

check valve Type Rvp

RC20400/12.2004

size 6 to 40

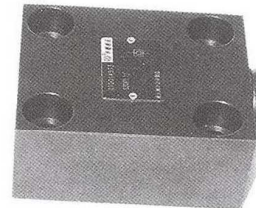
up to 31.5 MPa

up to 600L/min

 Replaces:
RC20400/05.2001

Features:

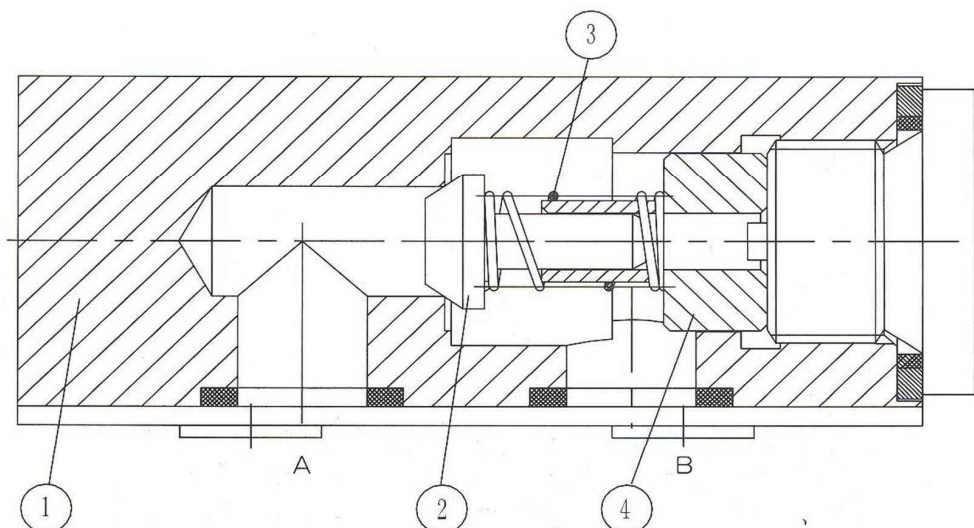
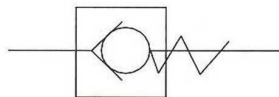
- Subplate connection
- Leakage-free closure in one direction


Description

The check valve type RVP has the task of, preferably closing a flow leakfree in one direction and to permit free flow in the opposite direction. It basically comprises of the housing (1), poppet (2) and the compression spring (3).

The stroke of the poppet (2), which is guided on its outside diameter, is limited by a mechanical stop. The built-in compression spring (3) supports the closing movement. Furthermore the compression spring (3) holds the poppet (2) in the closed position even when there is no flow through the valve.

Symbol



1. housing 2.poppet 3. spring 4. spring seat

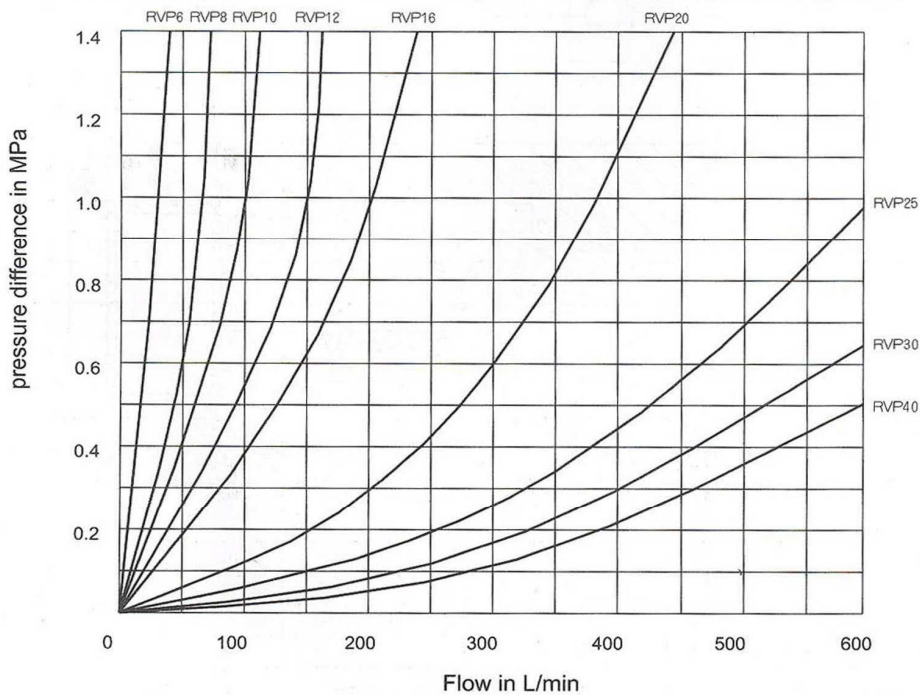
Ordering details

RV	P	10	B	*
check valve				Futher details in clear text
subplate mounting	=P			No code = mineral oils V = phosphate ester
Size				B = The technology of Beijing Huade Hydraulic
6	=6			
8	=8			
10	=10			
12	=12			
16	=16			
20	=20			
25	=25			
30	=30			
40	=40			
		10=	10 to 19	
		(10 to 19: unchanged installation and connection dimensions)		

Technical data

size		6	8	10	12	16	20	25	30	40	
Operating pressure, max.	(MPa)	31.5									
Opening pressure	(MPa)	0.05									
Pressure fluid		mineral oils or phosphate ester									
Pressure fluid temperature range	(°C)	- 30 to + 80									
Viscosity range	(mm ² /s)	2.8 to 500									
Fixing position		optional									

Characteristic curves (measured at $v = 41 \text{ mm}^2/\text{s}$ and temperature $t = 50^\circ\text{C}$)

 Direction of flow: P1 to P2 the relationship between pressure differential Δp and flow Q


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Size 6 =6 8 =8 10 =10 12 =12 16 =16 20 =20 25 =25 30 =30 40 =40							
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