

# DT Family of Valves

## Specifications



| Valve OD | Working Pressure |                |                      | Service  | Material  | Temperature rating |                  | Tensile Yield | Torsional Yield | Length           |               | ID                |                | Certification                | Availability         |
|----------|------------------|----------------|----------------------|----------|-----------|--------------------|------------------|---------------|-----------------|------------------|---------------|-------------------|----------------|------------------------------|----------------------|
|          | Body             | Below flappers | External to Internal |          |           | Nitrile elastomers | Viton elastomers |               |                 | Without LO latch | With LO latch | Without LO Sleeve | With LO Sleeve |                              |                      |
| "        | psia             | psia           | psia                 |          |           | degC               | degC             | lbs           | ftlbs           | "                | "             | "                 | "              |                              |                      |
| 8 1/2    | 15000            | 15000          | 15000                | Standard | AISI 4145 | 150                | 200              | 2700000       | 140000          | 68 1/2           | 111.125       | 2.75              | 2.25           | API Spec7NRV                 | Available from stock |
| 8 1/2    | 15000            | 15000          | 15000                | Sour     | AISI 4140 | 150 (HNBR)         | 200 (Aflas)      | 1800000       | 93000           | 68 1/2           | 111.125       | 2.75              | 2.25           | API Spec7NRV                 | Available to order   |
| 7        | 15000            | 15000          | 15000                | Standard | AISI 4145 | 150                | 200              | 1619800       | 67500           | 68 1/2           | 110.5         | 2.75              | 2.25           | API Spec7NRV / DNVGL-OS-E101 | Available from stock |
| 7        | 15000            | 15000          | 15000                | Standard | AISI 4145 | 150                | 200              | 1619800       | 67500           | 68 1/2           | 110.5         | 2.75              | 2.25           | API Spec7NRV                 | Available from stock |
| 7        | 15000            | 15000          | 15000                | Sour     | AISI 4140 | 150 (HNBR)         | 200 (Aflas)      | 1150300       | 48000           | 68 7/8           | 111 1/8       | 2.25              | 1.75           | API Spec7NRV                 | Available to order   |
| 7        | 15000            | 15000          | 15000                | Sour     | AISI 4140 | 150 (HNBR)         | 200 (Aflas)      | 1150300       | 48000           | 68 7/8           | 111 1/8       | 2.25              | 1.75           | API Spec7NRV                 | Available to order   |
| 4 3/4    | 10000            | 10000          | 10000                | Sour     | AISI 4140 | 150 (HNBR)         | 200 (Aflas)      | 620900        | 17000           | 65 3/8           | N/A           | 1.313             | N/A            | API Spec7NRV / DNVGL-OS-E101 | Available to order   |
| 4 3/4    | 10000            | 10000          | 10000                | Sour     | AISI 4140 | 150 (HNBR)         | 200 (Aflas)      | 620900        | 17000           | 65 3/8           | N/A           | 1.313             | N/A            | API Spec7NRV                 | Available to order   |
| 4 3/4    | 15000            | 15000          | 15000                | Standard | AISI 4145 | 150                | 200              | 931300        | 25500           | 65 3/8           | N/A           | 1.313             | N/A            | API Spec7NRV / DNVGL-OS-E101 | Available from stock |
| 4 3/4    | 15000            | 15000          | 15000                | Standard | AISI 4145 | 150                | 200              | 931300        | 25500           | 65 3/8           | N/A           | 1,313             | N/A            | API Spec7NRV                 | Available from stock |

Notes:  
 The 4 3/4" valves do not come with a lock open sleeve (or grapple housing) as the ID is too small to allow wireline to pass. They are expected to be run in the BHA only.  
 The temperature rating of the valves is defined by the elastomer type. Higher temperature elastomers are available on request.  
 Full DNV survey takes around 2 months for completion.  
 ABS CDS certification is currently under investigation and will likely be available for all valves in the near future based on demand.