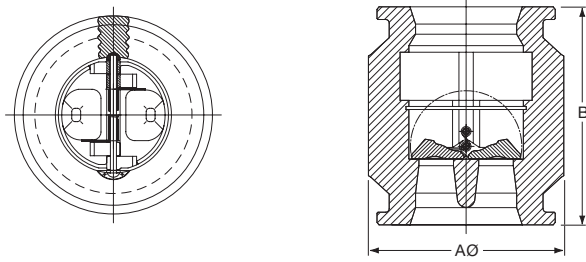


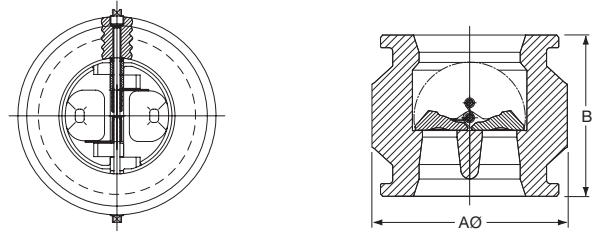
HUB ENDED (Full bore)

INSTALLATION DIMENSIONS

TYPE BHR(F)



TYPE BH(F)



Size mm	Pressure Rating	Seal Ring Size	A Ø mm	B mm	Δ APPROX WEIGHT kg
4 (100mm)	900	34-40	229	279	101
	1500		229	279	101
	2500		229	279	101
6 (150mm)	900	46-62	327	358	230
	1500		327	358	230
	2500		327	358	230
8 (200mm)	900	62-82	409	418	408
	1500		409	418	408
	2500		409	418	408
10 (250mm)	900	84-97	464	485	500
	1500		464	485	500
	2500		464	485	500
12 (300mm)	900	102-112	590	602	573
	1500		590	602	573
	2500		590	602	573
14 (350mm)	900	97-120	590	602	800
	1500		590	602	800
	2500		590	602	800

Size mm	Pressure Rating	Seal Ring Size	A Ø mm	B mm	Δ APPROX WEIGHT kg
2 (50mm)	900	13-20	117	136	14
	1500		117	136	14
	2500		117	136	14
3 (80mm)	900	23-27	162	158	29
	1500		162	158	29
	2500		162	158	29
4 (100mm)	900	31-40	191	220	46
	1500		191	220	46
	2500		191	220	46
6 (150mm)	900	40-62	274	279	135
	1500		274	279	135
	2500		274	279	135
8 (200mm)	900	56-82	368	311	243
	1500		368	311	243
	2500		368	311	243
10 (250mm)	900	72-97	409	381	320
	1500		409	381	320
	2500		409	381	320
12 (300mm)	900	92-112	482	431	440
	1500		482	431	440
	2500		482	431	440
14 (350mm)	900	110-120	511	482	646
	1500		511	482	646
	2500		511	482	646
16 (400mm)	900	112-120	651	628	770
	1500		651	628	770
	2500		651	628	770
16 (400mm)	900	130-137	552	533	770
	1500		552	533	770
	2500		552	533	770
18 (450mm)	900	160	660	584	1245
	1500		660	584	1245

Δ Weights are for valve only. Weight will vary according to corrosion allowance specification.

1. Type BH(F) is supplied with external threaded retainers
2. Reduced Bore Retainerless, Type BHR(R), i.e. no external threaded components, can be supplied (see page 28)
3. Clamps, seal rings and companion hubs are not included with the valve
4. Particular make of Hub Ends, Seal Ring Size and Clamp Style must be specified by customer. Relevant technical information should be obtained from the chosen clamp supplier, e.g. Graylok®, Techlok®, Clamplok®.
5. Dimension B: These are typical only. Due to the large variety of Hub End sizes and Clamp Styles available the face-to-face dimensions for a given size and rating may vary to maintain ANSI and API design specifications. Please contact Goodwin for details prior to using above data as design criteria.
6. Valve sizes not listed above are available on application, together with customer specified end sizes and types. All valves are rated in accordance with ANSI B 16.34, API 594 and API 598 design and application specifications.
7. Internals designed to suit customer's specified hub-ended bore details.