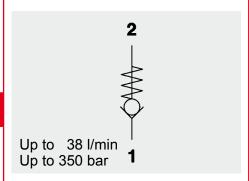
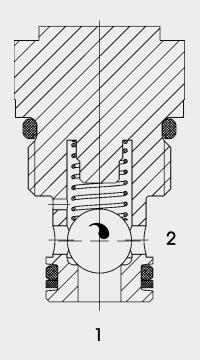
# PACINTERNATIONAL



## Check Valve Ball Seat Type Metric Cartridge – 350 bar RVM06020

#### **FUNCTION**



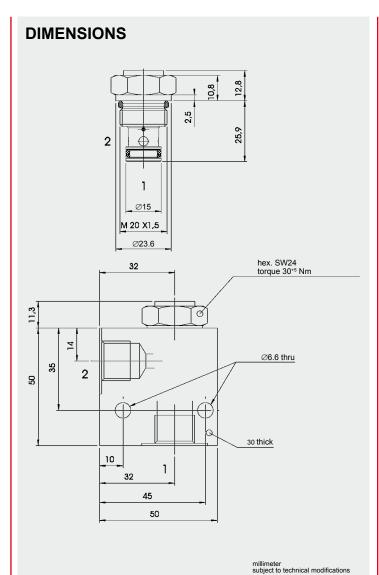
### The check valve RVM06020 is a directacting, spring-loaded ball poppet valve. When there is no flow through the valve, the spring holds the ball in the closed position and therefore shuts off port 2 from port 1. The valve opens when the pressure at port 1 is higher than the pressure at port 2, including the pressure created by the spring force.

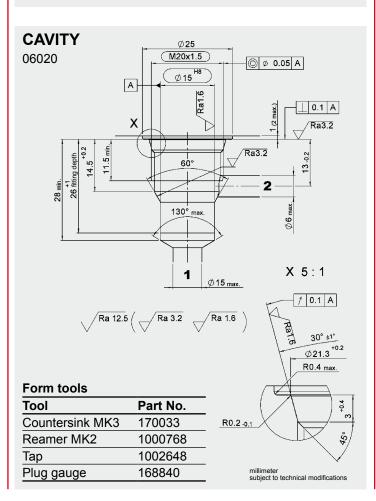
#### **FEATURES**

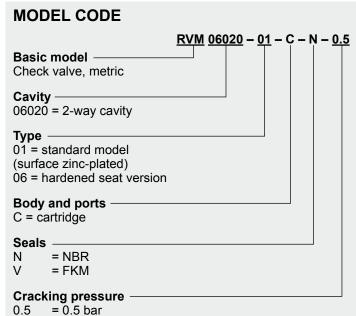
- Main application is to prevent uncontrolled movement or creeping of loaded cylinders and also to shut-off sections of the system
- External surfaces zinc-plated
- Low pressure drop by CFD optimized flow path
- Optional version with hardened and ground seat

#### **SPECIFICATIONS**

Operating pressure:	max. 350 bar		
Nominal flow:	max. 38 l/min		
Internal leakage:	Leak-free (max. 5 drops ≘ 0,25 cm³/min at 350 bar)		
Cracking pressure:	0.5 bar (others on request)		
Ambient temperature range:	min30 °C to max. +100 °C		
Media operating temperature range:	min30 °C to max. +100 °C		
Operating fluid:	Hydraulic oil to DIN 51524 Part 1 and 2		
Viscosity range:	min. 2.8 mm²/s to max. 800 mm²/s		
Filtration:	Class 21/19/16 according to ISO 4406 or cleaner		
MTTF <sub>d</sub> :	150 years (see "Conditions and instructions for valves" in brochure 5.300)		
Installation:	No orientation restrictions		
Materials:	Valve body:	high tensile steel	
	Closing element: hardened and ground steel		
	Seals:	NBR (standard) FKM (optional, media temperature range -20 °C to +120 °C)	
	Back-up rings:	PTFE	
Cavity:	06020		
Weight:	0.08 kg		







#### Standard models

Others on request

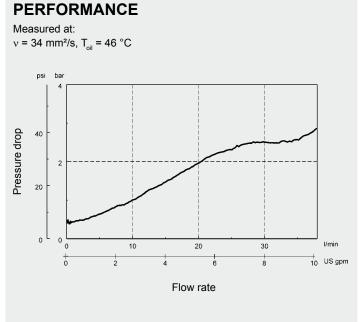
Model code	Part No.
RVM06020-01-C-N-0.5	3196992
Other models on request	

#### Standard in-line bodies

Code	Part No.	Material	Ports
R06020-01X-01	275266	Steel, zinc-plated	G 3/8

#### Seal kits

Code	Material	Part No.
SEAL KIT 06020-NBR	NBR	3119017
SEAL KIT 06020-FKM	FKM	3262477



**NOTE**The information in this brochure relates to the operating conditions and applications described. For applications or operating conditions not described, please contact the relevant technical department.
Subject to technical modifications.

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