SERIES 755
BIDIRECTIONAL URETHANE LINED SLURRY VALVES
2” to 24” 150psi (10bar), 240psi (16bar), 300psi (20bar)
FEATURES & BENEFITS

DESIGN FEATURES

The Bray Series 755 features a field replaceable polyurethane bore liner making it an economical solution for abrasive applications. Utilizing the same robust steel reinforced perimeter seat as the Series 752 enables bidirectional zero leakage shutoff.

The replaceable steel reinforced perimeter seat is mechanically retained between both halves of the two-piece bolted body providing unsurpassed performance in the most demanding applications.

1. Designed for easy, quick conversion between manual and pneumatic actuation. Featuring a lubricant injection port for continuous, smooth operation with minimal maintenance.
2. Clevis design and horizontal bolting stabilizes gate ensuring proper alignment.
4. Unrestricted flow path with minimal pressure drop achieved through full port valve design.
5. Replaceable steel reinforced elastomer perimeter seat ensures bidirectional zero leakage shutoff.
6. Two-piece bolted body for easy maintenance and seat replacement.
7. Polyurethane liner or rubber liner bonded to both halves of the body (755P/755R) completely protects valve body from media.
8. Polyurethane bore liner or rubber liner provides total protection from abrasive media.
SEAT OPTIONS
Buna-N -35°-194°F / -37°-90°C
EPDM -65°-248°F / -54°-120°C
Viton® -15°-392°F / -26°-200°C

GATE OPTIONS
304, 316, 317 Stainless Steel
SAF 2507 Duplex
SAF 2205 Duplex
17-4PH Stainless Steel
Hastelloy® C
Monel®

Additional material options may be available upon request. Consult factory for availability.

BODY OPTIONS
CF3M Stainless Steel
SAF 2205 Duplex
SAF 2507 Duplex

STANDARDS
Design Manufacturer Standard
Testing MSS SP-151
Face-to-Face MSS SP-81
Certification Canadian CRN
Drilling* ASME B16.5 CL150

ACTUATOR OPTIONS
Direct Mounted Handwheel Standard (2”-10”)
Bevel Gear Standard (12”-24”)
Pneumatic
Hydraulic
Electric

PACKING OPTIONS
PTFE impregnated synthetic fiber
EPDM -65°-248°F / -54°-120°C
Viton® -15°-392°F / -26°-200°C

SPECIFICATIONS
Size Range 2” to 24” (50 - 600mm)
Pressure 150psi (10bar)
Rating 300psi (20bar)

WEIGHTS (lbs)
Size (in.) 2 3 4 6 8 10 12 14 16 18 20 24
Handwheel 37 44 53 88 139 181 -- -- -- -- -- --
Pneumatic Act. 55 73 106 128 205 247 428 721 937 1151 1318 1554
Gear Operator -- -- -- -- -- 194 254 309 474 664 884 1076

WEIGHTS (kg)
Size (mm) 50 80 100 150 200 250 300 350 400 450 500 600
Handwheel 17 20 24 40 63 82 -- -- -- -- -- --
Pneumatic Act. 25 33 48 58 93 112 194 327 425 522 598 705
Gear Operator -- -- -- -- -- 88 115 140 215 301 401 488

Dimensions are approximate and subject to change. Consult factory for certified drawings.
Above table is applicable for 10-16 bar. For 20 bar consult factory.

*Approximate weight shown, consult factory for additional configurations

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