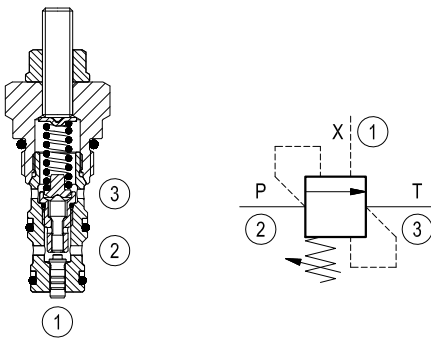


Priority unloading pilot operated

Common cavity, Size 08

VMSN-08A

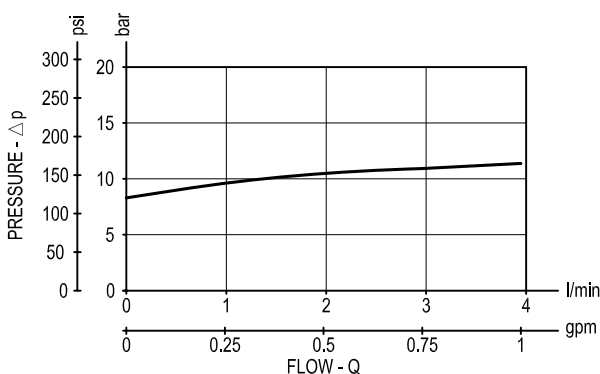
04.75.21 - X - 56 - Z



Description

Flow is blocked from 2 to 3 until pressure increases to meet the selected valve setting, lifting the small, pilot-stage poppet from its seat. This action exhausts oil above the main-stage piston (spool type), allowing it to shift fully and unload flow from 2 through 3 with minimal pressure drop. Similarly, when remote pilot pressure at 1 exceeds the pressure setting, a secondary piston lifts the pilot-stage poppet from its seat, again exhausting fluid from 2 through 3.

Performance



Technical data

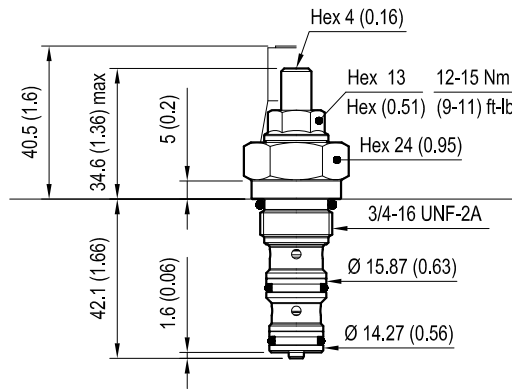
Max. operating pressure port 1-2	bar (psi)	350 (5000)
Max. pressure admitted port 3	bar (psi)	50 (750)
Max. flow	l/min. (gpm)	3 (1)
Max. internal leakage (*)	drops/min.	15
Fluid temperature range	°C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	34-41 (25-30)
Weight	kg (lbs)	0.14 (0.31)
Cavity		CA-08A-3N see data sheet RE 18325-70
Seal kit (**)	code material no.	RG08A3010520100 R930000861
Fluids		Mineral-based or synthetics with lubricating properties at viscosities of 10 to 500 mm ² /s (cSt)
Filtration		Nominal value max. 10µm (NAS 8) ISO 4406 19/17/14
Installation		No restrictions
Other general technical data		See data sheet RE 18350-50

(*) at 80% of pressure setting

(**) Only external seals for 10 valves

Dimensions

OPTION
 Tamper resistant cap
 ordering code 11.04.23.002
 Mat. no. R930000752



mm (Inches)

Ordering code

04.75.21	X	56	Z	00	*
----------	---	----	---	----	---

Priority unloading pilot operated

Differential unload / reload

= 06 Re-seat at (66 ± 2.5) % of pressure setting

Version with re-seat at (57±2.5)% of pressure setting available by request, please consult factory.

Common cavity, Size 08

Series 0/A to L
 unchanged performances and dimensions

Version and options standard

	SPRINGS	
	Adj. press. range bar (psi)	Std. setting bar (psi) Q= 1 l/min
= 03	20-40 (290-580)	30 (435)
= 05	35-70 (500-1000)	50 (725)
= 10	70-140 (1000-2000)	100 (1450)
= 20	105-210 (1500-3000)	200 (2900)
= 35	175-350 (2500-5000)	350 (5000)

Note: Special settings available. Contact factory authorized representative for ordering code

Type	Material number
047521065603000	R901109763
047521065605000	R901109764
047521065610000	R901109765
047521065620000	R901109766
047521065635000	R901109767

Type	Material number