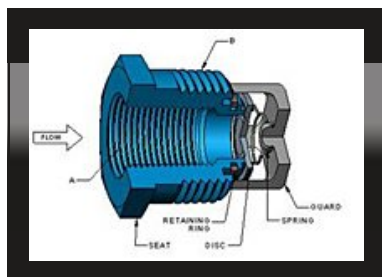




DFT Inc.
 140 Sheree Blvd.
 PO Box 566, Exton, PA 19341-0566 US
Phone: 610.363.8903 • **Fax:** 610.524.9242
E-Mail: dft@dft-valves.com • **Web site:** <http://www.dft-valves.com>

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 [+ more](#)



| Prod. # | Size | Line Size Inlet (FNPT) A | Style | Outside Thread (MNPT) B | Cv | Valve Cracking Pressure | Cold Working Pressure |
|-------------|------------------|--------------------------|--------|-------------------------|-----|---|---|
| <u>8001</u> | 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 |
| <u>8028</u> | 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 |
| <u>8057</u> | 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 |
| <u>8020</u> | 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 |
| <u>8012</u> | 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 |
| <u>8029</u> | 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 |
| <u>8002</u> | 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 |
| <u>8058</u> | 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 |
| <u>8021</u> | 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 |

| <u>Prod. #</u> | <u>Size</u> | <u>Line Size Inlet (FNPT) A</u> | <u>Style</u> | <u>Outside Thread (MNPT) B</u> | <u>Cv</u> | <u>Valve Cracking Pressure</u> | <u>Cold Working Pressure</u> |
|----------------|------------------------|---------------------------------|--------------|--------------------------------|-----------|---|---|
| <u>8013</u> | 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 |
| <u>8030</u> | 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 |
| <u>8003</u> | 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 |
| <u>8066</u> | 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 |
| <u>8059</u> | 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 |
| <u>8022</u> | 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 |
| <u>8014</u> | 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 |
| <u>8031</u> | 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 |
| <u>8004</u> | 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 |
| <u>8060</u> | 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 |
| <u>8023</u> | 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 |
| <u>8015</u> | 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 |
| <u>8032</u> | 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 |
| <u>8005</u> | 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 |
| <u>8061</u> | 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 |

| <u>Prod. #</u> | <u>Size</u> | <u>Line Size Inlet (FNPT) A</u> | <u>Style</u> | <u>Outside Thread (MNPT) B</u> | <u>Cv</u> | <u>Valve Cracking Pressure</u> | <u>Cold Working Pressure</u> |
|----------------|------------------|---------------------------------|--------------|--------------------------------|-----------|---|---|
| <u>8024</u> | 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 |