

PRODUCT - OVERVIEW

Topic: Material pressure regulator
Product: Mechanical operated material pressure regulator
Kopperschmidt P10-VM, P10-RM
Kopperschmidt P20-VM, P20-RM

PxxVM-RM_PÜ_E

Stand: 02/2019

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Quality Products



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Technical data

Working range **P10-VM/RM:** 1,0 to 10 bar
Working range **P20-VM/RM:** 1,0 to 20 bar

Input pressure **P10-VM:** max. 40 bar
Input pressure **P20-VM:** max. 40 bar
Input pressure **P10-RM:** max. 10 bar
Input pressure **P20-RM:** max. 20 bar

Flow rate **VM:** 4,0 l/min. at 5 bar regulator setting

Flow rate **RM:** 15 l/min.
viscosity 45mm²/s,
nozzle size 2,6 mm

Temperature range: 0 to +70 °C

Viscosity range: 30 to 1.500 mm²/s

Material- in- and outlet: G3/8" i

Pressure gauge + rising pipe connector: G1/8" i

- **Fine adjustable material back pressure regulator**
- **Valve ball and seat made of TC**
- **Material contact parts made of stainless steel**
- **PTFE coated diaphragm**

The advantages at a glance

- Mechanical operated material pressure regulator with material contact parts made of stainless steel enable versatile applications with water and solvent based material like paints, oils alcohols, dispersions, and many other liquids with even aggressive, corrosive or abrasive characteristics.
- Regulates the material pressure of liquids within a wide range of viscosity.
- Material contact parts are made of stainless steel 1.4305/AISI 304
- Valve ball and seat are made of tungsten carbide which allows a long term usage
- Compact dimensions with 3/8" material in- and outlet.

Please note!

Before applying extremely high viscosity, aggressive, corrosive or abrasive material, we suggest to check materials for compatibility or contact Kopperschmidt Spritztechnik.