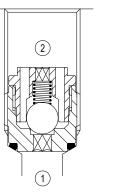


RE 18329-60/10.10

Insert type Check, ball type

VUL1

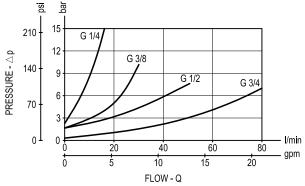


Description

0T.U4.01.00 - Y - Z

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 allow virtually leak-free performance in the checked condition. These valves have to be mounted as indicated.

Performance

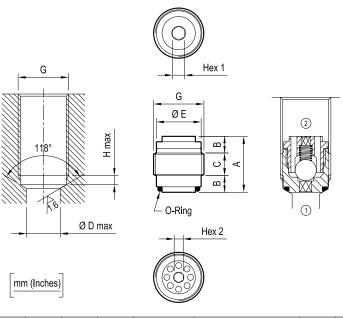


Technical data

	Max. operating pressu	ure bar (psi)	210 (3000)				
	Max. flow	l/min. (gpm)	see "performance" graph				
	Max. internal leakage	drops/min.	5				
	Fluid temperature ran	nge °C (°F)	-30 to 100 (-22 to 212)				
	Installation torque	Nm (ft-lbs)	see "Dimensions" table				
	Weight	kg (lbs)	see "Dimensions" table				
in	Special cavity		see "Dimensions"				
n	Seal kit (*)	code material no.	see "Dimensions" table				
	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				
	Other Technical Data	a	See data sheet RE 18350-50				

(*) Only external seals for 10 valves

Dimensions



G	А	В	С	D	E	Hex 1	Hex 2	O-Ring dimensions	Seal kit	Н	Weight kg (lbs)	Inst. torque Nm (ft-lbs)	Flow max. I/min. (gpm)
G 1/4	17 (0.67)	5.5 (0.21)	6 (0.24)	7 (0.28)	11.3 (0.44)	3 (0.12)	3 (0.12)	Ø 9x1 (0.35x0.04)	RG09UL010000100 R931002474	3 (0.12)	0.02 (0.04)	6 (4)	15 (4)
G 3/8	18.5 (0.73)	5.5 (0.21)	7.5 (0.3)	9 (0.35)	14.8 (0.58)	4 (0.16)	3 (0.12)	Ø 10.8x1.78 (0.43x0.07)	RG02UL010000100 R931002475	3 (0.12)	0.03 (0.06)	6 (4)	30 (8)
G 1/2	22.5 (0.89)	6.5 (0.26)	9.5	12	18.5	6	5		RG03UL010000100	4 (0.16)	0.04 (0.08)	10 (7)	50 (13)
G 3/4	28.5 (1.12)	7 (0.28)	14.5 (0.57)	17 (0.67)	24.1 (0.95)	8 (0.3)	8 (0.3)	Ø 18.7x2.6 (0.74x0.1)	RG04UL010000100 R931002477	5 (0.2)	0.07 (2.2)	20 (15)	80 (21)

Ordering code

<u>- 05 G 1/4</u> 00 2.3 1.75 1.75 0.3	0									
Insert type - Check, ball type unchanged performances and dimensions Port sizes 09 G 1/4 G 3/8 G 1/2 G 3/8 G 1/2 G 3/4 CRACKING PRESSURE bar (psi) G 1/4 G 3/8 G 1/2 G 3/8 G 1/2 G 3/4 G 3/4 Curve Material number Type Material number<!--</th--><th></th><th>0T.U4.01.00</th><th>Y</th><th>Z</th><th><u>,</u></th><th>*</th><th></th><th></th><th></th><th></th>		0T.U4.01.00	Y	Z	<u>,</u>	*				
= 09 G 1/4 G 3/8 G 1/2 G 3/ = 02 G 3/8 00 2.3 1.75 1.75 0.3 = 03 G 1/2 00 (33.4) (25.4) (25.4) (4.4 = 04 G 3/4 Type Material number Type Material number 0TU401000900000 R931002417 Type Material number Type 0TU401000300000 R931002418 0TU401000400000 R931002419 Type 0TU401000400000 R931002420 Example 10 the data start of the d	Insert type - Check, bal	l type							es and dime	nsions
- 09 G 1/4 00 2.3 1.75 1.75 0.3 = 02 G 3/8 00 (33.4) (25.4) (25.4) (4.4 = 03 G 1/2 04 G 3/4 = 04 G 3/4 Type Material number 0TU401000900000 R931002417 0TU401000300000 R931002418 0TU4010000300000 R931002419 0TU401000400000 R931002420 Bosch Rexroth Oil Control S.p.A. © This document, as well as the data, specifications and ot	Port sizes						CRA	CKING PRES	SSURE bar	(psi)
= 02 G 3/8 00 2.3 (33.4) 1.75 (25.4) 0.3 (4.4 = 03 G 1/2 = 04 G 3/4 (4.4 Type Material number Type Material number 0TU401000900000 R931002417 R931002418 0 0TU401000300000 R931002419 0 0 0TU401000400000 R931002420 0 0 Bosch Rexroth Oil Control S.p.A. © This document, as well as the data, specifications and ot	= 09 G 1/4						G 1/4	G 3/8	G 1/2	G 3/4
= 04 G 3/4 Type Material number 0TU401000900000 R931002417 0TU401000200000 R931002418 0TU401000300000 R931002419 0TU401000400000 R931002420					00					0.3 (4.4)
Type Material number Type Material number 0TU401000900000 R931002417	= 03 G 1/2									
0TU401000900000 R931002417 0TU401000200000 R931002418 0TU401000300000 R931002419 0TU401000400000 R931002420	= 04 G 3/4									
0TU401000200000 R931002418 0TU401000300000 R931002419 0TU401000400000 R931002420 Bosch Rexroth Oil Control S.p.A. © This document, as well as the data, specifications and ot	Туре	Material number			Ту	/pe			Material n	umber
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Bosch Rexroth Oil Control S.p.A. © This document, as well as the data, specifications and ot	0TU401000300000	R931002419								
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	Bosch Rexroth Oil Control S.	p.A.			©T					ns and oth

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	CRACKING PRESSURE bar (psi)									
	G 1/4	G 3/8	G 1/2	G 3/4						
00	2.3 (33.4)	1.75 (25.4)	1.75 (25.4)	0.3 (4.4)						

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Subject to change.