

RE 18318-93/05.10 1/2 Replaces: RE 18318-93/09.09

Check, poppet type

Common cavity, Size 20

VUCN-20A





Description

When pressure at 1 rises above the spring bias pressure, the poppet is lifted and flow allowed from 1 to 2. The valve is closed (checked) from 2 to 1. Precision machining and hardening processes allow virtually leak-free performance in the checked condition.

Performance



Technical data

Max. operating press	sure bar (psi)	350 (5000)		
Max. flow	l/min. (gpm)	360 (95)		
Max. internal leakage	drops/min.	5		
Fluid temperature range °C (°F)		-30 to 100 (-22 to 212)		
Installation torque	Nm (ft-lbs)	128-149 (95-110)		
Weight	kg (lbs)	0.38 (0.84)		
Cavity		CA-20A-2N see data sheet RE 18325-70		
Geal kit (*) code material no.		RG20A2010520100 R930005602		
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 5 to 800 mm ² /s (cSt)		
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14		
Installation		No restrictions		
Other Technical Da	ta	See data sheet RE 18350-50		

(*) Only external seals for 10 valves

Dimensions



Ordering code

]	04.31.32.00	58	Z	0	00 *
Check, poppet type				-	Series 0/A to L unchanged performances and dimensions Version and options standard
					SPRINGS
Common cavity, Size 20					Cracking pressure bar (psi)
			:	= 00	0 0.35 (5)
			-	= 03	3 3.5 (51)
			:	= 07	7 7 (102)
				= 12	2 12 (174)

Туре	Material number	Туре	Material number
043132005800000	R901109780		
043132005803000	R901109781		
043132005807000	R901109783		
043132005812000	R930000319		

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 cartridges@oilcontrol.com www.boschrexroth.com © This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent.

The data specified above only serve to describe the product. No statements concerning a certain condition or suitability for a certain application can be derived from our information. The information given does not release the user from the obligation of own judgment and verification. It must be remembered that our products are subject to a natural process of wear and aging.

Subject to change.