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HYC-Series Y - Ball Check Valve

Applications

- When liquid flows through the valve, the ball is forced into the branch of the valve allowing full fluid flow; when the liquid stops, equalizing the pressure, the ball drops back into the seat, preventing backflow; should reverse flow occur, the differential pressure will cause the ball to seal firmly against the seat preventing leakage

Features

- Two-piece construction
- Replaceable seat
- Can be serviced in field (no special tools required)

Materials

- Ball: PTFE
- Product contact surfaces: 316L stainless steel

Specifications

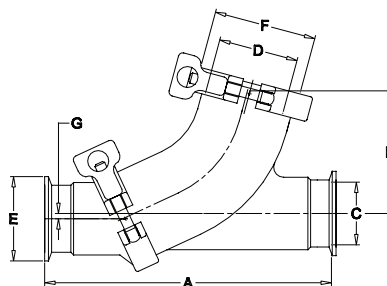
- Operating temperature range: 15°F to 200°F (-9°C to 93°C)
- Maximum operating pressure: 150 PSI

Size	Part #
1-1/2"	HYCEP150CCA
2"	HYCEP200CCA
2-1/2"	HYCEP250CCA
3"	HYCEP300CCA

NOTE: All part numbers include clamp connections, EPDM seat material, PTFE ball, and #7 polish.

For other configurations, contact Dixon Sanitary at 800.789.1718

Dimensions



Valve Size	Clamp & Cap Size	A (in)	B (in)	C (in)	D (in)	E (in)	F (in)	G (in)	Ball Diameter (in)	Weight (lbs)
1-1/2"	2"	7.50	3.30	1.36	1.87	1.98	2.51	.16	1.6	4.9
2"	2-1/2"	8.50	3.90	1.86	2.33	2.51	3.04	.16	2.1	6.6
2-1/2"	3"	10.00	4.50	2.37	2.87	3.04	3.57	.16	2.7	10.5
3"	4"	11.50	5.30	2.87	3.83	3.57	4.68	.16	3.6	17.5

All dimensions are approximate. Engineering dimensions are available upon request.

Specifications are subject to change without notice.

Repair and Seal Kits

Repair kit contains:

- (1) EPDM cap gasket
- (1) PTFE ball
- (1) EPDM/CF8M seat

Seal kit contains:

- (1) EPDM cap gasket
- (1) EPDM/CF8M seat

FKM seal kit contains:

- (1) FKM cap gasket
- (1) FKM /CF8M seat

Size	Repair Kit Part #	Seal Kit Part #	FKM Seal Kit Part #	Replacement Ball Only Part #
1-1/2"	B45BY-RK150	B45BY-SK150	B45BY-SKV150	B45BY-TB150
2"	B45BY-RK200	B45BY-SK200	B45BY-SKV200	B45BY-TB200
2-1/2"	B45BY-RK250	B45BY-SK250	B45BY-SKV250	B45BY-TB250
3"	B45BY-RK300	B45BY-SK300	B45BY-SKV300	B45BY-TB300