Check valves

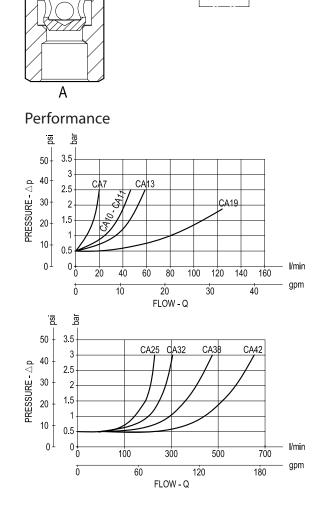
В

Poppet type with female threaded sleeve

А

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Æ



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 I/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)		

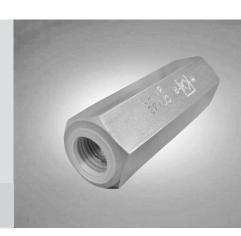
Steel body, zinc plated

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.

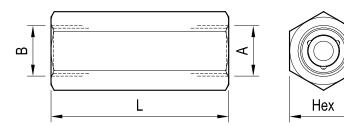
rexroth A Bosch Company

RE 18316-35/10.09

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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).

Ordering code

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)		

	CA		/	**										
				= (Crac	king press	ure (only b	ar value se	ee table be	low)				
series 7	= 7					CA 7	CA 10	CA 11	CA 13	CA 19	CA 25	CA 32	CA 38	CA 42
series 10	= 10			_					1				 	
series 11	= 11					2 (29)	2 (29)	4 (58)	2 (29)	2 (29)	2 (29)	2 (29)	2 (29)	2 (29)
				:	(isi	4 (58)	4 (58)		4 (58)	4 (58)	4 (58)	4 (58)	4 (58)	4 (58)
series 13	= 13			· ·	r p	5 (72.5)	5 (72.5)		5 (72.5)	5 (72.5)	5 (72.5)	5 (72.5)	5 (72.5)	8 (116)
series 19	= 19			.	e ba	8 (116)	8 (116)		8 (116)	8 (116)	8 (116)	8 (116)	8 (116)	
series 25	= 25				ssur		15 (217.5)		10 (145)	10 (145)	10 (145)	- ()	- ()	
series 32	= 32				l pre					15 (217.5)				
series 38	= 38				Cracking pressure bar (psi)									
series 42	= 42				Crac									
L]	1												
						Deneter	ecify for th	o otovo dov	 		[hay (7.2)	[

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

Type	Material number	Type	Material number	Туре	Material number
CA7	R932500066	CA13/5	R932500093	CA25/10	R932500118
CA7/2	R932500067	CA13/8	R932500094	CA32	R932500129
CA7/4	R932500070	CA13/10	R932500088	CA32/2	R932500132
CA7/5	R932500071	CA13/15	R932006923	CA32/4	R932500135
CA7/8	R932500072	CA19	R932500096	CA32/5	R932500136
CA10	R932500074	CA19/2	R932500102	CA32/8	R932500137
CA10/2	R932500077	CA19/4	R932500105	CA38	R932500138
CA10/4	R932500080	CA19/5	R932500106	CA38/2	R932500141
CA10/5	R932500081	CA19/8	R932500109	CA38/4	R932500143
CA10/8	R932500083	CA19/10	R932500100	CA38/5	R932500144
CA10/15	R932500076	CA19/15	R932500101	CA38/8	R932500145
CA11	R932500085	CA25	R932500114	CA42	R932500146
CA11/4	R932006965	CA25/2	R932500119	CA42/2	R932500147
CA13	R932500086	CA25/4	R932500122	CA42/4	R932500148
CA13/2	R932500089	CA25/5	R932500124	CA42/8	R932500149
CA13/4	R932500092	CA25/8	R932500125	_	

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Subject to change.