

Buttweld End Type BWR

Buttweld End design.
For direct welding into a
piping system. Can be
provided with transition
and/or pup pieces

Retainerless

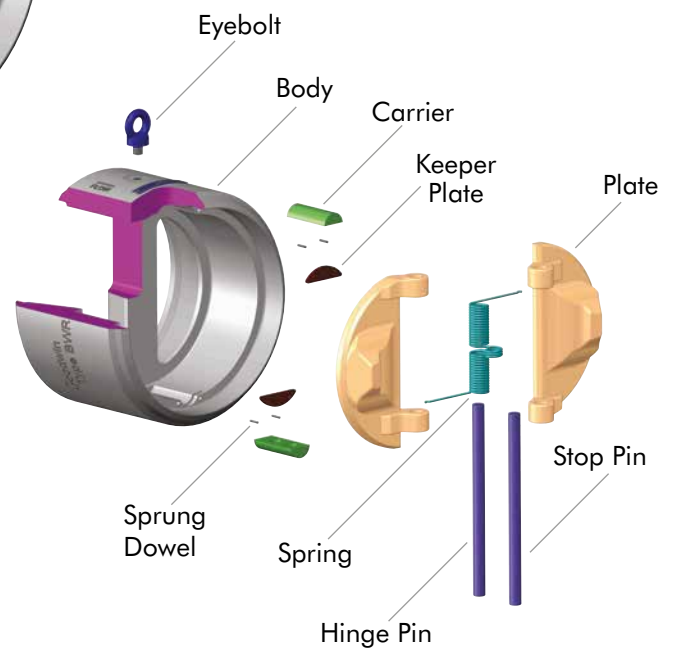
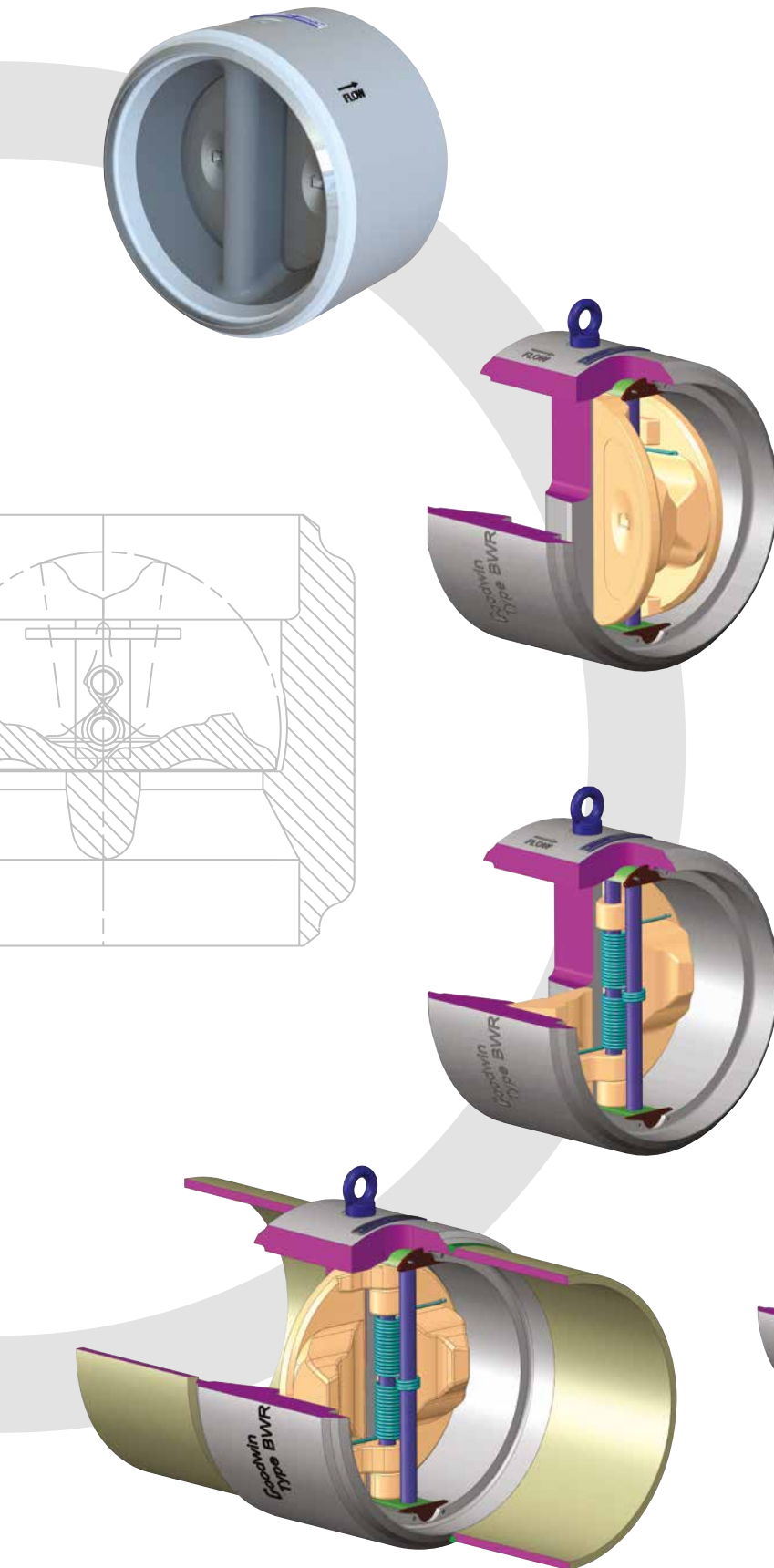
- Retainerless is standard in Goodwin Check Valves

API 594

- Designed in accordance with API 594 / API 6D
- Face-to-face dimensions to Goodwin Standard

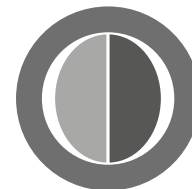
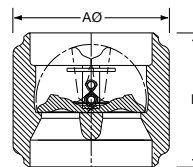
Unique Plate Design

- Pressure sensitive plate
- Improved flow efficiencies
- Total Life Cycle Costs reduced
- Superior metal-to-metal sealing
- High degree of shut-off



Type BWR

Installation Dimensions



Size mm	Pressure Rating ASME	A mm	B mm	Δ Valve Weight kg
3 (80mm)	150	98.0	136.0	6.5
	300	98.0	136.0	6.5
4 (100mm)	150	129.5	120.7	6.9
	300	129.5	120.7	7.4
	600	135.6	120.7	8.5
	900	146.7	165.1	14
	1500	155.1	165.1	16
6 (150mm)	150	168.3	136.5	13
	300	168.3	136.5	13
	600	171.9	136.5	15
	900	228.8	206.4	28
	1500	228.8	206.4	37
8 (200mm)	150	226.5	152.4	22
	300	226.5	152.4	25
	600	239.5	215.9	43
	900	252.2	292.1	69
	1500	284.2	292.1	92
10 (250mm)	150	270.6	187.3	43
	300	270.6	187.3	43
	600	289.4	262.0	78
	900	305.7	262.0	90
	1500	346.5	346.1	159
12 (300mm)	150	329.5	215.9	63
	300	329.5	215.9	69
	600	351.8	292.1	117
	900	372.6	317.5	159
	1500	419.2	349.3	234
14 (350mm)	150	380.0	260.4	102
	300	380.0	260.4	113
	600	381.8	355.6	199
	900	381.8	355.6	231
	1500	429.6	355.6	264
16 (400mm)	150	425.3	304.8	146
	300	425.3	304.8	164
	600	441.0	400.1	263
	900	469.5	400.1	315
	1500	493.8	438.2	434

Size mm	Pressure Rating ASME	A mm	B mm	Δ Valve Weight kg
18 (450mm)	150	475.4	330.2	190
	300	475.4	330.2	215
	600	487.5	409.6	306
	900	519.5	447.7	423
20 (500mm)	1500	555.4	457.2	568
	150	526.7	400.1	273
	300	526.7	400.1	213
	600	539.9	495.3	461
24 (600mm)	900	578.0	546.1	637
	1500	621.7	546.1	855
	150	609.6	342.9	361
	300	609.6	419.1	458
28 (700mm)	600	635.4	546.1	722
	900	680.1	603.2	1020
	1500	738.5	660.4	1401
	150	711.2	374.7	435
30 (750mm)	300	727.1	419.1	572
	600	774.3	489.0	910
	900	822.1	584.2	1307
	150	762.0	387.4	596
32 (800mm)	300	768.4	431.8	715
	600	819.2	508.0	1098
	900	868.9	609.6	1568
	150	812.8	368.3	572
36 (900mm)	300	833.0	431.8	792
	600	887.3	533.4	1342
	900	940.2	635.0	1892
	150	914.4	419.1	921
40 (1000mm)	300	914.4	482.6	1118
	600	944.8	552.5	1618
	900	1003.2	660.4	2292
	150	1016.0	469.9	1255
42 (1050mm)	300	1016.0	571.5	1607
	600	1057.8	660.4	2396
	900	1121.8	736.6	3256
	150	1066.8	508.0	1637
48 (1200mm)	300	1066.8	596.9	2013
	600	1109.6	673.1	2739
	900	1175.6	749.0	3767
	150	1219.2	520.7	1922
48 (1200mm)	300	1219.2	622.3	3180
	600	1219.2	698.5	3719
	900	1226.6	775.0	4174

Δ Weights are for valve only and exclude pup or transition pieces. Weight will vary according to corrosion allowance specification.

PIPE SCHEDULE

Customer must state pipe schedule at time of enquiry as this may necessitate transition pieces. The nominal bore of the valve will be determined by the pipe schedule selected by the customer and be in accordance with ASME B16.25