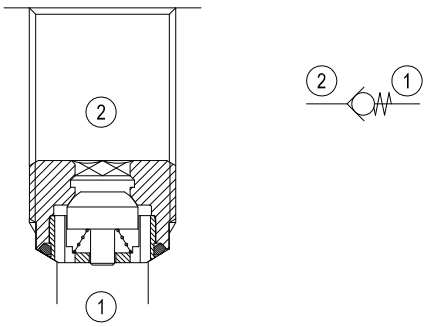
RE 18329-65/10.10
Replaces: RE 18329-65/02.10

Insert type
Check, poppet type

VUB1 0T.U3.01.00 - Y - Z

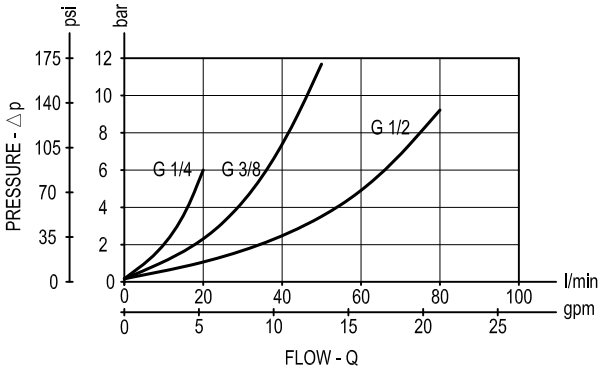


Description

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

Note: UNF and Metric versions available on request. Consult factory.

Performance

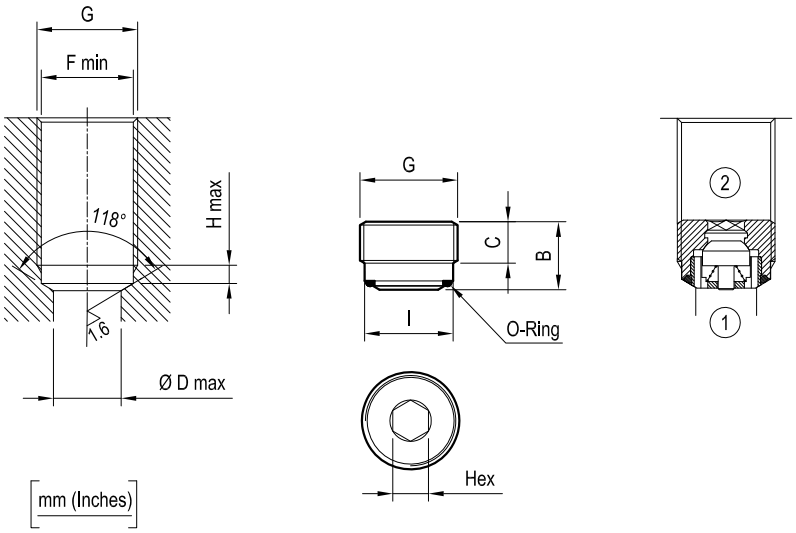


Technical data

Max. operating pressure	bar (psi)	350 (5000)
Max. flow	l/min. (gpm)	see “performance” graph
Max. internal leakage	drops/min.	5
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	see “Dimensions” table
Weight	kg (lbs)	see “Dimensions” table
Special cavity		see “Dimensions”
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		See data sheet RE 18350-50

(*) Only external seals for 10 valves

Dimensions



G	B	C	Hex.	D	I	F	O-Ring dimensions	O-Ring codes	H	Weight kg (lbs)	Inst. torque Nm (ft-lbs)	Flow max. l/min. (gpm)
G 1/4	10 (0.39)	6 (0.24)	6 (0.24)	7 (0.28)	11.5 (0.45)	11.6 (0.46)	Ø 9 x 1 (0.35x0.04)	RG09UB010000100 R931002410	3 (0.12)	0.005 (0.011)	15 (11)	20 (5)
G 3/8	11.5 (0.45)	7 (0.28)	6 (0.24))	9 (0.35)	14.95 (0.59)	15.1 (0.6)	Ø 11x1.5 (0.43x0.06)	RG02UB010000100 R931002408	3 (0.12)	0.015 (0.033)	20 (15)	50 (13)
G 1/2	13.5 (0.53)	8 (0.32)	8 (0.32)	12 (0.47)	18.7 (0.74)	18.8 (0.74)	Ø 14x1.5 (0.55x0.06)	RG03UB020000100 R931002409	3 (0.12)	0.020 (0.044)	20 (15)	80 (21)

Ordering code

0T.U3.01.00	Y	Z	*

Insert type - Check, poppet type

Series 0/A to L
unchanged performances and dimensions

Port sizes

= 09 G 1/4

= 02 G 3/8

= 03 G 1/2

	SPRINGS
	Cracking pressure bar (psi)
= 00	< 0.5 (7)

Type	Material number
0TU301000200000	R901106625
0TU301000300000	R901106626
0TU301000900000	R901071238

Type	Material number

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