

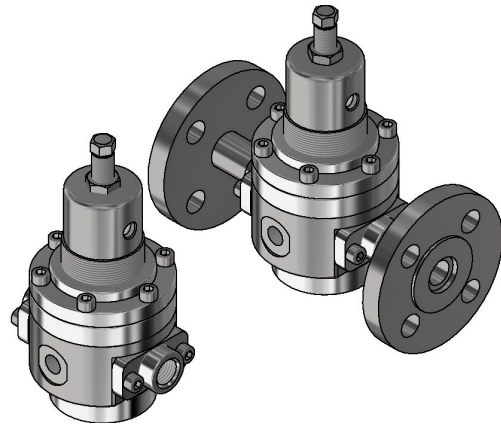
RN12CS2 Pressure reducing valve for NH3



DESCRIPTION

Self-actuated reducing valves manage downstream pressure without requiring pneumatic or electrical control elements. Pressure is controlled by a balanced piston and shutter, ensuring precision and repeatability of regulation. Body and inner parts are made of 316L stainless steel with excellent corrosion resistance. Panel mounting with bracket available. This device is specially designed for use with ammonia.

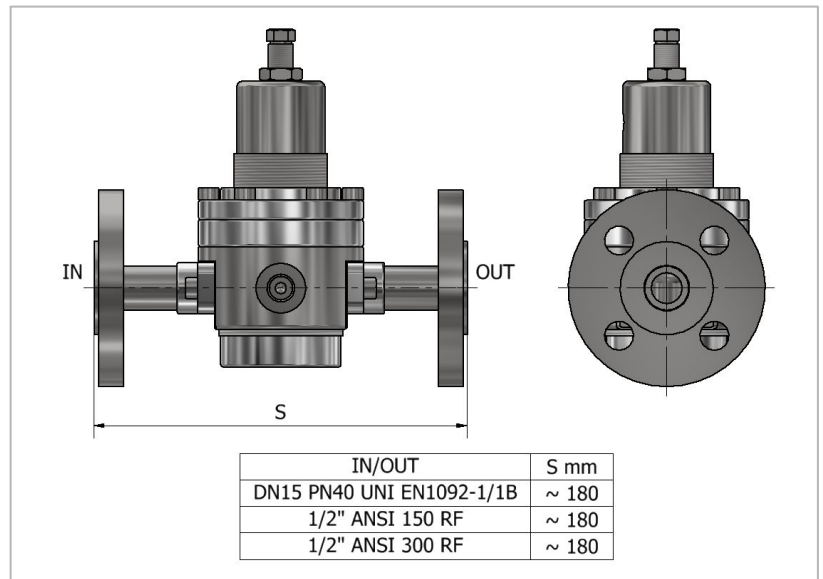
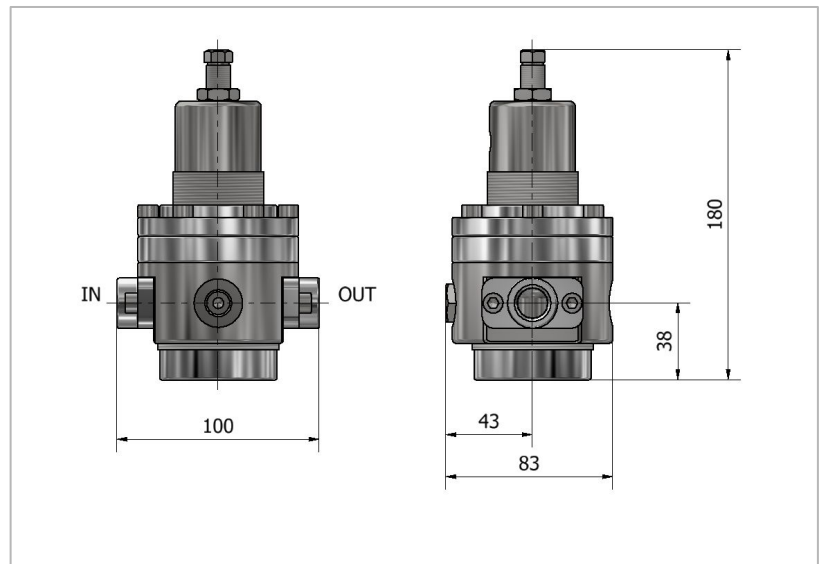
Applications: chilling, industry, chemical and energy.



TECHNICAL DATA

MAXIMUM INLET PRESSURE	Threaded version 15 bar Flanged version as per specific standard
SETTING RANGE	0,1 → 1,5 bar • 0,2 → 3 bar
IN/OUT CONNECTIONS	1/4" • 3/8" • 1/2" (G-F / NPT-F) Flanged (UNI EN 1092-1 // ASME B16.5)
GAUGE CONNECTIONS	1/4" G-F
KV (CEI EN 60534-2)	3,2 m3/h
MATERIAL	Body - AISI 316L Inner parts - AISI 316L
TEMPERATURE	-20°C → +80°C Other temperatures upon request
FLUIDS	NH3
WEIGHT	3,7 kg (threaded version)
CERTIFICATES	PED 2014/68/UE • ATEX 2014/34/EU
ACCESSORIES	Gauge • Bracket
SPARE PARTS KIT	Wear parts

DIMENSIONAL DRAWINGS



FLOW CHARTS

