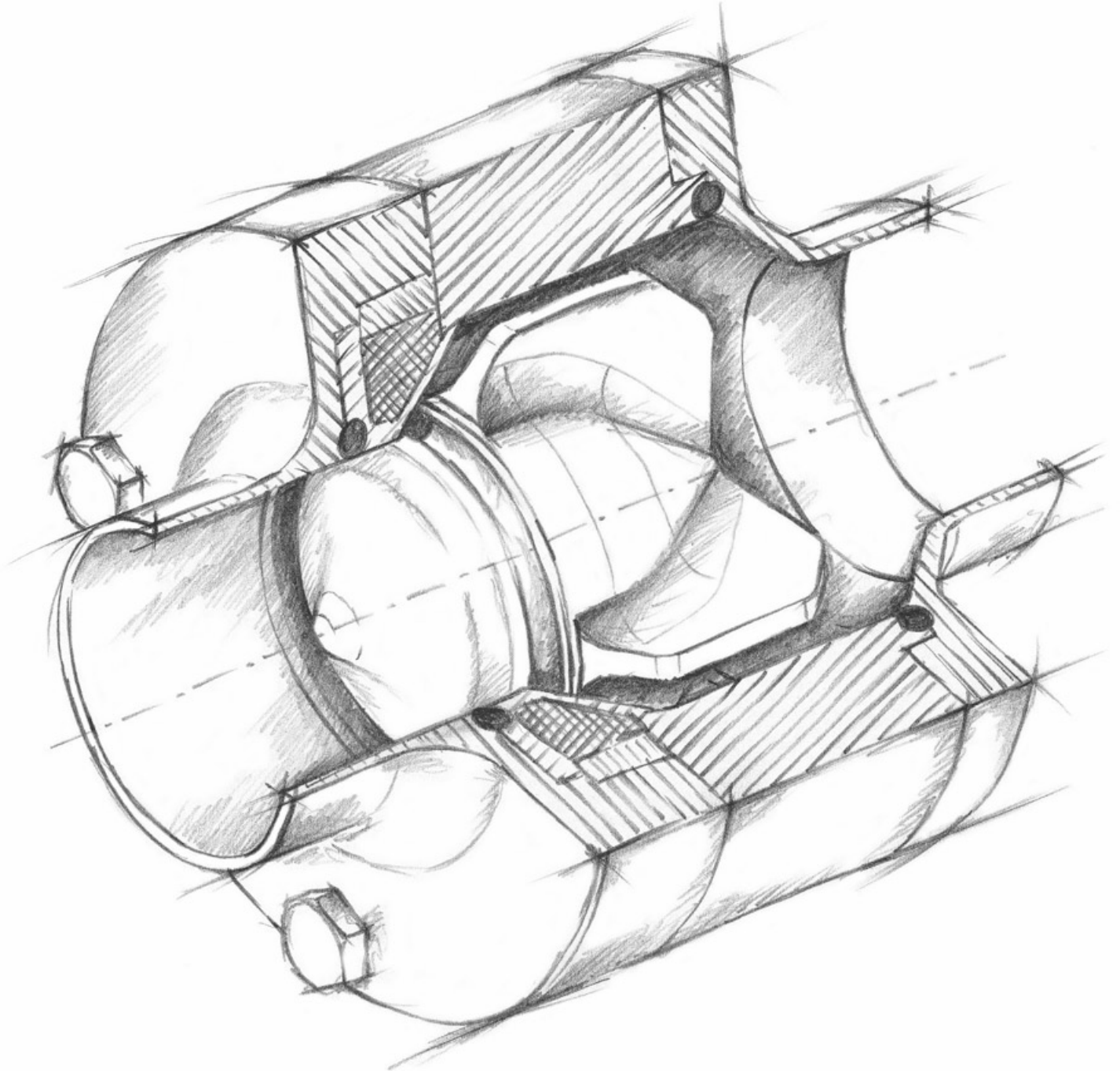




Technical Datasheet Magnetic Check Valve SRCVM
Rev.10/010
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Technical Datasheet for Magnetic Check Valve SRCVM



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Technical Data

Materials

Valve Body / flanges: AISI304, AISI316L
 Shutter: DUPLEX

Surface Finish

Standard Internal surfaces finish $Ra \leq 0.8\mu m$
 additional surface finish available up to $Ra \leq 0.2\mu m$
 Standard external surface finish up to $Ra \leq 3.2\mu m$

Seal

EPDM, NBR, FPM (Viton), Silicon, FEP

Opening pressure

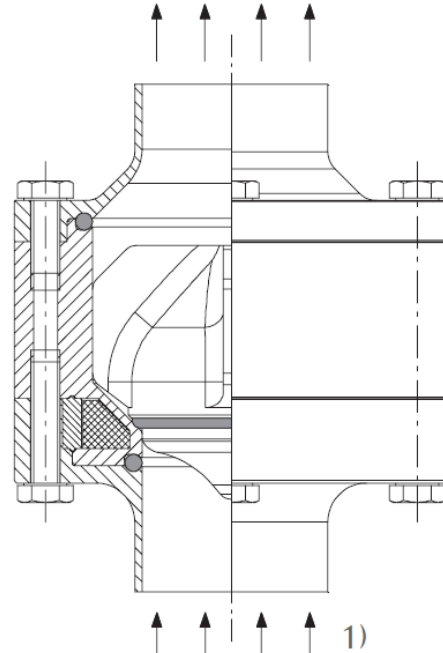
The differential pressure required to open the valve when installed in vertical position is approx 6 kPa (005-006 bar). During operation the differential pressure to keep the valve open is approx 2 kPa (0.02 bar).

Maximum working pressure

1600 kPa (16 bar).

Maximum working temperature

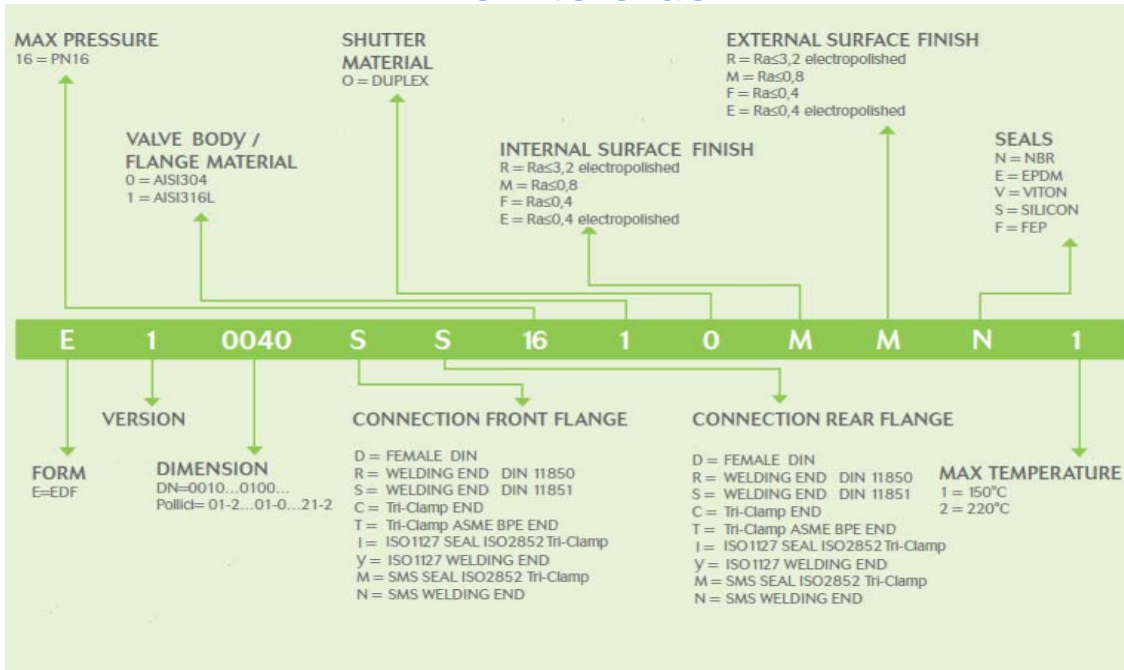
Temperature max 220 °C
 Temperature min -10°C



The sketch shows the optimal installation positioning
 Can be also installed in the horizontal position

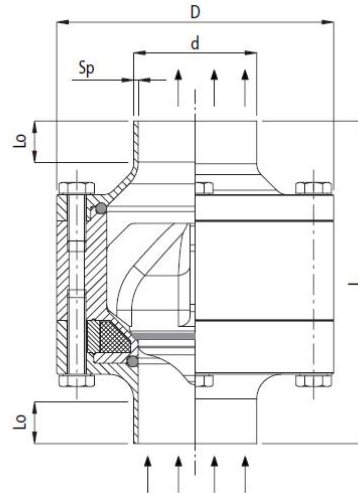
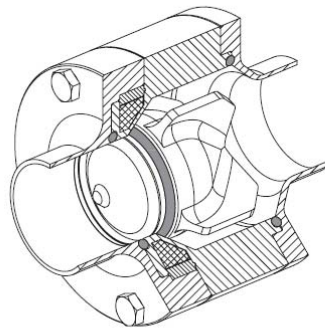
1) Indicates flow direction

How to order





Weld Connection



DIN 11850

Dimension	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
L	60	60	80	80	100	100	110	130	140	150
D	54	54	72	72	90	90	105	130	150	170
d	13	19	23	29	35	41	53	70	85	105
Sp	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	2	2.5
Lo	6	6	9	9	10	10	10	10	8	10
Weight (Kg)	0.3	0.6	0.8	1.3	1.8	2.3	3.3	6.3	9.5	12.1

DIN 11851

Dimension	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80	DN100
L	60	60	80	80	100	100	110	130	140	150
D	54	54	72	72	90	90	105	130	150	170
d	12	18	22	28	34	40	52	70	85	105
Sp	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	2	2.5
Lo	6	6	9	9	10	10	10	10	8	10
Weight (Kg)	0.3	0.6	0.8	1.3	1.8	2.3	3.3	6.3	9.5	12.1

Imperial ASME BPE

Dimension	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"
L	60	80	80	100	110	130	140	150
D	54	72	72	90	105	130	150	170
d	12.7	19.05	25.4	28.1	50.8	63.5	76.2	101.6
Sp	1.65	1.65	1.65	1.65	1.65	1.65	1.65	2.11
Lo	6	6	9	10	10	10	8	8
Weight (Kg)	0.3	0.6	1.3	2.3	3.3	6.3	9.4	11.9



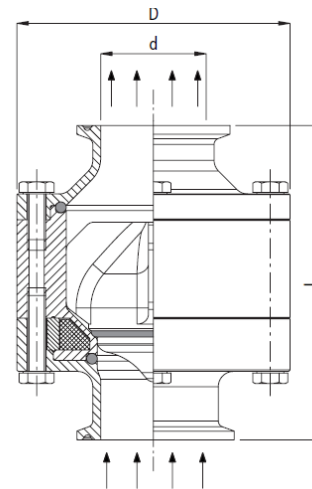
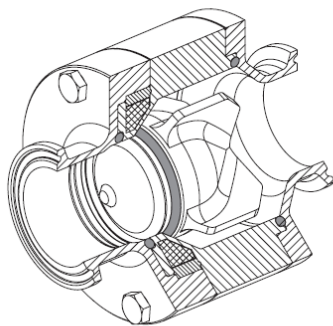
ISO-1127

Dimension	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65	DN80
L	60	60	80	80	100	100	110	130	140	150
D	54	54	72	72	90	90	105	130	150	170
d	13.5	17.2	21.3	26.9	33.7	42.4	48.3	60.3	76.1	88.9
Sp	1.6	1.6	1.6	1.6	2	2	2	2	2	2.3
Lo	6.00	6.00	6.00	10.00	10.00	10.00	10.00	10.00	10.00	8.00
Weight (Kg)	0.3	0.6	0.8	1.3	1.8	2.3	3.3	6.3	9.5	12.1

SMS

Dimension	DN25	DN38	DN51	DN65	DN76	DN104
L	80	100	110	130	140	150
D	72	90	105	130	150	170
d	25	38	51	63.5	76	104
Sp	1.25	1.25	1.25	1.5	1.6	2
Lo	10	10	10	10	8	10
Weight (Kg)	1.3	2.3	3.3	6.3	9.3	11.8

Tri-Clamp Connection



Imperial ASME-BPE Tri - Clamp end connection

Dimension	1/2"	3/4"	1"	1-1/2"	2"	2-1/2"	3"	4"
L	70	70	85	100	110	135	145	155
D	54	54	72	90	105	130	153	173
d	9.4	15.7	22.1	34.8	47.5	60.2	72.9	93.4
Weight (Kg)	0.3	0.6	1.4	2.3	3.3	6.3	9.5	12.2



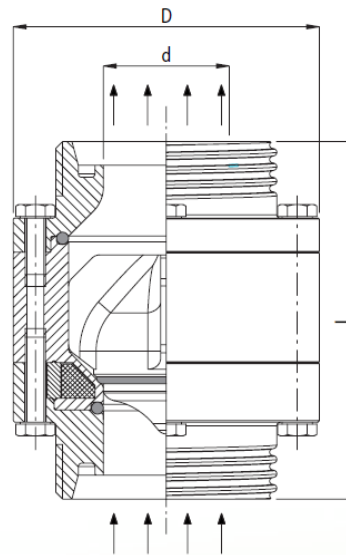
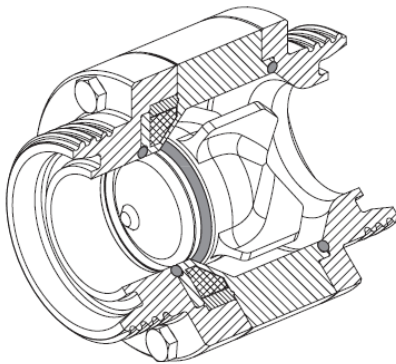
ISO 1127 Tri - Clamp end connection seal 2852

Dimension	DN8	DN10	DN15	DN20	DN25	DN32	DN40	DN50	DN65
L	70	70	80	85	100	100	110	130	135
D	54	54	72	72	90	90	105	130	130
d	10.3	14.0	18.1	23.7	29.7	38.4	44.3	65.3	72.1
Weight (Kg)	0.3	0.6	0.8	1.4	1.8	2.3	3.3	9.5	12.2

SMS Tri - Clamp end connection seal 2852

Dimension	DN25	DN38	DN51	DN63.5	DN76	DN104
L	85	100	110	135	140	150
D	72	90	105	130	150	170
d	22.5	35.50	48.5	60.5	72.8	100
Weight (Kg)	1.4	2.4	3.4	6.4	9.5	12.2

Female DIN ends



Female DIN 11850 end connection

Dimension	DN15	DN25	DN40	DN50	DN65
L	72	88	105	110	143
D	54	72	90	105	130
d	16	26.5	37	49	66
Weight (Kg)	0.7	1.6	2.8	3.8	6.8