



FITTINGS, TUBING & VALVES

Supplying Sanitary Distributors who Service
the Beverage, Dairy, Food, Brewery, Bakery,
Cosmetic, and Nutraceutical Industries

Sanitary SPRING CHECK VALVE



www.WaylandIndustries.com

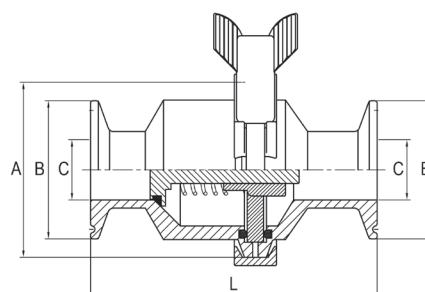
1-888-798-2653



SPRING CHECK VALVES

FEATURES:

- Forged 316L stainless steel
- Low resistance to flow
- Suitable for low and medium viscosity fluids
- Full size flow plate
- Long stem bushing for longer life cycle
- All wetted surfaces are sanitary finished to $\leq 32R_a$
- Operating temperature range:
 - Silicone: -58°F to 428°F
 - FKM: 0°F to 392°F
 - EPDM: -40 F to 302°F
- Maximum operating pressure: 145 PSI
- Seat and O-ring:
 - Silicone (standard), FKM, or EPDM
- 3A certified (58-02) #3773



SPRING CHECK VALVES 45MP



SIZE	A	B	C	L	CRACKING PRESSURE (PSI)*	316L PART NUMBER		
						SILICONE	FKM	EPDM
1/2"	1.99	0.98	0.37	3.50	3.5	W645MP-S-.50	W645MP-V-.50	W645MP-E-.50
3/4"	2.52	0.98	0.62	3.50	1.8	W645MP-S-.75	W645MP-V-.75	W645MP-E-.75
1"	2.52	1.99	0.87	4.13	4.2	W645MP-S-1	W645MP-V-1	W645MP-E-1
1-1/2"	3.05	1.99	1.37	4.56	2.8	W645MP-S-15	W645MP-V-15	W645MP-E-15
2"	3.58	2.52	1.87	5.06	1.3	W645MP-S-2	W645MP-V-2	W645MP-E-2
2-1/2"	4.17	3.05	2.37	5.37	1.3	W645MP-S-25	W645MP-V-25	W645MP-E-25
3"	4.68	3.58	2.87	6.13	0.5	W645MP-S-3	W645MP-V-3	W645MP-E-3
4"	5.69	4.68	3.84	8.13	0.5	W645MP-S-4	W645MP-V-4	W645MP-E-4
6"	8.54	6.57	5.78	10.16	0.6	W645MP-S-6	W645MP-V-6	W645MP-E-6

* Based on vertical application

HOW TO ORDER

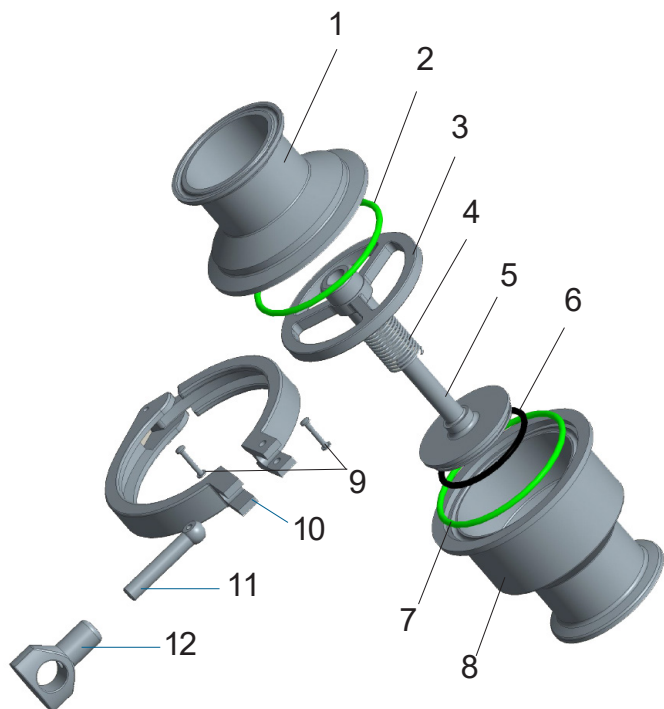
W + Alloy + Product Code - Seat - Size (in.)
 6 = 316L
 45MP = Spring Check Valve
 V = FKM
 S = Silicone
 E = EPDM
 1
 1.5
 2
 2.5
 ...

Example:

W + 6 + 45MP - S - 2
 (W645MP-S-2)



SPRING CHECK VALVES



ITEM	DESCRIPTION	MATERIAL	QNTY
1	Upper valve body	316L	1
2	Body O-ring	Silicone / FKM / EPDM	1
3	Spider Sprocket	316L	1
4	Spring	316L	1
5	Plunger	316L	1
6	Plunger O-ring	Silicone / FKM / EPDM	1
7	Body O-ring	Silicone / FKM / EPDM	1
8	Lower Valve Body	316L	1
9	Pin	304	2
10	Clamp	304	1
11	Bolt	304	1
12	Wingnut	304	1

SPRING CHECK VALVE REPLACEMENT SEATS

SIZE	SILICONE (RED)	FKM (GREEN)	EPDM (BLACK)
1/2"	W45MP-ST-S-.50	W45MP-ST-V-.50	W45MP-ST-E-.50
3/4"	W45MP-ST-S-.75	W45MP-ST-V-.75	W45MP-ST-E-.75
1"	W45MP-ST-S-1	W45MP-ST-V-1	W45MP-ST-E-1
1-1/2"	W45MP-ST-S-15	W45MP-ST-V-15	W45MP-ST-E-15
2"	W45MP-ST-S-2	W45MP-ST-V-2	W45MP-ST-E-2
2-1/2"	W45MP-ST-S-25	W45MP-ST-V-25	W45MP-ST-E-25
3"	W45MP-ST-S-3	W45MP-ST-V-3	W45MP-ST-E-3
4"	W45MP-ST-S-4	W45MP-ST-V-4	W45MP-ST-E-4
6"	W45MP-ST-S-6	W45MP-ST-V-6	W45MP-ST-E-6

- Include (2) Body O-rings and (1) Plunger O-ring