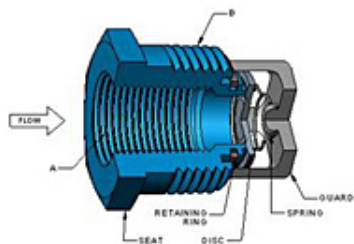


Basic-Check® Threaded In-Line Check Valves



The DFT® Basic-Check® valve is a versatile all-purpose, spring-assisted, in-line check valve that provides reliable, low maintenance service for a wide range of liquids and gases at various pressure/temperature combinations. The valve consists of a guard cage, spring, valve disc, retaining ring and seat. It can be combined with pipe fittings such as reducing couplings, drain elbows, etc. to form a complete check valve unit ideally suited for a broad range of pipeline applications or incorporated into machinery for OEM applications. The metal-to-metal sealing area of the Basic-Check® valve's disc and seat is precision lapped, providing very tight shut-off of both gas and liquid. If bubble-tight shut-off is required, resilient soft seats are available.

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Prod. #	Size	Line Size Inlet (FNPT) A	Style	Outside Thread (MNPT) B	Cv	Valve Cracking Pressure	Cold Working Pressure
8001	DN 8 0.25 in	0.25 in	BSS	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8028	DN 8 0.25 in	0.25 in	BSE	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8057	DN 8 0.25 in	0.25 in	BSSH6	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 6000 psig 0 barg 414 barg
8020	DN 8 0.25 in	0.25 in	BSSH7	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 6000 psig 0 barg 414 barg
8012	DN 8 0.25 in	0.25 in	BS316S	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8029	DN 10 0.38 in	0.38 in	BSE	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8002	DN 10 0.38 in	0.38 in	BSS	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8058	DN 10 0.38 in	0.38 in	BSSH6	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 6000 psig 0 barg 414 barg
8021	DN 10 0.38 in	0.38 in	BSSH7	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 6000 psig 0 barg 414 barg
8013	DN 10 0.38 in	0.38 in	BS316S	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg

8030	DN 15 0.5 in	0.50 in	BSE	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8003	DN 15 0.5 in	0.50 in	BSS	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8066	DN 15 0.5 in	0.50 in	BSS	1.00 in	5.8	0.24 psi 0.017 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8059	DN 15 0.5 in	0.50 in	BSSH6	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 6000 psig 0 barg 414 barg
8022	DN 15 0.5 in	0.50 in	BSSH7	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 6000 psig 0 barg 414 barg
8014	DN 15 0.5 in	0.50 in	BS316S	1.00 in	5.8	0.60 psi 0.041 bar 16.7 in.water 424 mm.water 31.1 mmHg	0 psig 2500 psig 0 barg 172 barg
8031	DN 20 0.75 in	0.75 in	BSE	1.50 in	13.2	0.44 psi 0.030 bar 12.1 in.water 307 mm.water 22.6 mmHg	0 psig 2000 psig 0 barg 138 barg
8004	DN 20 0.75 in	0.75 in	BSS	1.50 in	13.2	0.44 psi 0.030 bar 12.1 in.water 307 mm.water 22.6 mmHg	0 psig 2000 psig 0 barg 138 barg
8060	DN 20 0.75 in	0.75 in	BSSH6	1.50 in	13.2	0.44 psi 0.030 bar 12.1 in.water 307 mm.water 22.6 mmHg	0 psig 5500 psig 0 barg 379 barg
8023	DN 20 0.75 in	0.75 in	BSSH7	1.50 in	13.2	0.44 psi 0.030 bar 12.1 in.water 307 mm.water 22.6 mmHg	0 psig 6000 psig 0 barg 414 barg
8015	DN 20 0.75 in	0.75 in	BS316S	1.50 in	13.2	0.44 psi 0.030 bar 12.1 in.water 307 mm.water 22.6 mmHg	0 psig 2000 psig 0 barg 138 barg
8032	DN 25 1 in	1.00 in	BSE	2.00 in	23.1	0.36 psi 0.025 bar 10.1 in.water 257 mm.water 18.8 mmHg	0 psig 1500 psig 0 barg 103 barg
8005	DN 25 1 in	1.00 in	BSS	2.00 in	23.1	0.36 psi 0.025 bar 10.1 in.water 257 mm.water 18.8 mmHg	0 psig 1500 psig 0 barg 103 barg
8061	DN 25 1 in	1.00 in	BSSH6	2.00 in	23.1	0.36 psi 0.025 bar 10.1 in.water 257 mm.water 18.8 mmHg	0 psig 3000 psig 0 barg 207 barg

8024	DN 25 1 in	1.00 in	BSSH7	2.00 in	23.1	0.36 psi 0.025 bar 10.1 in.water 257 mm.water 18.8 mmHg	0 psig 6000 psig 0 barg 414 barg
8016	DN 25 1 in	1.00 in	BS316S	2.00 in	23.1	0.36 psi 0.025 bar 10.1 in.water 257 mm.water 18.8 mmHg	0 psig 1500 psig 0 barg 103 barg
8009	DN 32 1.25 in	1.25 in	BSA	2.50 in	36	0.16 psi 0.011 bar 4.5 in.water 114 mm.water 8.4 mmHg	0 psig 850 psig 0 barg 58.6 barg
8006	DN 32 1.25 in	1.25 in	BSS	2.50 in	36	0.16 psi 0.011 bar 4.5 in.water 114 mm.water 8.4 mmHg	0 psig 850 psig 0 barg 58.6 barg
8062	DN 32 1.25 in	1.25 in	BSSH6	2.50 in	36	0.16 psi 0.011 bar 4.5 in.water 114 mm.water 8.4 mmHg	0 psig 1100 psig 0 barg 75.8 barg
8025	DN 32 1.25 in	1.25 in	BSSH7	2.50 in	36	0.16 psi 0.011 bar 4.5 in.water 114 mm.water 8.4 mmHg	0 psig 4000 psig 0 barg 276 barg
8017	DN 32 1.25 in	1.25 in	BS316S	2.50 in	36	0.16 psi 0.011 bar 4.5 in.water 114 mm.water 8.4 mmHg	0 psig 850 psig 0 barg 58.6 barg
8007	DN 40 1.5 in	1.50 in	BSS	3.00 in	57.4	0.15 psi 0.010 bar 4.2 in.water 107 mm.water 7.8 mmHg	0 psig 700 psig 0 barg 48.3 barg
8063	DN 40 1.5 in	1.50 in	BSSH6	3.00 in	57.4	0.15 psi 0.010 bar 4.2 in.water 107 mm.water 7.8 mmHg	0 psig 900 psig 0 barg 62.1 barg
8026	DN 40 1.5 in	1.50 in	BSSH7	3.00 in	57.4	0.15 psi 0.010 bar 4.2 in.water 107 mm.water 7.8 mmHg	0 psig 2700 psig 0 barg 186 barg
8018	DN 40 1.5 in	1.50 in	BS316S	3.00 in	57.4	0.15 psi 0.010 bar 4.2 in.water 107 mm.water 7.8 mmHg	0 psig 700 psig 0 barg 48.3 barg
8010	DN 40 1.5 in	1.50 in	BSA	3.00 in	57.4	0.15 psi 0.010 bar 4.2 in.water 107 mm.water 7.8 mmHg	0 psig 700 psig 0 barg 48.3 barg
8011	DN 50 2 in	2.00 in	BSA	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 450 psig 0 barg 31.0 barg
8008	DN 50 2 in	2.00 in	BSS	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 450 psig 0 barg 31.0 barg

8064	DN 50 2 in	2.00 in	BSSH6	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 450 psig 0 barg 31.0 barg
8027	DN 50 2 in	2.00 in	BSSH7	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 800 psig 0 barg 55.2 barg
8019	DN 50 2 in	2.00 in	BS316S	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 450 psig 0 barg 31.0 barg
8000	DN 65 2.5 in	2.50 in	BSS	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 450 psig 0 barg 31.0 barg
8065	DN 65 2.5 in	2.50 in	BSSH6	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 450 psig 0 barg 31.0 barg
8090	DN 65 2.5 in	2.50 in	BSSH7	4.00 in	90	0.10 psi 0.007 bar 2.6 in.water 66 mm.water 4.8 mmHg	0 psig 800 psig 0 barg 55.2 barg

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