

Equipment

Designation	Material	Part number
REGSMART - 275bar - ball 6 (cold application)	Aluminum	155750000
REGSMART - 275bar - ball 8 (cold application)	Aluminum	155750100
REGSMART - 275bar - ball 12 (cold application)	Aluminum	155750200
REGSMART - 275bar - ball 6 (cold application)	Stainless steel	155751000
REGSMART - 275bar - ball 8 (cold application)	Stainless steel	155751100
REGSMART - 275bar - ball 12 (cold application)	Stainless steel	155751200

Accessories

Designation	Part number
REGSMART support	155750906
Air regulator kit	155750908




REGSMART

Pressure Regulator for High Viscosity Materials

High Viscosity / Regulators



SIMPLE AND EFFICIENT FOR ALL HIGH VISCOSITY MATERIALS

-  **Easy to integrate**
-  **Very large application window (pressure and flowrate)**
-  **Easy maintenance**

Markets





REGSMART

Pressure Regulator for High Viscosity Materials

This regulator for high viscosity products has a large pressure and flow range.

The RegSmart regulator is designed to provide an **easy-to-use solution** for a wide range of pressures and flows. A large diaphragm allows it to regulate pressures up to 275 bar. The ability to choose the ball diameter and therefore the flow size allows it to handle a **wide range of applications**.

Its compactness and the alignment of the inlet and outlet allow a **simple integration**. The optional air control valve can be used as a proportional regulator for your automatic applications.

With its **robust construction** and carbide ball and needle, it is **easy to maintain** thanks to the accessibility of the wear parts. For acrylic products, we offer a stainless steel version.



Technical data table

Designation	Value	Unit: metric (US)
Fluid Passages	Ø6 / Ø8 / Ø12	mm
Inlet Pressure Maximum	400 (5802)	bar (psi)
Outlet Pressure - Regulated Range	25 - 275 (363 - 3989)	bar
Air Pressure Maximum	6 (87)	bar
Max Working Temperature	80 (140)	°C
Material Inlet and Outlet	3/4" F BSPP	
Wetted Parts - Stainless Steel	SS, PTFE, FFKM	
Average Output	Ø6: 0.9 (xx) / Ø8: 3.0 (xx) / Ø12: 9 (xx)	l/mn (gal/mn)
Weight - Aluminum version	4.2 (9.25)	kg (lbs)
Weight - Stainless steel version	6.2 (13.66)	kg (lbs)
Wetted parts - Aluminum	Al, PTFE, FFKM	



Technologies



Bead



Potting



Droplets



Streaming



Spraying

Performance

- 1 One diaphragm for a wide pressure range 5-275 bar
- 2 From small to high flowrates with different ball sizes

Productivity

- 3 Easy integration: Inlet and outlet are aligned
- 4 Simple, compact design - Only 125 mm of height footprint
- 5 Pressure air regulator for flow control as an option

Sustainability

- 1 High strength membrane
- 2 Carbide ball & seat for heavy duty production
- 6 Stainless steel or Aluminum body



Description

