



CHECK VALVE

FLANGED BACKFLOW PREVENTOR VALVE, PN16

Model Number: MV30-511

FEATURES / CHARACTERISTICS

Rating	PN16
Connection	Flanged to BS EN1092-2, PN16 (ex BS4504)
Working Medium	Water, Oil and Steam

Ductile Iron Body, Diaphragm with nylon reinforcement, Streamline flow and assures lower head loss, Short body

ON REQUEST

ANSI Standard (subject to minimum order quantities)

HYDROSTATIC TEST PRESSURE

Shell- 24 bar
Seat- 17.6 bar

WORKING TEMPERATURE

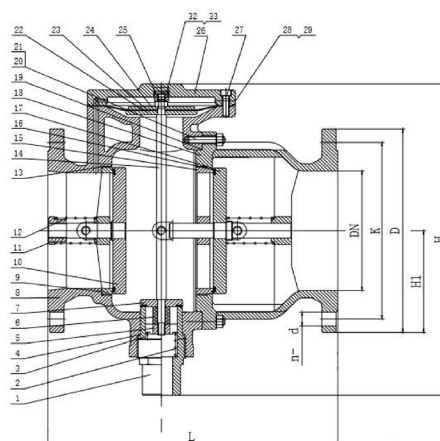
16 Bar -10° C to 80° C water



MATERIAL SPECIFICATIONS

	PARTS	MATERIAL
1	Relief Joint	Stainless steel AISI304
2	Spring	Stainless steel AISI304
3	Seat	Stainless steel AISI304
4	O-ring	EPDM
5	Nut	Stainless steel AISI304
6	Bushing	PTFE
7	Wedge	Stainless steel AISI304
8	Body	Ductile Iron
9	Front Seat	Stainless steel AISI304
10	Front Retainer	Stainless steel AISI304+EPDM
11	Spring seat	Stainless steel AISI304
12	Spring	Stainless steel AISI304
13	O-ring	EPDM
14	Stem	Stainless steel AISI304
15	Back Seat	Stainless steel AISI304

	PARTS	MATERIAL
16	Back Retainer	Stainless steel AISI304+EPDM
17	O-ring	EPDM
18	By-Body	Ductile Iron
19	O-ring	EPDM
20	Bolt	Stainless steel AISI304
21	Hex Bolt	Stainless steel AISI304
22	Down Retainer	Stainless steel AISI304
23	Diaphragm	EPDM+Nylon reinforcement
24	Up Retainer	Stainless steel AISI304
25	Bolt	Stainless steel AISI304
26	Bonnet	Ductile Iron
27	Bolt	Stainless steel AISI304
28	Bolt	Stainless steel AISI304
29	Gasket	EPDM

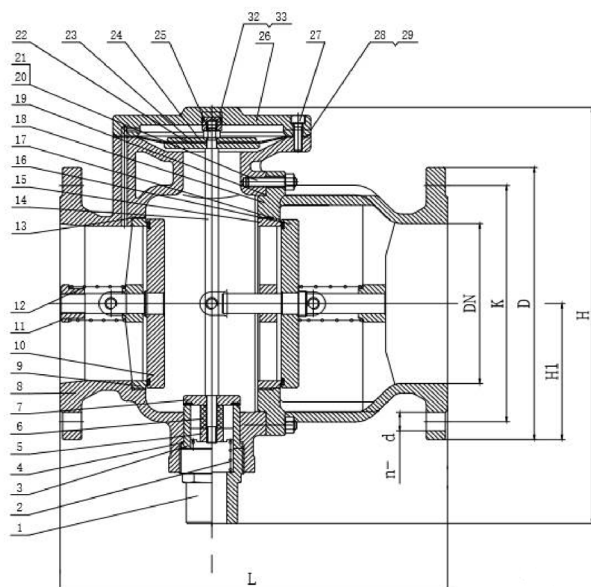




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DIMENSIONS (mm)

Sizes		L (FXF)	ØD	ØK	n-d
DN	inch				
65	2½	236	185	145	4-Ø19
80	3	276	200	160	8-Ø19
100	4	298	220	180	8-Ø19
125	5	303	250	210	8-Ø23
150	6	364	285	240	8-Ø23
200	8	470	340	295	12-Ø23
250	10	530	405	355	12-Ø28
300	12	580	460	410	12-Ø28
350	14	690	520	470	16-Ø28
400	16	740	580	525	16-Ø32
500	20	900	715	650	20-Ø32
600	24	1030	840	770	20-Ø41

*All dimensions are nominal (indicative)
Actual dimensions may vary