

Series 755

Bidirectional Urethane Lined Slurry Valve



Bray / VAASTM

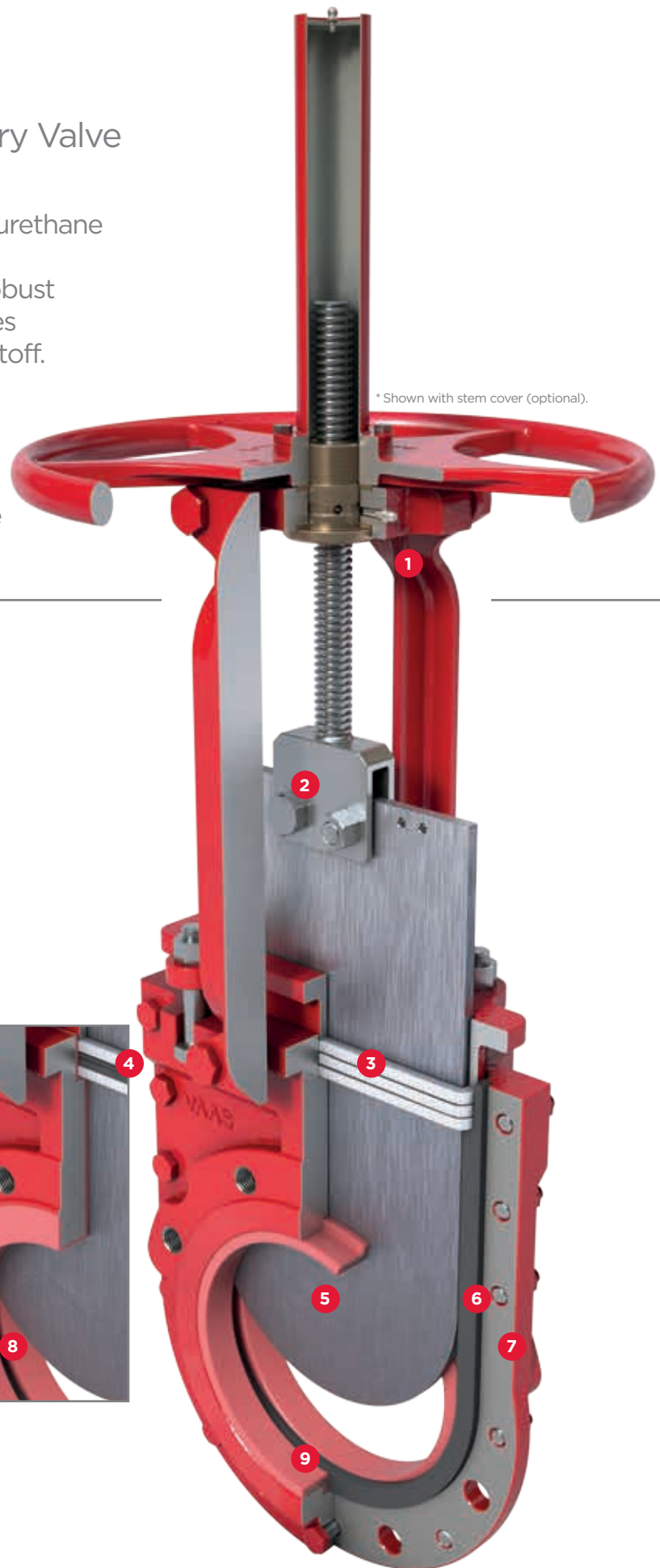
2"-24" (50-600mm) 150psi (10bar),
240psi (16bar), 300psi (20bar)

Series 755

Bidirectional Urethane Lined Slurry Valve

The Bray/VAAS Series 755 features a polyurethane 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.
- 3 Standard multi-layer square packing provides exceptional gland sealing.
- 4 Optional energized quad seal packing for enhanced gland sealing.
- 5 Unrestricted flow path with minimal pressure drop achieved through full port valve design.
- 6 Replaceable steel reinforced elastomer perimeter seat ensures bidirectional zero leakage shutoff.
- 7 Two piece bolted body for easy maintenance and seat replacement.
- 8 Polyurethane liner bonded to both halves of the body (755P) completely protects valve body from media.
- 9 Polyurethane bore liner provides total protection from abrasive media.

Standard Construction

Body	Gate	Seat	Stem	Gland	Packing	Topworks
CF8	304	Buna-N	304	304	PTFE	Steel
CF8M	316	Buna-N	304	304	PTFE	Steel
WCB	304	Buna-N	304	WCB	PTFE	Steel

Body Options

Carbon Steel (WCB)
CF8 Stainless Steel
CF8M Stainless Steel
CF3M Stainless Steel
SAF 2205 Duplex
SAF 2507 Duplex

Gate Options

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

Seat Options

Buna-N -35°-194°F/-37°-90°C
EPDM -65°-248°F/-54°-120°C
Viton® -15°-392°F/-26°-200°C

Actuator Options*

Bevel Gear
Pneumatic
Hydraulic
Electric

*Direct Mounted Handwheel (Standard).

Packing Options

PTFE 232°C/450°F
Elastomer 90°C/194°F
Quad Seal* 200°C/392°F

*PTFE with Buna-N or Viton®.

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

Specifications & Standards

Size Range	2" to 24" (50 - 600mm)
Pressure Rating	150psi (10bar), 240psi (16bar), 300psi (20bar)
Body Style	Wafer, two-piece bolted

Design	MSS SP-81
Testing	MSS SP-81
Face-to-face	MSS SP-81 (150psi, 240psi models)
Certification	Canadian CRN
Drilling*	ASME B16.5 CL150, ASME B16.47 CL150

*Additional drilling options available. Consult factory for availability.

Dimensions

In. (mm)	A	B-PCD	R/FØC	D	E	ØF	G	H	I	ØJ
2 (50)	1.88 (48)	4.75 (121)	3.62 (92)	14.56 (370)	16.14 (410)	7.99 (203)	20.66 (525)	--	--	--
3 (80)	2.00 (51)	6.00 (153)	5.00 (127)	15.55 (395)	17.51 (445)	7.99 (203)	23.62 (600)	--	--	--
4 (100)	2.00 (51)	7.50 (191)	6.18 (157)	19.48 (495)	22.83 (580)	10.00 (254)	27.55 (700)	--	--	--
6 (150)	2.24 (57)	9.50 (242)	8.50 (216)	23.50 (597)	28.22 (717)	12.00 (305)	36.41 (925)	--	--	--
8 (200)	2.75 (70)	11.75 (299)	10.63 (270)	28.18 (716)	34.92 (887)	15.98 (406)	42.12 (1070)	--	--	--
10 (250)	2.75 (70)	14.25 (362)	12.76 (324)	30.51 (775)	40.94 (1040)	15.98 (406)	50.59 (1285)	51.18 (1300)	9.68 (246)	19.68 (500)
12 (300)	3.00 (76)	17.00 (432)	14.76 (375)	34.25 (870)	46.65 (1185)	20.00 (508)	55.11 (1400)	59.05 (1500)	9.68 (246)	19.68 (500)
14 (350)	3.00 (76)	18.75 (476)	16.26 (413)	--	--	--	59.44 (1510)	62.99 (1600)	9.68 (246)	19.68 (500)
16 (400)	3.50 (89)	21.25 (540)	18.50 (470)	--	--	--	70.27 (1785)	65.94 (1675)	10.47 (266)	19.68 (500)
18 (450)	3.50 (89)	22.75 (578)	20.98 (533.5)	--	--	--	76.57 (1945)	68.89 (1750)	10.47 (266)	19.68 (500)
20 (500)	4.50 (114)	25.00 (635)	23.03 (584)	--	--	--	82.67 (2100)	84.64 (2150)	10.47 (266)	19.68 (500)
24 (600)	4.50 (114)	29.50 (750)	27.24 (692)	--	--	--	89.96 (2285)	94.48 (2400)	10.55 (268)	19.68 (500)

Dimensions are approximate and subject to change. Consult factory for certified drawings.

Weights

Size (In.)	2	3	4	6	8	10	12	14	16	18	20	24
Weight (lbs)	24	35	44	62	119	176*	165*	304*	419*	516*	661*	955*
Size (mm)	50	80	100	150	200	250	300	350	400	450	500	600
Weight (kgs)	11	16	20	28	54	80*	120*	138*	190*	234*	300*	433*

*Approximate weights shown with bevel gear actuator standard on 10"-24" valves, consult factory for additional configurations.

