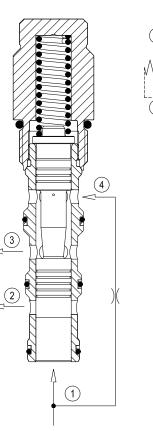


RE 18321-81/01.10 1/2 Replaces: RE 00162-02/01.06

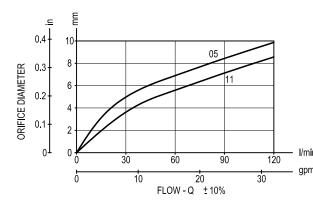
Logic element, pressure compensator combination type

Common cavity, Size 12

VCSQ-12A



Performance



Description

04.84.06 - X - 57 - Z

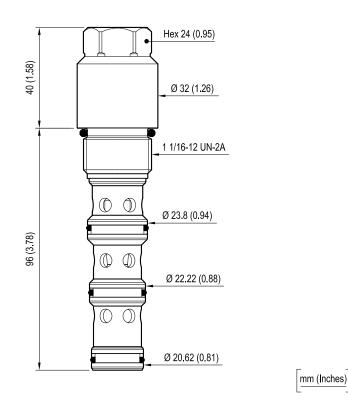
Flow is normally allowed from 4 to 3. When pilot pressure at 1 rises above the combined pressure of the spring bias, plus pressure at 4, the valve shifts to block flow between 3 and 4, while diverting flow from 1 to 2. A constant pressure drop is maintained across a fixed (or variable) orifice upstream of 4 when installed and piloted per the diagram above. In this case, flow priority is given to 3, with flow in excess of the orifice differential requirement being by-passed to 2.

Technical data

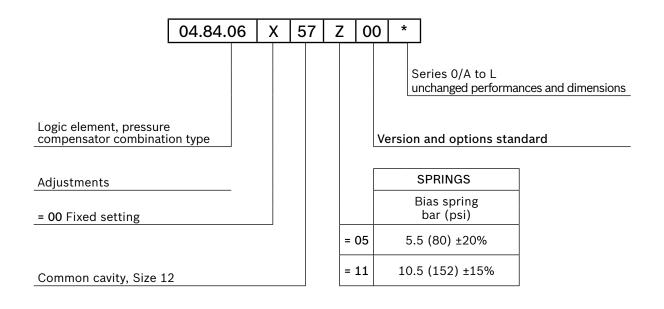
Max. operating press	sure bar (psi)	350 (5000)	
Max. intel flow	l/min. (gpm)	120 (32)	
Max. priority flow	l/min. (gpm)	80 (21)	
Flow maintenance		±10%	
Fluid temperature ra	nge °C (°F)	-30 to 100 (-22 to 212)	
Installation torque Nm (ft-lbs)		81-95 (60-70)	
Weight kg (lbs)		0.3 (0.66)	
Covity		CA-12A-4N	
Cavity		see data sheet RE 18325-70	
Seal kit (*)	code	RG12A4010530100	
	material no.	R930001660	
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 Technical Data		See data sheet RE 18350-50	
(*) Only external co	ale for 10 value		

(*) Only external seals for 10 valves

Dimensions



Ordering code



Туре	Material number	Туре	Material number	
048406005705000	R901109889			
048406005711000	R930001073			
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41015 Nonantola – Modena, Ita Tel. +39 059 887 611	ly	without its consent.		
		•	e only serve to describe the product. No a certain condition or suitability for a certain	
Fax +39 059 547 848 cartridges@oilcontrol.com		application can be derived from our information. The information gi	ed from our information. The information given	
www.boschrexroth.com			r from the obligation of own judgment and emembered that our products are subject to a	

natural process of wear and aging. Subject to change.