



VCBL-P/H PVC/CPVCSXF-P PVC BALL CHECK VALVE TRUE UNION THREAD & SOCKET ENDS

Features

- Schedule 80 Full-Port Design
- Safe-T-Blocked® Seal Carrier
- Uses Standard EPDM or FKM O-ring Seat
- EPDM valves NSF® Certified for Potable Water use
- Fully Serviceable, Replaceable Components
- Suitable for Either Horizontal or Vertical Installations
- Suitable for Vacuum Service
- Assembled with Silicone-Free, Water Soluble Lubricants
- Manufactured to ASTM F 1970
- Also Available in High Purity, Low Extractable PVC material
- Constructed from PVC Type I, ASTM D 1784, Cell Classification 12454 or CPVC Type IV, ASTM D 1784 Cell Classification 23447



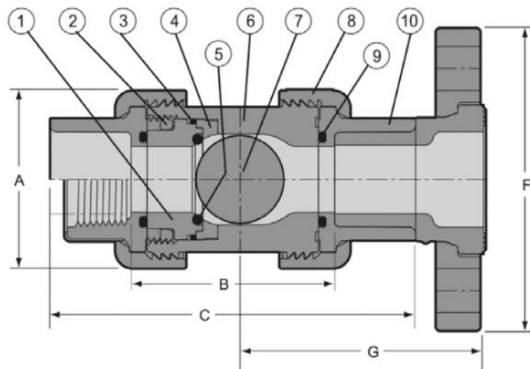
BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL
1	Seal Carrier	PVC/CPVC
2	Seal Carrier Nut	PVC/CPVC
3	Carrier O-ring	EPDM/FKM
4	Seat Plate	PVC/CPVC
5	Seat O-ring	EPDM/FKM
6	Body	PVC/CPVC
7	Ball	PVC/CPVC
8	Union Nut	PVC/CPVC
9	End Connector O-ring	EPDM/FKM
10	End Connector	PVC/CPVC

NON-SHOCK PRESSURE (PSIG) @ TEMPERATURE

SIZE	MATERIAL	100 (F°)	140 (F°)	200 (F°)
1/2-4	PVC	235	50	NA
	CPVC	235	130	50
6-8	PVC	150	50	NA
	CPVC	150	110	50

FLANGED BASE PRESSURE RATED 150 PSIG @ 73 F



DIMENSIONS (in)



SIZE	A								WEIGHT (lb)		Cv			HORIZONTAL CLOSING	
		B		C			F	G	PVC	CPVC	SOC/THD	FLANGE	SPIGOT	FT H2O	GPM
		SOC/THD	SPIGOT	SOCKET	THREAD	SPIGOT									
1/2	1-7/8	2-7/16	2-7/8	4-3/16	3-13/16	4-5/8	3-1/2	3	0.30	0.33	6.3	6	6.3	1.6	0.10
3/4	2-1/4	2-3/4	3-1/4	4-3/4	4-1/4	5-1/4	3-7/8	3-5/16	0.46	0.50	17	16	17	1.6	0.10
1	2-1/2	2-7/8	3-1/2	5-1/8	4-11/16	5-3/4	4-1/4	3-5/8	0.70	0.74	25	24	25	1.6	0.25
1-1/4	3-1/16	3-1/4	3-3/16	5-3/4	5-3/16	6-5/16	4-5/8	4	1.04	1.09	65	61	65	1.6	0.40
1-1/2	3-1/2	3-1/2	4	6-1/4	5-7/16	6-3/4	5	4-3/8	1.37	1.45	86	82	86	1.6	0.75
2	4-4/16	4-25/32	5-3/16	7-3/4	7-27/32	8-1/4	6	5-1/4	2.47	2.62	130	125	130	1	0.75
2-1/2	6-3/16	5-7/8	7-13/16	9-5/16	8-1/2	11-3/8	7-1/2	6	6.80	7.25	200	193	200	1	1.50
3	6-3/16	6-7/8	7-13/16	10-11/16	9-3/4	11-9/16	7-1/2	6-13/16	6.98	7.35	275	268	275	1	4.00
4	7-3/4	7-5/16	8-1/4	11-13/16	10-1/4	12-3/4	9	7-1/2	12.13	12.96	500	489	500	1	5.50
6	11-5/8	11-1/6	13	17-1/16	15-3/4	18-1/2	11-1/4	10-3/16	37.07	39.98	800	794	800	NA	NA
8	11-5/8	23-3/16	NA	31-7/8	NA	NA	13-1/2	17-13/16	50.84	55.92	NA	NA	NA	NA	NA

- NOT FOR DOWNWARD FLOW
- FLOW VELOCITY NOT TO EXCEED 5 FT/SEC
- CRACKING PRESSURE IS LESS THAN 0.5 PSIG
- ALSO AVAILABLE WITH METRIC SOCKET AND BSP THREAD SIZES 1/2 IN THROUGH 2 IN
- SUITABLE FOR OIL FREE AIR HANDLING TO 25 PSIG MAX. NOT FOR COMPRESSED AIR OR OTHER GASES