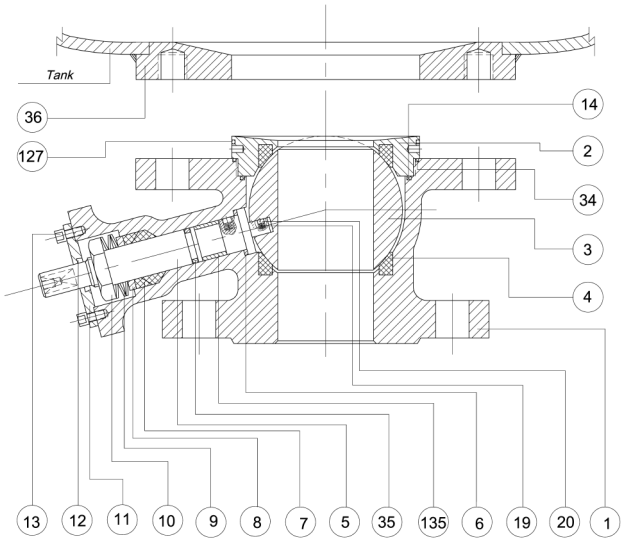
Tank bottom valve with inclined stem

Design advantages

- Minimal distance between the ball and the tank bottom.
- Inclined stem design eases the assembly of operating and ancillary elements.
- Can be supplied with heating jacket.
- Special materials upon request.

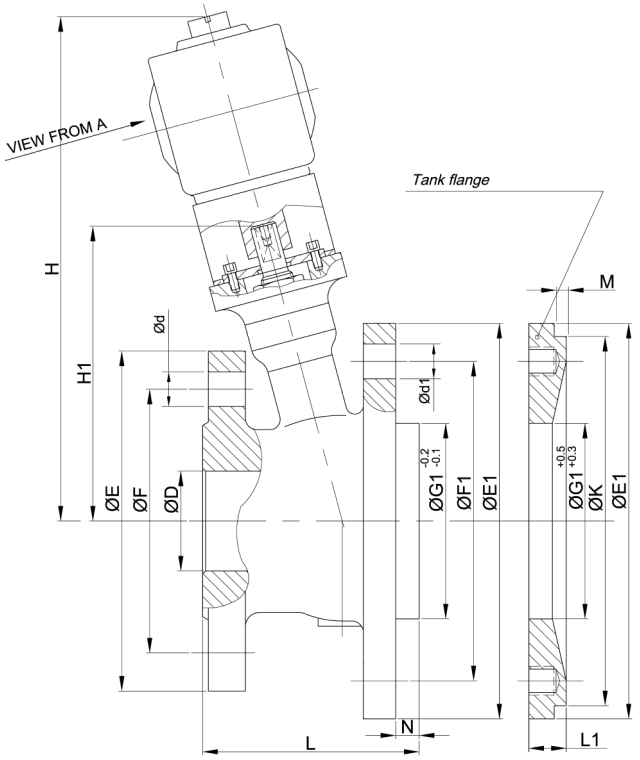
Standard construction materials

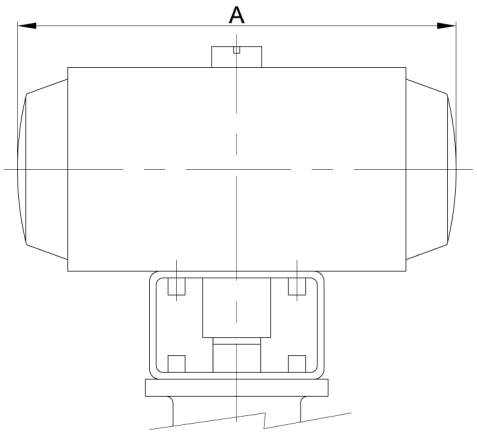


ITEM	DESCRIPTION	CAN.	FIG. I 56 RRR-VV
1	Body	1	1.4408 S.S.
2	Insert	1	1.4401 S.S
3	Ball	1	1.4408 S.S
4	Seat	2	PTFE+GF (R)
5	Stem	1	1.4401 S.S
6	Stem seal	1	PTFE+GF (R)
7	Stem packing	1	PTFE+GF (R)
8	Gland packing	1	1.4401 S.S
9	Spring washer	3	1.4310 S.S
10	Stem nut	1	1.4305 S.S
11	Cover	1	1.4401 S.S
12	Cover ring	1	PTFE (T)
13	Cover bolt	2	A4-70 S.S
14	Body seal 1	1	PTFE+GF (R)
19	Spring	2	1.4319 S.S
20	Ball	2	1.4401 S.S
34	O ring body	1	Viton (V)
35	O ring stem	1	Viton (V)
36	Tank flange	1	1.4401 S.S
127	O ring insert	1	Viton (V)
135	Stem tip	1	PTFE+GF (R)

Tank bottom valve with inclined stem

Dimensions





Free stem valve

DN=D	E	F	d	L	N	E1	F1	G1	d1	H1
40	150	110	18	116	20	185	145	104	18	136
50	165	125	18	111	20	200	160	104	18	136
65	185	145	18	133	20	220	180	124	18	156
80	200	160	18	144	25	250	210	146	18	176
100	220	180	18	169	25	285	240	179	22	189
125	250	210	18	259	30	340	295	215	22	227
150	285	240	22	281	30	405	355	255	26	246

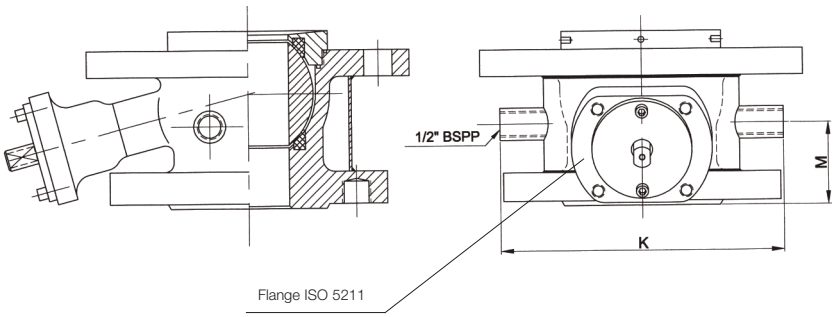
With pneumatic actuator

		Double acting actuator		Spring return actuator	
DN=D	FLANGE TO TANK	H	A	H	A
40	DN 65	277	210	300	268
50	DN 80	289	248	328	315
65	DN 100	311	268	350	345
80	DN 125	395	315	426	408
100	DN 150	409	315	458	438
125	DN 200	469	408	615	621
150	DN 250	504	438	631	621

Tank flange

DN	40	50	65	80	100	125	150
M	3	3	3	3	3	5	5
L1	25	25	25	30	30	35	35
K	180	195	215	245	280	332	397

With heating jacket



DN	ISO5211	K	M
40	F07	162	42
50	F07	180	49
65	F07	198	57
80	F10	230	64
100	F10	254	73
125	F12	306	133
150	F12	350	166

Pekos Valves S.A.
C/ Rec del Molinar, 9 - Poligono Ind. El Circuit
08160 Montmeló - Barcelona (Spain)
Tel. : (+34) 93 579 93 70
Fax. : (+34) 93 579 92 44
pekos@pekos.es
www. pekos.es

Enero 2009 Rev.2