

SERVICE CONNECTION VALVE

1 CHARACTERISTICS AND BENEFITS

- Resilient seated valve
- For reliable closing of liquid flow
- With threaded ends on both sides
- Simple construction and low weight
- Low operating torque
- Stem sealing with two O-rings in POM bearing
- Simple handling
- Maintenance-free
- Two construction types: 745 01 – internal/internal threaded and 745 02 – internal/external threaded
- Inside and outside Epoxy powder coating in RAL 5005

2 STANDARDS

- Manufactured and tested in accordance with EN 1074-2 (water supply valves)
- Resilient seated acc. to EN 1171
- Thread in accordance with ISO 228
- Final strength and tightness test acc. to EN 12266-1
- Corrosion protection acc. to DIN 30677-2 and EN 14901
- Sealing elements for drinking water acc. to EN 681
- Microbiological suitability acc. to EN 16421 (W270)

3 APPROVALS

- UBA, W270, ACS WRAS, Belgaqua for EPDM sealing elements and Epoxy coating
- RAL GZ-662/2 for corrosion protection
- EAC for the Russian market
- EMI for the Hungarian market
- VIK for the Croatian market
- Conformity for potable water acc. to the DM 174 for Italian market

ART. 745 SEVA

DN 20–50

PN 16

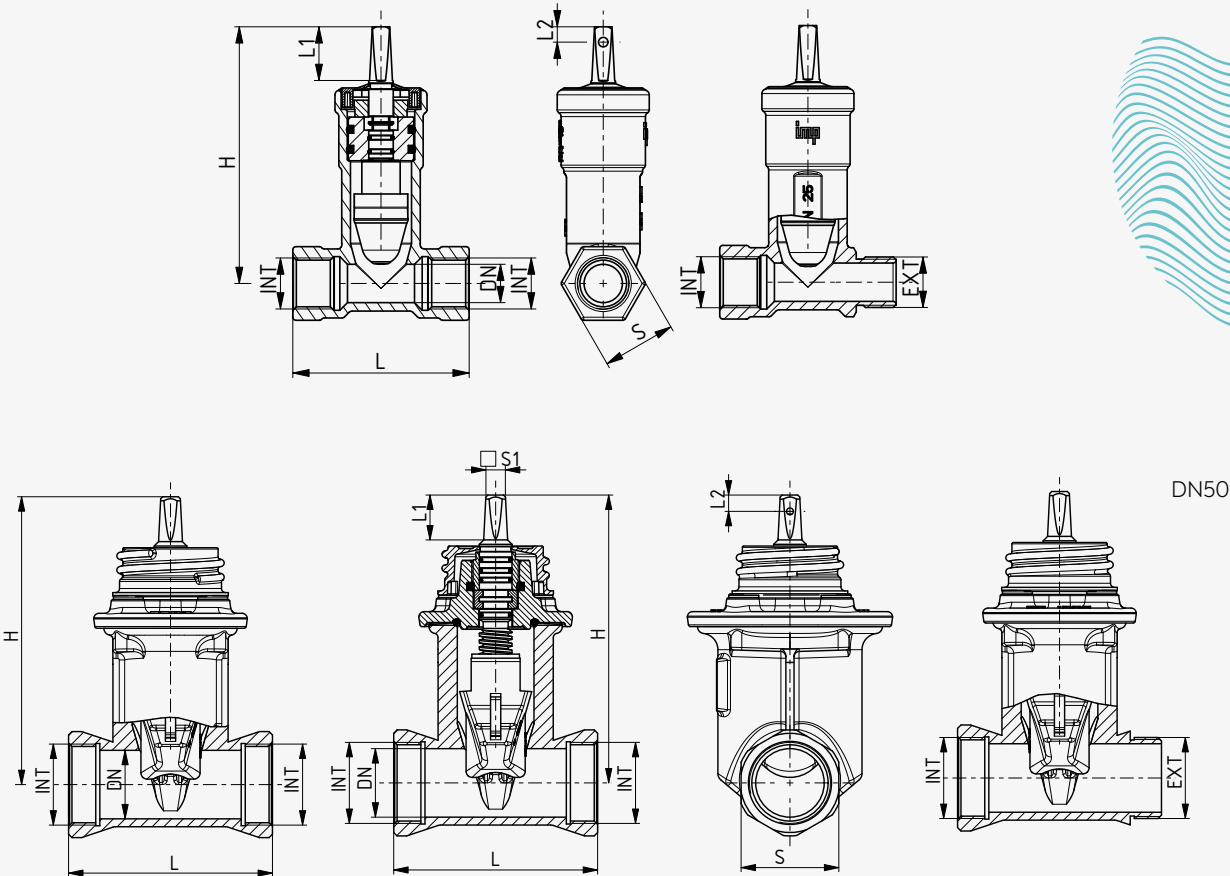


POSSIBLE ADDITIONS ON DEMAND

- Hand wheel
- Telescopic spindle extension

PN	16
Max. operating pressure [bar]	10
Max. operating temperature for neutral liquids [°C]	50
Shell strength and tightness: test with air; rate A [bar]	24
Seat tightness: test with air; rate A [bar]	17,6

TECHNICAL DRAWINGS



DATA

DN	20	25	32	40	50
Thread ["]	3/4	1	1 1/4	1 1/2	2
L	115		130	150	150
H	167		181	197	203
S	48		54	60	72
Weight [kg]	1,9	1,8	2,5	3,3	5,6
L1	35				29
L2	10				12
S1	12				14

MATERIALS

BASIC VERSION	
EPDM for potable water	
Body	EN GJS-400-15
Cover DN20-40	HDPE
Wedge DN20-40	Brass CW614N / EPDM
Bearing 20-40	POM
Cover DN50	EN-GJS-400-15
Wedge DN50	EN-GJS-400-15 / CW614N / EPDM
Bearing DN50	CW614N
Stem	Stainless steel 1.4021
Stem sealing	EPDM
Epoxy powder coating	Min 250 µm