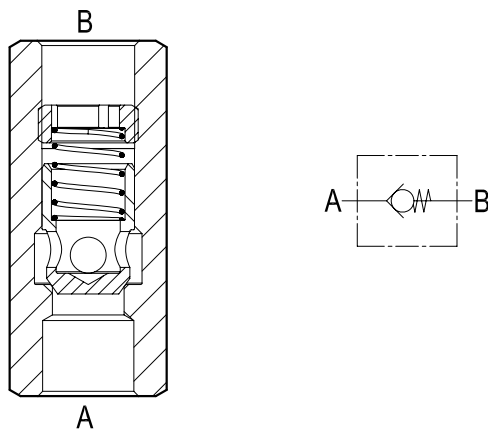


Check valves

Poppet type with female threaded sleeve

CA Series



Description

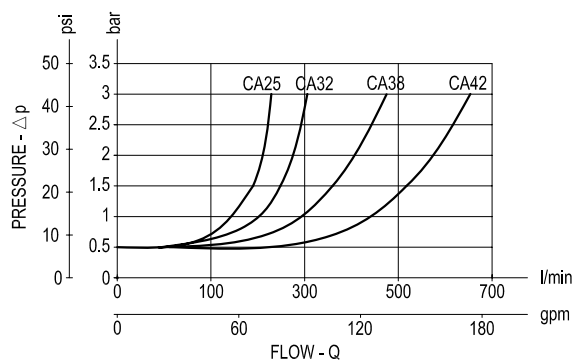
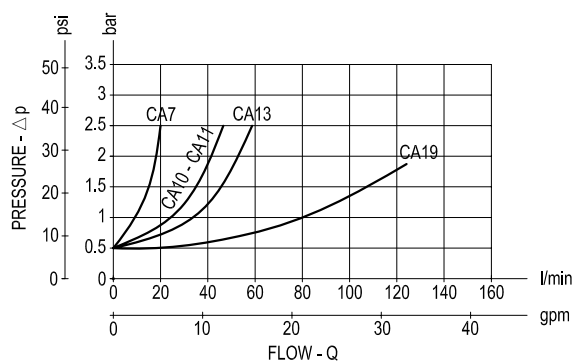
Flow is always allowed to pass from A to B when pressure at A rises above the spring bias pressure and the poppet is pushed from the seat. The valve is normally closed (checked) from B to A.

Technical data

Code	Pressure P max bar (psi)	Flow Q max l/min (gpm)	Weight kg (lbs)
CA 7	350 (5000)	25 (7)	0.11 (0.24)
CA 10	350 (5000)	50 (13)	0.19 (0.42)
CA 11	350 (5000)	50 (13)	0.19 (0.42)
CA 13	350 (5000)	80 (21)	0.25 (0.55)
CA 19	250 (3600)	100 (26)	0.52 (1.15)
CA 25	250 (3600)	160 (42)	1.04 (2.29)
CA 32	250 (3600)	300 (79)	1.67 (3.68)
CA 38	250 (3600)	450 (119)	2 (4.4)
CA 42	250 (3600)	700 (185)	3.6 (7.9)

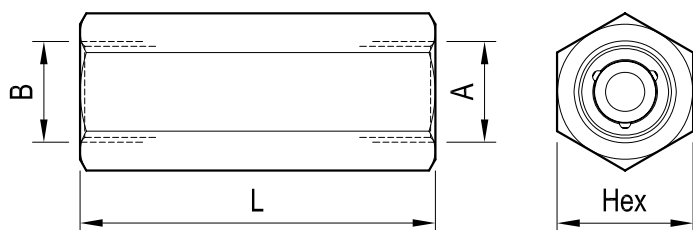
Steel body, zinc plated

Performance



NOTE: the valve is available also with a choice of special cracking pressures, as shown by the relevant table: when ordering NON-Standard cracking pressure, please specify the desired cracking pressure expressed in "bar" value in the code position (**). Without such specification, the valve will be supplied with standard cracking pressure = 0.5 bar.

Dimensions



Advantages

- Very compact design and inline mounting for space saving.
- Nine sizes provide great adaptability to the system.
- Mounting position is unrestricted.
- Very low Δp in the free flow direction.
- Different values of cracking pressure are available for A-B flow (see the relevant table).

Ports size / Dimensions

Code	Ports size A-B	Hex mm (inches)	L mm (inches)
CA 7	G 1/4	19 (0.75)	62 (2.44)
CA 10	G 3/8	24 (0.95)	70 (2.76)
CA 11	M 18x1.5	24 (0.95)	71 (2.80)
CA 13	G 1/2	27 (1.06)	79 (3.11)
CA 19	G 3/4	36 (1.42)	94 (3.70)
CA 25	G 1	46 (1.81)	114 (4.49)
CA 32	G 1-1/4	55 (2.17)	138 (5.43)
CA 38	G 1-1/2	60 (2.36)	148 (5.83)
CA 42	G 2	75 (2.95)	168 (6.61)

Ordering code

CA		/	**
----	--	---	----

= Cracking pressure (only bar value see table below)

		CA 7	CA 10	CA 11	CA 13	CA 19	CA 25	CA 32	CA 38	CA 42
Cracking pressure bar (psi)	series 7 = 7	2 (29)	2 (29)	4 (58)	2 (29)	2 (29)	2 (29)	2 (29)	2 (29)	2 (29)
	series 10 = 10	4 (58)	4 (58)		4 (58)	4 (58)	4 (58)	4 (58)	4 (58)	4 (58)
	series 11 = 11	5 (72.5)	5 (72.5)		5 (72.5)	5 (72.5)	5 (72.5)	5 (72.5)	5 (72.5)	8 (116)
	series 13 = 13	8 (116)	8 (116)		8 (116)	8 (116)	8 (116)	8 (116)	8 (116)	
	series 19 = 19		15 (217.5)		10 (145)	10 (145)	10 (145)			
	series 25 = 25				15 (217.5)	15 (217.5)				
	series 32 = 32									
	series 38 = 38									
	series 42 = 42									

Do not specify for the standard cracking pressure 0.5 bar (7.25 psi)

Type	Material number
CA7	R932500066
CA7/2	R932500067
CA7/4	R932500070
CA7/5	R932500071
CA7/8	R932500072
CA10	R932500074
CA10/2	R932500077
CA10/4	R932500080
CA10/5	R932500081
CA10/8	R932500083
CA10/15	R932500076
CA11	R932500085
CA11/4	R932006965
CA13	R932500086
CA13/2	R932500089
CA13/4	R932500092

Type	Material number
CA13/5	R932500093
CA13/8	R932500094
CA13/10	R932500088
CA13/15	R932006923
CA19	R932500096
CA19/2	R932500102
CA19/4	R932500105
CA19/5	R932500106
CA19/8	R932500109
CA19/10	R932500100
CA19/15	R932500101
CA25	R932500114
CA25/2	R932500119
CA25/4	R932500122
CA25/5	R932500124
CA25/8	R932500125

Type	Material number
CA25/10	R932500118
CA32	R932500129
CA32/2	R932500132
CA32/4	R932500135
CA32/5	R932500136
CA32/8	R932500137
CA38	R932500138
CA38/2	R932500141
CA38/4	R932500143
CA38/5	R932500144
CA38/8	R932500145
CA42	R932500146
CA42/2	R932500147
CA42/4	R932500148
CA42/8	R932500149