

## CPE GENERAL-PURPOSE CHECK VALVE (400 BAR)

### CPE Stainless Steel Check Valve (1/8"~2")

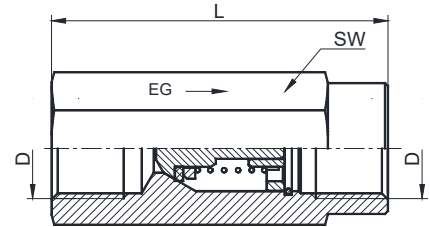
#### Uses

CPE general-purpose check valve: wide range of application, good sealing performance, applicable to various liquids and gases.

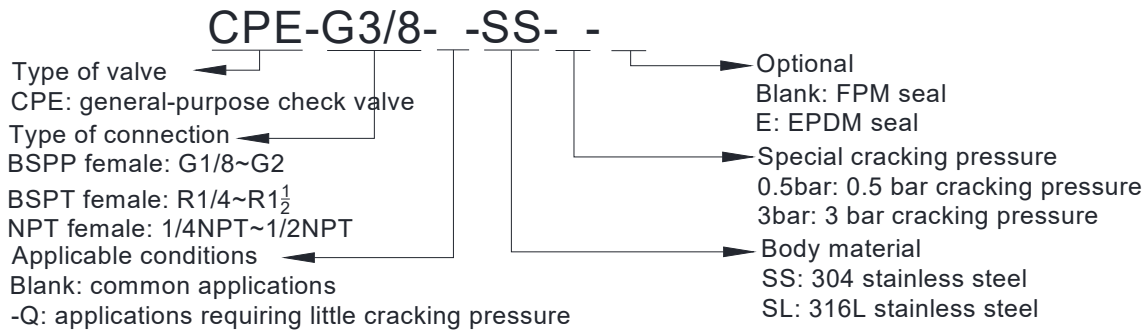
CPE\*-Q check valve: low cracking pressure; applicable to: 1> micro-pressure; 2> vacuum; 3> applications where the check valve vibrates and whistles due to low gas flow.

#### Technical Data

- Max. working pressure: see "Table of Technical Data"
- Cracking pressure: 0.2 bar (standard), 0.5 bar (for oils and other high-viscosity liquids), 3 bar (optional), <0.06 bar (-Q type)
- Tolerance of cracking pressure:  $\pm 25\%$
- Working temperature:  $-25^{\circ}\text{C}\sim+180^{\circ}\text{C}$  (FPM seal),  $-50^{\circ}\text{C}\sim+130^{\circ}\text{C}$  (EPDM seal)
- Body metal material: 304 or 316L stainless steel
- Spring material: 304 or 316 stainless steel
- Rubber material: FPM (standard), EPDM (optional)



#### Ordering Information



**Table of Technical Data [mm]**

Connection Thread	Ordering Number		Female Thread D	DN	L	SW	Working Pressure [bar]
	304	316L					
G Female Tread ISO228-1	CPE-G1/8-SS	---	G1/8	3.8	40	14	400
	CPE-G1/4-SS	CPE-G1/4-SL	G1/4	5.5	50	19	400
	CPE-G3/8-SS	CPE-G3/8-SL	G3/8	7.5	56	22	400
	CPE-G1/2-SS	CPE-G1/2-SL	G1/2	11.0	66	27	350
	CPE-G3/4-SS	CPE-G3/4-SL	G3/4	14.0	78	34	350
	CPE-G1-SS	CPE-G1-SL	G1	19.0	92	41	300
	CPE-G11/4-SS	CPE-G11/4-SL	G11/4	25.0	107	55	250
	CPE-G11/2-SS	CPE-G11/2-SL	G11/2	30.0	114	60	210
Rc Female Thread ISO7-1	CPE-G2-SS	---	G2	42.0	130	75	160
	CPE-R1/4-SS	---	Rc1/4	5.5	47	19	400
	CPE-R3/8-SS	---	Rc3/8	7.5	55	22	400
	CPE-R1/2-SS	---	Rc1/2	11.0	66	27	350
	CPE-R3/4-SS	---	Rc3/4	14.0	78	34	350
	CPE-R1-SS	---	Rc1	19.0	92	41	300
	CPE-R11/4-SS	---	Rc11/4	25.0	107	55	250
NPT Female Thread	CPE-R11/2-SS	---	Rc11/2	30.0	114	60	210
	CPE-1/4NPT-SS	CPE-1/4NPT-SL	1/4NPT	5.5	50	19	400
	CPE-3/8NPT-SS	CPE-3/8NPT-SL	3/8NPT	7.5	56	22	400
	CPE-1/2NPT-SS	CPE-1/2NPT-SL	1/2NPT	11.0	66	27	350