Check Valves
RPV 06

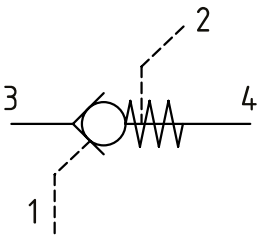
Pilot Operated Check Valve, Port 1 Pilot to open with Drain

315 bar [4600 psi] • 30 l/min [8 US gpm]

DESCRIPTION AND OPERATION

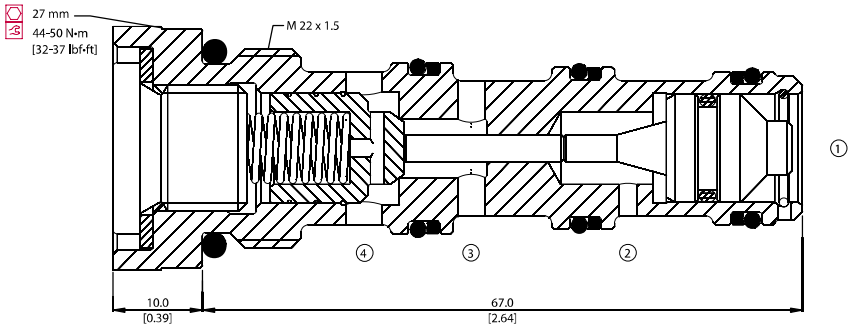
This is a pilot operated check valve with a separate drain. Free flow takes place from port 3 to 4 and is blocked from port 4 to 3 until pilot pressure is applied to port 1. Port 2 is drained to tank to remove any effect of pressure in port 3 affecting the pilot pressure required to keep the valve open.

SCHEMATIC



DIMENSIONS

mm [in]

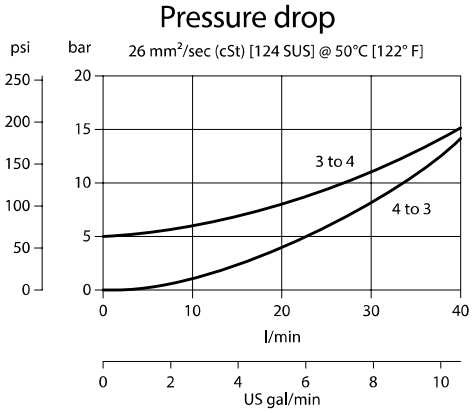


PERFORMANCE DATA

Rated pressure	**315 bar [4600 psi]**
Rated flow at 7 bar [100 psi]	**30 l/min [8 US gpm]**
Weight	0.13 kg [0.29 lb]
Pilot Ratio	3.4:1
Cavity	NCS06/4

Note: A piston seal requires a 4.5 bar [65 psi] or greater return spring.

PERFORMANCE CURVES



MODEL CODE

RPV 06 - 5 - OR - 00 - V

Pilot Seal Option

OR-Seals
Omit-No seals

Housing

Code	Ports & Material	Housing Model Code
00	No Housing	
L3/8	Al, 3/8 BSP	NCS06/4-L-3/8
L1/2	Al, 1/2 BSP	NCS06/4-L-1/2
L6S	Al, #6 SAE	NCS06/4-L-6S
L8S	Al,#8 SAE	NCS06/4-L-8S

*Aluminum bodies are to be used for pressures less than 210 bar [3000 psi]
* Additional housings available

Seal Option

Code	Seal kit
V-Viton	Consult factory
Omit-Buna-N	230000080