

RD SERIES CHECK VALVE (INLET AND OUTLET CONNECTING STEEL TUBES)

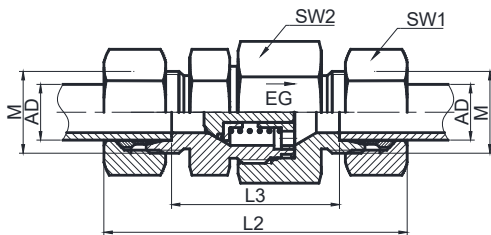
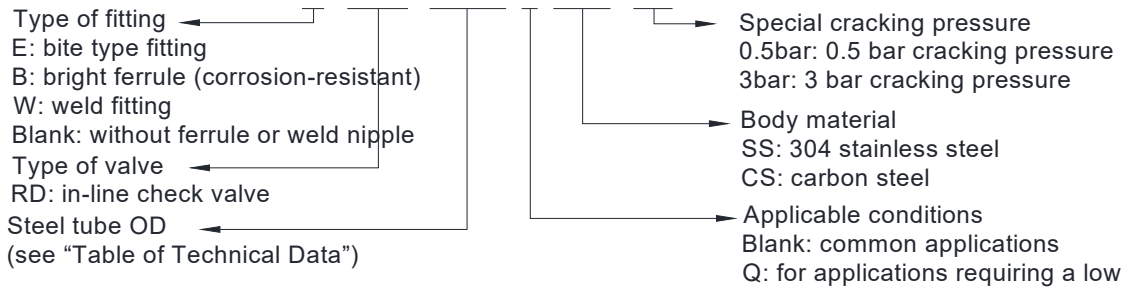
Features

- Type of connection: compression or weld fitting for steel tubes
- Carbon steel valve: NBR, temperature rating: -35°C~+100°C
- Stainless steel valve: FPM, temperature rating: -25°C~+180°C
- Max. working pressure: see "Table of Technical Data"; see P65 for pressure ratings of bright ferrules
- Cracking pressure (tolerance: ±25%): 0.2 bar (standard); 0.5 bar (for oils and other high-viscosity liquids); 3 bar (optional); <0.06 bar (for -Q type)
- RD*-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.

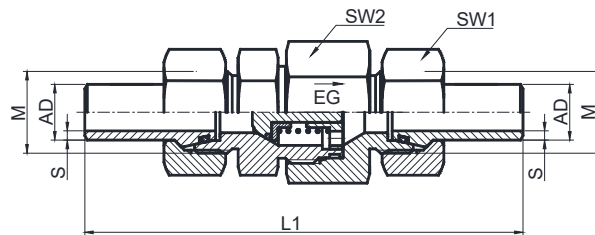


Ordering Information

E-RD-S16- -SS-



Compression End



Weld End

Table of Technical Data [mm]

Series	Compression End		Weld End	Body Ordering Number	Tube Size AD	Nominal Size DN	S	L1	L2	L3	SW1	SW2	M	Pressure [bar]
L	E-	B-	W-	RD-L06-SS	6	4	1.5	90.0	57.0	27.0	14	19	M12*1.5	315
	E-	B-	W-	RD-L08-SS	8	6	1.5	90.0	57.0	27.0	17	22	M14*1.5	315
	E-	B-	W-	RD-L10-SS	10	8	1.5	105.0	68.0	38.0	19	24	M16*1.5	315
	E-	B-	W-	RD-L12-SS	12	8	2.0	105.0	68.0	38.0	22	24	M18*1.5	315
	E-	B-	W-	RD-L15-SS	15	12	2.0	119.0	73.0	43.0	27	32	M22*1.5	315
	E-	B-	W-	RD-L18-SS	18	12	2.5	122.0	76.0	43.0	32	32	M26*1.5	315
	E-	B-	W-	RD-L22-SS	22	16	3.0	137.0	88.0	55.0	36	41	M30*2	250
	E-	B-	W-	RD-L28-SS	28	21	4.0	151.0	95.0	62.0	41	50	M36*2	250
	E-	B-	W-	RD-L35-SS	35	25	4.0	176.5	117.5	74.5	50	60	M45*2	250
	E-	B-	W-	RD-L42-SS	42	30	5.0	178.0	120.0	74.0	60	65	M52*2	250*
	-	-	W-	RD-L48-SS	48	38	5.0	178.0	-	78.0	65	80	M58*2	210
-	-	W-	RD-L60-SS	60	42	6.0	206.0	-	78.0	80	85	M72*2	210	
S	E-	-	W-	RD-S14-SS	14	8	2.0	122.0	78.0	42.0	27	24	M22*1.5	350
	E-	-	W-	RD-S16-SS	16	12	2.5	126.0	82.0	45.0	30	32	M24*1.5	350
	E-	-	W-	RD-S20-SS	20	12	3.0	140.0	89.0	45.0	36	32	M30*2	315
	E-	-	W-	RD-S25-SS	25	16	4.0	161.0	102.0	54.0	46	41	M36*2	315
	E-	-	W-	RD-S30-SS	30	21	4.0	174.0	117.0	62.0	50	50	M42*2	250
	E-	-	W-	RD-S38-SS	38	25	5.0	197.0	137.5	72.5	60	60	M52*2	250*

* Large check valves with weld ends have a higher pressure rating than those with compression ends; concerning compression end check valves, the pressure rating is 160 bar for L42 and 210 bar for S38.