

The Series 771 is used to control pressure, flow & water level. Suitable for use with potable and filtered water, to a maximum temperature of 80°C.

Features:

- Line-pressure driven.
- Wide body hydrodynamically designed for efficient flow & excellent resistance to cavitation. Increases capacity by 25% over ordinary globe valves.
- V-port plug as standard.
- In-line serviceable for easy maintenance.
- Double chamber design for moderate valve reaction and a protected diaphragm.
- Full-bore for reliability and reduced turbulence.
- Self-aligning valve closure with resilient seal.
- Industrial quality construction.
- Pressure ratings and connection in accordance with ISO, ANSI, BS & JIS standards.
- WRAS approved.
- UL and Lloyds listed for fire protection.

Options:

- PN 25 rating.
- Modular design for many applications.
- On-site retrofit of position indicator.
- Various materials available.



TESTS

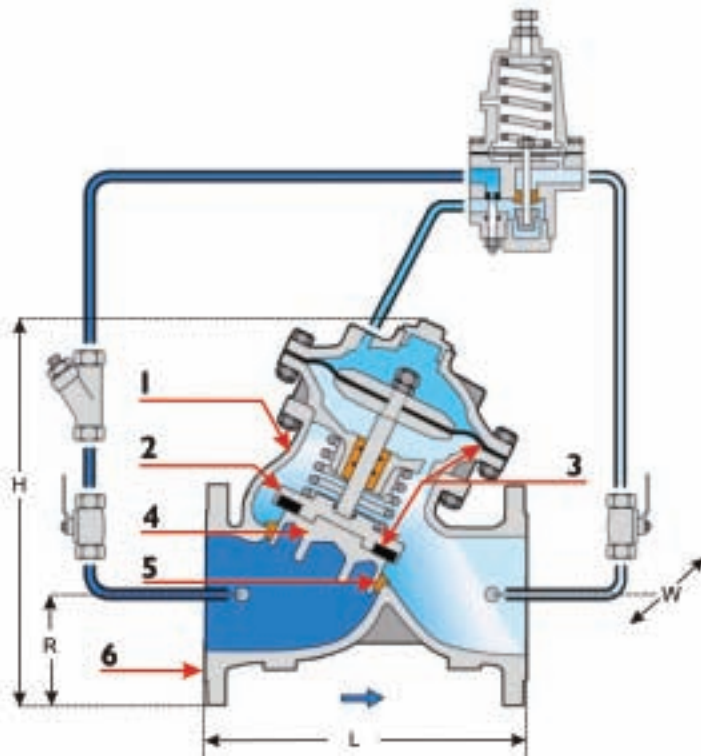
Hydraulic test.
 Seat: 1.0 x PN high. 0.1 bar low. Body: 1.5 x PN
 WRAS approved.

SERVICE CONDITIONS

Maximum Working Pressure: 16 bar.
 Temperature Range: -10°C to +80°C. Insulation
 essential for temperatures
 of 0°C and below.

MATERIALS OF CONSTRUCTION

No.	DESCRIPTION	MATERIAL
1	Body & Bonnet	Ductile iron (standard) / Cast iron/Stainless steel 316/Bronze and others.
2	Valve Trim	Stainless steel / Bronze.
3	Diaphragm and seals	Nitrile / Buna-N / EPDM
4	V-Port plug	Bronze (standard) / Stainless steel.
5	Body seat	Stainless steel
6	Coating	Fusion Bonded Epoxy, RAL 5005 (Blue) WRAS approved



*Dimensions do not include fittings and accessories and are for base unit only.

DIMENSIONS & WEIGHTS*

Ref No.	DN	L	H	R	W	Weight (Kg)
771-3-040-140000	40	205	239	78	155	9.1
771-3-050-140000	50	210	244	83	165	10.6
771-3-065-140000	65	222	257	95	178	13
771-3-080-140000	80	250	305	100	200	22
771-3-100-140000	100	320	366	115	223	37
771-3-150-140000	150	415	492	143	320	75
771-3-200-140000	200	500	584	172	390	125
771-3-250-140000	250	605	724	204	480	217
771-3-300-140000	300	725	840	242	550	370
771-3-350-140000	350	733	866	268	550	381
771-3-400-140000	400	990	1108	300	740	846
771-3-450-140000	450	1000	1127	319	740	945
771-3-500-140000	500	1100	1167	358	740	962
771-3-600-140000	600	1450	1965	470	1250	3250
771-3-750-140000	750	1750	2015	520	1250	3900
771-3-800-140000	800	1850	2048	553	1250	4100