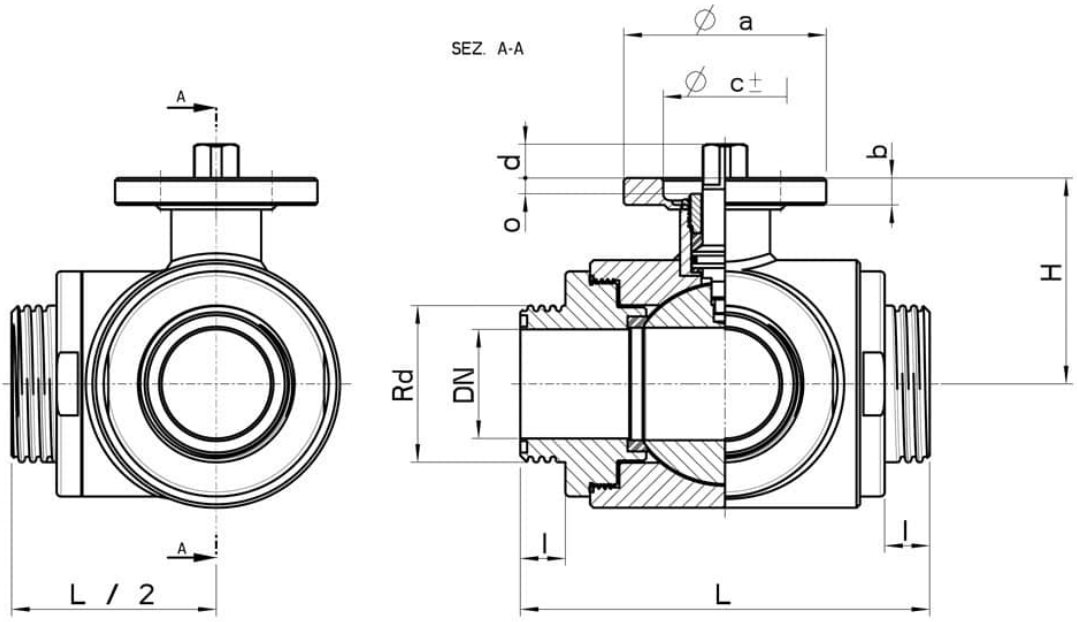
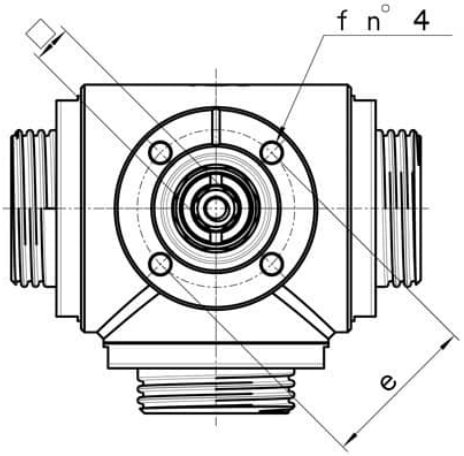
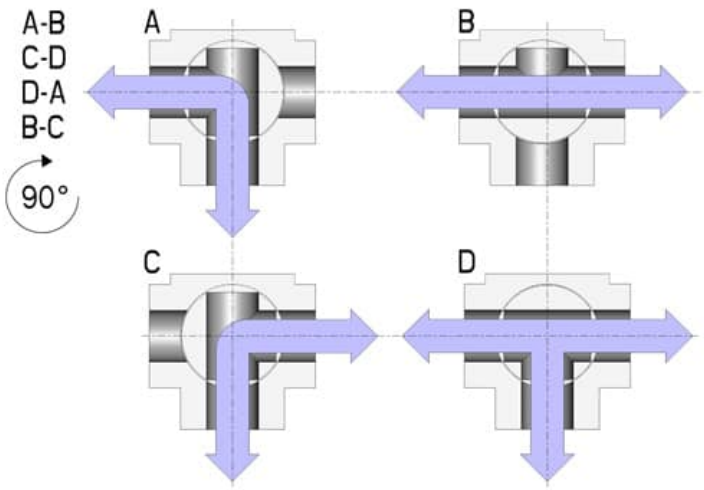
303044_T_4 SEALS STANDARD SEALS – F SMS

THREE-way ball valve 4 seals with “T”
Drive: ISO 5211 – DIN 3337 flange for actuator
Connection: SMS female/female/female
Flow: Full
Material: Aisi 304L (1.4307) – Aisi 316L (1.4404)
Measure: from DN20 to DN100
Seals: Modified Virgin P.T.F.E.
Operating temperature: -20°C+170°C
Outer finish: Polished

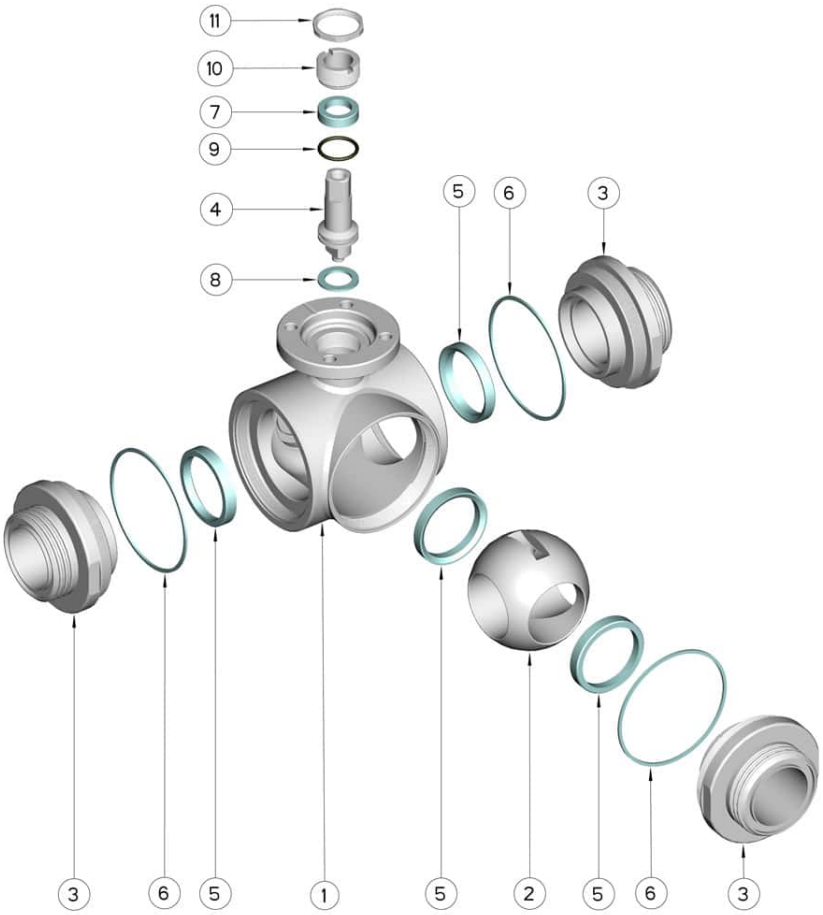
On request:
Antistatic device ATEX:
II 2G Ex h IIC T4 Gb
II 2D Ex h IIIC T135°C Db
M.O.C.A. CE 1935/2004
• Seals made of:
PTFE with glass -20°C+170°C
PTFE with carbographite -20°C+180°C
PTFE with inox -20°C+200°C
UHMW High-molecular weight polyethylene -20°C+80°C


SEZ. A-A
Ø a
Ø c±
d
o
b
H
Rd
DN
l
l
L
L / 2
A
A


f n° 4
e


A-B
C-D
D-A
B-C
90°
A
B
C
D

SMS	DN	Rd	L	I	H	PN	Kg	ISO-DIN	Ø a	b	Ø c x o	□	d	e	f	n° 4 BOLTS	Nm	CODE AISI 304L	CODE AISI 316L
25	(Reduced) 20	40 x 1/6"	130	19	56,5	100	2,30	F.04	54	9	30x3	11	10	42	6	M5x16	23	-	303044 62410
25	(Reduced) 20	40 x 1/6"	130	19	56,5	100	2,45	F.05	65	9	35x3	14	13	50	7	M6x16	23	-	303044 6241F
25	25	40 x 1/6"	140	19	61	64	3,02	F.04	54	9	30x3	11	10	42	6	M5x16	25	-	303044 62610
25	25	40 x 1/6"	140	19	61	64	3,15	F.05	65	9	35x3	14	13	50	7	M6x16	25	-	303044 6261F
38	40	60 x 1/6"	172	19	89	64	7,42	F.05	65	12	35X4	14	13	50	7	M6X20	40	-	303044 63410
38	40	60 x 1/6"	172	19	89	64	7,59	F.07	90	12	55x4	17	15	70	9	M8x20	40	-	303044 6341F
51	50	70 x 1/6"	182	19	91,5	40	9,10	F.07	90	12	55x4	17	15	70	9	M8x20	50	-	303044 63810
51	50	70 x 1/6"	182	19	91,5	40	9,27	F.10	120	12	70x4	22	18	102	11	M10x25	50	-	303044 6381F
63	65	85 x 1/6"	196	21	101,5	40	11,00	F.07	90	12	55x4	17	15	70	9	M8x20	60	-	303044 64410
63	65	85 x 1/6"	196	21	101,5	40	11,50	F.10	120	12	70x4	22	18	102	11	M10x25	60	-	303044 6441F
76	(Reduced) 65	98 x 1/6"	196	21	101,5	40	-	F.07	90	12	55x4	17	15	70	9	M8x20	60	-	303044 64510
76	(Reduced) 65	98 x 1/6"	196	21	101,5	40	-	F.10	120	12	70x4	22	18	102	11	M10x25	60	-	303044 6451F
76	80	98 x 1/6"	256	27	116	40	22,63	F.07	90	12	55x4	17	15	70	9	M8x20	110	303044 44810	303044 64810
76	80	98 x 1/6"	256	27	116	40	22,13	F.10	120	12	70x4	22	18	102	11	M10x25	110	303044 4481F	303044 6481F
104	100	125 x 1/4"	286	27	131	16	34,83	F.07	90	12	55x4	17	15	70	9	M8x20	130	303044 45410	303044 65410
104	100	125 x 1/4"	286	27	131	16	35,36	F.10	120	12	70x4	22	18	102	11	M10x25	130	303044 4541F	303044 6541F
101	100	132 x 1/6"	286	27	131	16	-	F.07	90	12	55x4	17	15	70	9	M8x20	130	303044 45510	303044 65510
101	100	132 x 1/6"	286	27	131	16	-	F.10	120	12	70x4	22	18	102	11	M10x25	130	303044 4551F	303044 6551F



POS.	DENOMINATION	PCS	MAT.
1	Body	1	AISI 304L - 316L
2	Ball	1	AISI 304L - 316L
3	Sleeves	3	AISI 304L - 316L
4	Stem	1	AISI 304L - 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

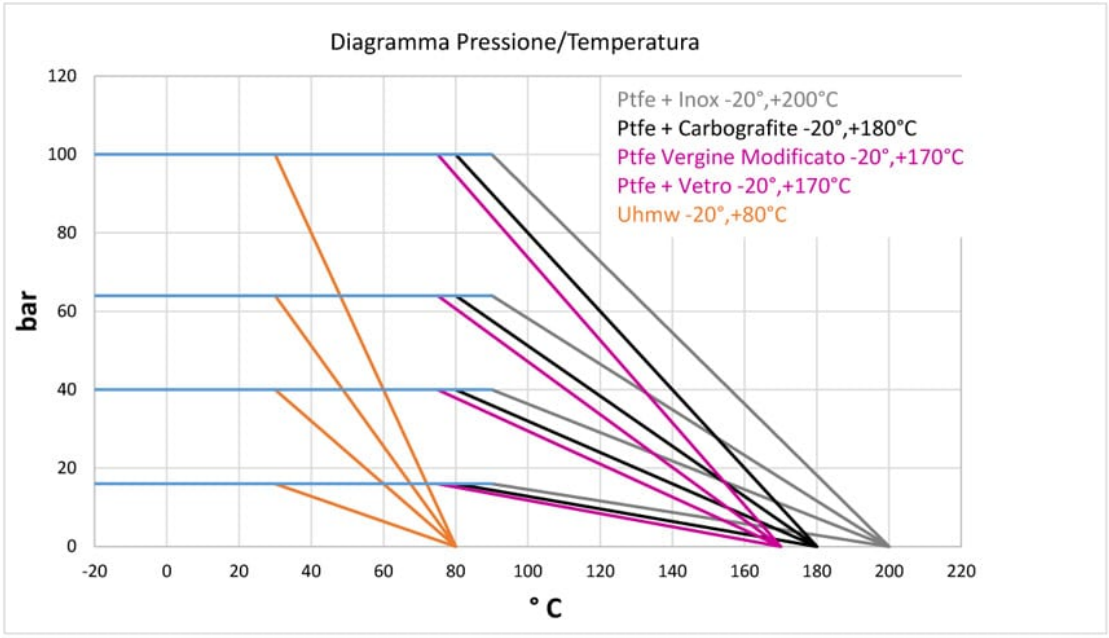
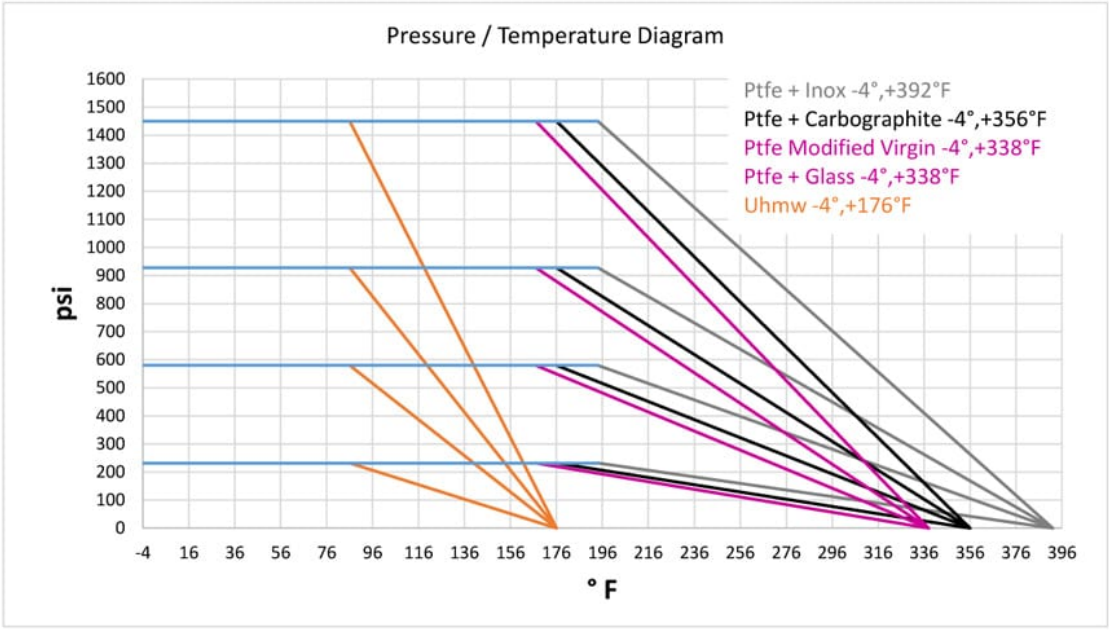


Diagramma Pressione/Temperatura
Ptfe + Inox -20°,+200°C
Ptfe + Carbografite -20°,+180°C
Ptfe Vergine Modificato -20°,+170°C
Ptfe + Vetro -20°,+170°C
Uhmw -20°,+80°C
bar
120
100
80
60
40
20
0
-20
0
20
40
60
80
100
120
140
160
180
200
220
° C


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