

# 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 1/4	15000	15000	15000	Standard	AISI 4145	150	200	2700000	130000	68 1/2	111.125	2.75	2.25	API Spec7NRV	Available from stock
8 1/4	15000	15000	15000	Sour	AISI 4140	150 (HNBR)	200 (Aflas)	1800000	88000	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.