42	6	M5x16	23	303042 6E310
20	26,9 x 1,65	19	130	30	56,5	100	2,04	F.05	65	9	35x3	14	13	50	7	M6x16	23	303042 6E31F
25	33,7 x 2	19	140	35	61	64	2,74	F.04	55	9	30x3	11	10	42	6	M5x16	25	303042 6H910
25	33,7 x 2	19	140	35	61	64	2,80	F.05	65	9	35x3	14	13	50	7	M6x16	25	303042 6H91F
32	42,4 x 2	19	156	42,5	81,5	64	4,77	F.05	65	12	35x6	14	13	50	7	M6x20	33	303042 6L210
32	42,4 x 2	19	156	42,5	81,5	64	5,00	F.07	90	12	55x6	17	14	70	9	M8x22	33	303042 6L21F
40	48,3 x 2	19	172	50	89	64	7,06	F.05	65	12	35x6	14	13	50	7	M6x20	40	303042 6M110
40	48,3 x 2	19	172	50	89	64	7,30	F.07	90	12	55x6	17	14	70	9	M8x22	40	303042 6M11F
50	60,3 x 2	19	182	55	91,5	40	8,42	F.07	90	12	55x7	17	15	70	9	M8x22	50	303042 6Q910
50	60,3 x 2	19	182	55	91,5	40	8,88	F.10	120	12	70x7	22	19	102	11	M10x25	50	303042 6Q91F
65	76,1 x 2	21	196	80	101,5	40	10,15	F.07	90	12	55x7	17	15	70	9	M8x22	60	303042 6U610
65	76,1 x 2	21	196	80	101,5	40	10,59	F.10	120	12	70x7	22	19	102	11	M10x25	60	303042 6U61F
80	88,9 x 2	27	256	100	116	40	20,99	F.07	90	12	55x5	17	15	70	9	M8x22	110	303042 6W910
80	88,9 x 2	27	256	100	116	40	21,44	F.10	120	12	70x5	22	18	102	11	M10x25	110	303042 6W91F
100	114,3 x 2	27	286	120	131	16	33,89	F.07	90	12	55x5	17	15	70	9	M8x22	130	303042 6Y410
100	114,3 x 2	27	286	120	131	16	34,20	F.10	120	12	70x5	22	18	102	11	M10x25	130	303042 6Y41F

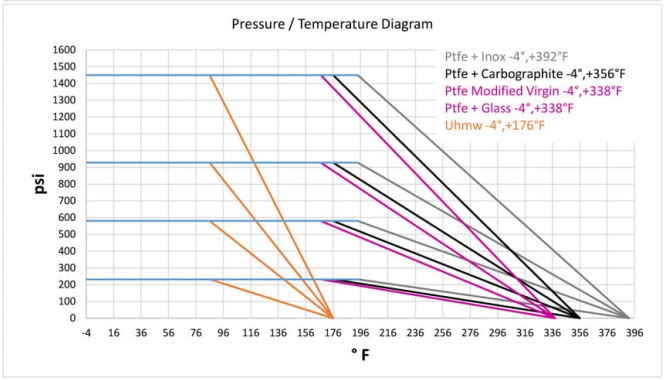
COMPONENTS AND MATERIALS



POS.	Denom.	PCS	MAT.
1	Body	1	AISI 316L
2	Ball	1	AISI 316L
3	Sleeves	3	AISI 316L
4	Stem	1	AISI 316L
5	Ball Seals	4	PTFE Vergine Modificato
6	Sleeve Seals	3	PTFE
7	Stem Seal	1	PTFE
8	Stem Seal	1	PTFE
9	Stem or-Seal	1	FKM
10	Register ring	1	AISI 304L (303)
11	Locknut	1	AISI 303

DIAGRAMS


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
Uhmw -4°,+176°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
° F