

15N Series
15,000 psig (1034 bar)

Medium & High Pressure Fittings and Tubing
Quick Couplings
Medium & High Pressure Valves
Line Filters
Sour Service Products
Subsea Valves
Tools and Installation Instructions
Technical Information

Basic Ordering Number		System Pressure KSI (MPa)									Stem Travel in. (mm)	Flow Coefficient (Cv)	
		1-4 (6.9-27.6)	6 (41.4)	8 (55.2)	10 (69.0)	12 (82.7)	14 (96.5)	15 (103.4)					
15NSS-DHL2-X	Air Pressure psig (bar)	45 (3.1)	55 (3.8)	60 (4.2)	70 (4.8)	75 (5.2)	85 (5.9)	90 (6.2)				0.12 (3.0)	0.10
15NSS-DHL4-X	Air Pressure psig (bar)	30 (2.1)	35 (2.4)	40 (2.8)	50 (3.5)	55 (3.8)	60 (4.2)	60 (4.2)				0.19 (4.9)	0.54
15NSS-DHL6-X													0.95
15NSS-DHL8-X	Air Pressure psig (bar)	25 (1.7)	35 (2.4)	45 (3.1)	50 (3.5)	60 (4.2)	70 (4.8)	75 (5.2)				0.24 (6.0)	1.90
15NSS-FNS2-X	Air Pressure psig (bar)	65 (4.5)	75 (5.2)	80 (5.5)	90 (6.2)	95 (6.6)	100 (6.9)	100 (6.9)				0.12 (3.0)	0.07
15NSS-FNS4-X	Air Pressure psig (bar)	30 (2.1)	35 (2.4)	40 (2.8)	50 (3.5)	55 (3.8)	60 (4.2)	60 (4.2)				0.19 (4.9)	0.47
15NSS-FNS6-X	Air Pressure psig (bar)	30 (2.1)	35 (2.4)	40 (2.8)	50 (3.5)	55 (3.8)	60 (4.2)	60 (4.2)				0.19 (4.9)	0.59
15NSS-FNS8-X	Air Pressure psig (bar)	20 (1.4)	30 (2.1)	35 (2.4)	40 (2.8)	45 (3.1)	55 (3.8)	55 (3.8)				0.24 (6.0)	1.04
15NSS-FRT2-X													
15NSS-FRT4-X													
15NSS-FRT6-X													
15NSS-FRT8-X													

- NOTES: 1. -X: Designator of valve flow patterns. Valves are available in 6 different flow patterns (-1 to -6). For details, please refer to the FITOK Catalog for Medium & High Pressure Needle Valves.
2. The values of Cv shown are for 2-way straight pattern valves.
3. The values of Cv for 2-way angle patterns will increase by about 50% (with water).
4. All dimensions are for reference only and are subject to change.