

PRODUCT - OVERVIEW

Thema: X-tended Range material pressure regulator PX
Product: Pneumatically operated material pressure regulator Kopperschmidt PX250-VP

PX250VP_PÜ_E

Stand 01/2021

Changes are possible without notice

Quality Products



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Technical data

Working range PX250-VP:	15-250 bar
Input pressure:	max. 360 bar
Flow rate:	18 l/min at free flow in the valve
Temperature range:	0 to + 70°C
Air pressure max.:	6 bar
Material in- and outlet:	G3/8" i
Pressure gauge + rising pipe connector:	G1/4" o
Air connection:	G1/4" i

- **Finely adjustable material pressure regulator with extended control range and small control hysteresis**
- **Valve ball and seat are made of tungsten carbide, optionally also with ceramic ball**
- **Material contact parts made of stainless steel and UHMWPE**

The advantages at a glance

- Mechanical operated material pressure regulator for forward pressure regulation (VM) or back pressure regulation (RM), 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.
- X-tended Range - regulates the material pressure of liquids of a broad viscosity spectrum with low control hysteresis and in an extended control range from an output pressure of 15 bar up to a maximum of 270 bar.
- Material contact parts are made of stainless steel AISI 304/1.4305 and sealing materials made of PTFE and UHMWPE.
- Valve ball and seat are made of tungsten carbide this allows a long term use, alternatively for VM regulator also possible with ceramic ball.
- Space-saving, compact design with or without a pressure gauge.

Please note!

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