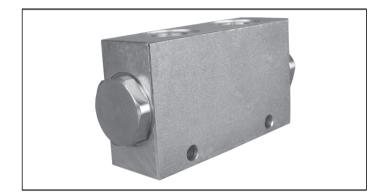


Flow divider, combiner

A-DRF



Description

This valve gives division of input flow from V to C1-C2, and re-combines flows in reverse direction from C1-C2 to V. The ratio between the flows through C1 and through C2 is maintained constant (typically 50% / 50%) over a wide range of pressure variations and of pressure imbalance in order to synchronize the motion of 2 actuators in both forward and reverse directions. In flow division mode, should either C1 or C2 be blocked, approximately 1÷2% of the available flow can be forced through the port still open.

OM.E1.21.90.02 - Z

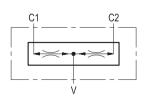
RE 18309-59 Edition: 03.2016

Replaces: 04.2010

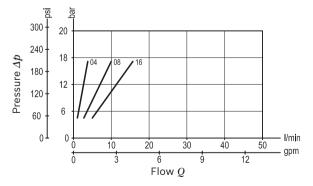
Technical data

Max. operating pressure	350 bar (5000 psi)	
Flow division ratio: 50% - 50%		
the difference from theoretical va	is lowest in the top portion of the	
Weight	1.1 kg (2.4 lbs)	
Manifold material	Zinc plated steel	
Fluid	Mineral oil (HL, HLP) according DIN 51524	
Fluid temperature range	-30 °C to 100 (-22 to 212 °F)	
Viscosity range	5 to 800 mm ² /s (cSt)	
Recommended degree of fluid contamination	Class 19/17/14 according to ISO 4406	
Other technical data	see data sheet 18350-50	

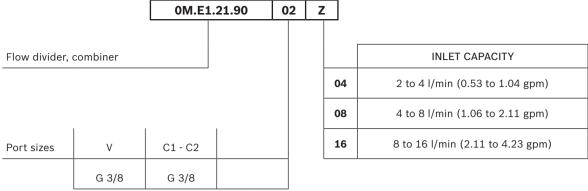
Note: for applications outside these parameters, please consult us.



Characteristic curve



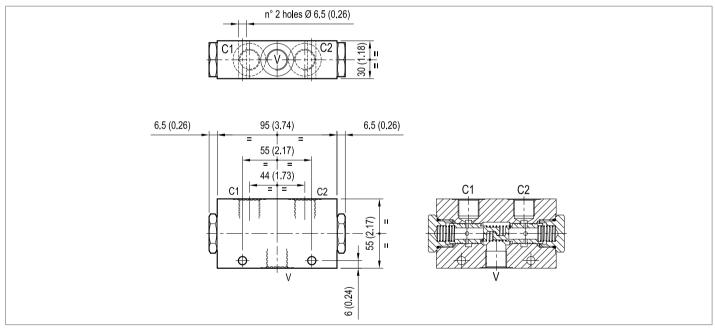
Ordering code



Preferred types

Туре	Material number	Туре	Material number
0ME12190020400C	R930056612		
0ME12190020800C	R930056614		
0ME12190021600C	R930056615		

Dimensions



Bosch Rexroth Oil Control S.p.A.

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