

1/2

RE 18321-22/09.09

Replaces: RE 00162-02/01.06

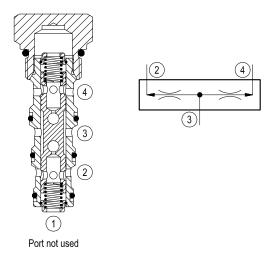
Flow divider

Common cavity, Size 10

DSDN-10A

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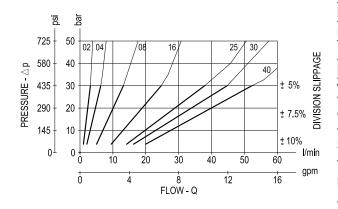




Description

Input flow at 3 will be divided and output equally to 2 and 4 independent of system pressures. Should either 2 or 4 become blocked in flow division mode, approximately 5% of the input flow will be transmitted to the open port. Flow combining is not permitted.

Performance



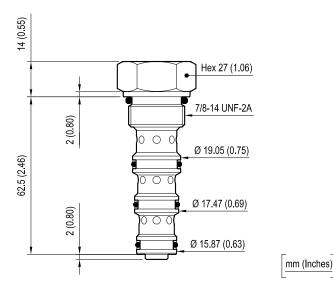
Technical data

Pressure min-max	bar (psi)	10-350 (145-5000)
Flow range	l/min. (gpm)	See "Range of total flow" table
Fluid temperature ra	nge °C (°F)	-30 to 100 (-22 to 212)
Installation torque	Nm (ft-lbs)	41-47 (30-35)
Division ratio		50% - 50%
Weight	kg (lbs)	0.28 (0.62)
Cavity		CA-10A-4N
		see data sheet RE 18325-70
Seal kit (*)	code	RG10A4010520100
	material no.	R901111371
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

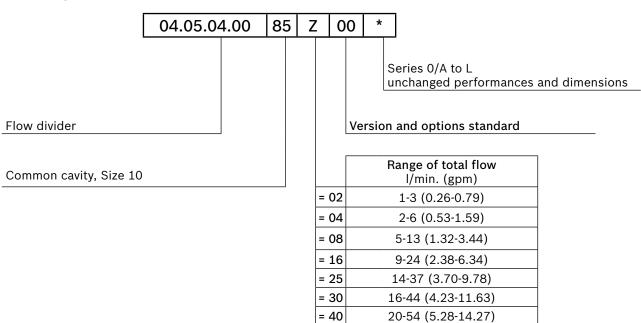
(*) Only external seals for 10 valves

Slippage (tolerance) from theoretical divided flows: $\pm 5\%$ to $\pm 10\%$, depending from inlet flow (see diagram). N.B. Slippage is lowest toward upper limit of nominal range.

Dimensions



Ordering code



Туре		Material number
0405040085020	00	R901109840
0405040085040	00	R901109841
0405040085080	00	R901109843
0405040085160	00	R901109844
0405040085250	00	R901109845

Туре	Material number
040504008530000	R901109846
040504008540000	R901109849

Bosch Rexroth Oil Control S.p.A. Via Leonardo da Vinci 5 P.O. Box no. 5 41015 Nonantola – Modena, Italy Tel. +39 059 887 611 Fax +39 059 547 848 cartridges@oilcontrol.com www.boschrexroth.com © This document, as well as the data, specifications and other information set forth in it, are the exclusive property of Bosch Rexroth Oil Control S.p.a.. It may not be reproduced or given to third parties without its consent.

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Subject to change.