

Fig. 5N & 5NLS Bronze Needle



FEATURES & BENEFITS

- High quality bronze body with robust spherical shape
- Rising stem and screwed bonnet
- Assures accurate flow regulation/control
- Suitable for high pressures up to 32 bar



MATERIAL SPECIFICATION

Component	Material	Specification	
		BS EN	ASTM
Body	Cast Bronze	1982 CC491K	B62 C83600
Stem	Brass	12164 CW617N	B124 Alloy 2
Stem Packing	Teflon	PTFE	
Bonnet	Cast Bronze	1982 CC491K	B62 C83600
Packing Nut	Brass	12164 CW614N	B455 C38500
Handwheel	Aluminium	-	
Identification Plate	Aluminium	-	
Handwheel Nut	Brass	12164 CW614N	B455 C38500

DIMENSIONAL DRAWINGS

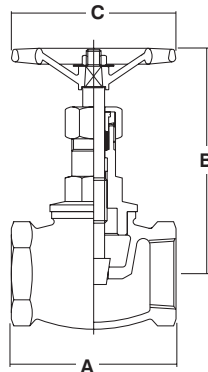


Fig. 5N

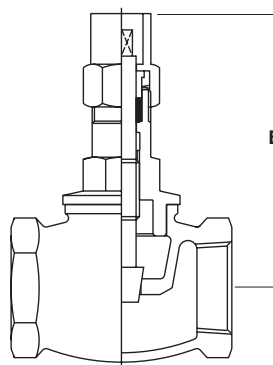


Fig. 5NLS

DIMENSIONS & WEIGHTS

Nom Size	in	1/4	3/8	1/2	3/4	1
A	mm	51	51	60	74	86
B (Open)	mm	72	72	92	108	118
C	mm	57	57	68	75	82
E	mm	75	75	95	111	121
Lockshield key	Fig.	391	391	391	391	391
	Ref	IP	IP	IP	IP	IP
Weight	kg	0.2	0.2	0.4	0.6	0.9

PRESSURE/ TEMPERATURE RATING

BS 5154: 1991 PN32 Series B
14 bar at 198°C
32 bar from -10 to 100°C

TEST PRESSURES (PNEUMATIC)

Shell: 6 bar
Seat: 6 bar

SPECIFICATION

Rising stem.
Screwed bonnet.
Taper threaded BS EN 10226
(ISO 7-1) formerly BS 21.

