

30N Series
30,000 psig (2068 bar)

30N Series													
Basic Ordering Number		System Pressure KSI (MPa)											Flow Coefficient (Cv)
		1-10	12	14	16	18	20	22	24	26	28	30	
		(6.9-69.0)	(82.7)	(96.5)	(110.3)	(124.1)	(137.9)	(151.7)	(165.5)	(179.3)	(193.1)	(206.8)	
30NSS-6FH4-X	Air Pressure psig (bar)	55 (3.8)	60 (4.1)	65 (4.5)	65 (4.5)	70 (4.8)	75 (5.2)	80 (5.5)	85 (5.9)	90 (6.2)	95 (6.6)	100 (6.9)	0.12
30NSS-6FH6-X	Spring Pre-Compression in. (mm)	0.14 (3.8)	0.18 (4.6)	0.21 (5.4)	0.24 (6.1)	0.27 (6.9)	0.30 (7.7)	0.33 (8.4)	0.36 (9.2)	0.39 (10)	0.42 (10.7)	0.45 (11.5)	0.22
30NSS-6FH9-X	Stem Travel in. (mm)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.19 (4.9)	0.31

- 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.