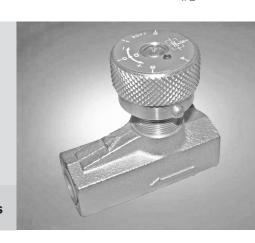
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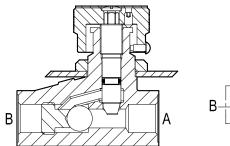
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Flow control valves

# Adjustable bidirectional flow restrictors



**RDF Series** 





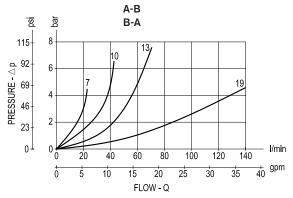
## **Description**

This valve provides a fully adjustable orifice restriction. Even though the Performance curves shown in the tables refer to the A-B flow direction, the valve is actually bi-directional and the performance curves can be assumed almost accurate also for the reverse flow direction B-A.

Pressure compensation is not provided and flow depends from pressure drop and oil viscosity.

This RDF flow restrictor can be line mounted or panel mounted and the hand-knob can be locked after adjustment.

#### **Performance**



Throttle fully open

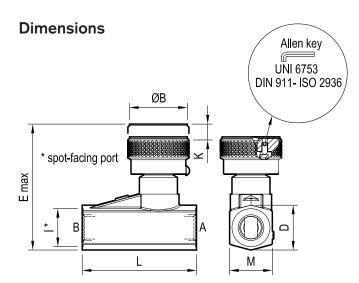
### Technical data

Code	Pressure P max bar (psi)	Flow <b>Q</b> max I/min (gpm)	Weight kg (lbs)	
RDF 7	350 (5000)	25 (7)	0.28 (0.62)	
RDF 10	350 (500)	45 (12)	0.48 (1.06)	
RDF 13	350 (5000)	70 (19)	0.85 (1.87)	
RDF 19	350 (5000)	140 (37)	1.58 (3.48)	

Cast iron, zinc plated with aluminium hand knob

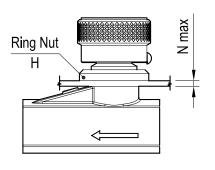
#### **Advantages**

- -Compact design.
- -Panel mounting.
- -Four sizes provide great adaptability to the system.
- -Fine adjustment.
- -Mounting position is unrestricted.



#### Ports size / Dimensions

	Ports	<b> </b> *	L	ØВ	E max	D	М
Code	size	mm	mm	mm	mm	mm	mm
	A-B	(inches)	(inches)	(inches)	(inches)	(inches)	(inches)
RDF 7	G 1/4	21 (0.83)	64 (2.52)	33 (1.30)	63.5 (2.5)	24 (0.95)	24 (0.95)
RDF 10	G 3/8	25 (0.98)	75 (2.95)	40 (1.58)	73 (2.87)	30 (1.18)	28 (1.10)
RDF 13	G 1/2	29 (1.14)	92 (3.62)	45 (1.77)	93 (3.66)	36 (1.42)	35 (1.38)
RDF 19	G 3/4	36.5 (1.44)	115 (3.62)	53 (2.09)	120 (4.72)	43 (1.69)	43 (1.69)

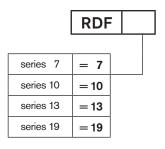


Code	N max mm (inches)	Н
RDF 7	5.5 (0.22)	M20 x 1
RDF 10	5.5 (0.22)	M25 x 1.5
RDF 13	7.5 (0.30)	M30 x 1.5
RDF 19	7.5 (0.30)	M35 x 1.5

### **Applications**

The RDF Series valve is a fully and easily adjustable non-compensated flow control which can be employed many applications where a noncompensated bidirectional flow control is desired.

#### Ordering code



Adj. travel (only bar value see below)

	RDF 7	RDF 10	RDF 13	RDF 19
K mm (inch)	7 (0.28)	8 (0.31)	11 (0.43)	14 (0.55)

Туре	Material number
RDF7	R932500532
RDF10	R932500533
RDF13	R932500534
RDF19	R932500535

Туре	Material number

Туре	Material number

Bosch Rexroth Oil Control S.p.A. Fimma Division (Rge 2) Via G. Bovio, 7 Z.l. Mancasale 42124 Reggio Emilia, Italy Tel. +39 0522 517 277

Tel. +39 0522 517 277
Fax +39 0522 517 125
cartridges@oilcontrol.com
www.boschrexroth.com

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Subject to change.