

JRDL

Brand: Low Flow



Short Description

Diaphragm Operated, Pressure Regulating Valve The JRDL Series line of diaphragm sensed, high pressure regulators have the ability to handle very high pressures and very low flows. USDA and FDA approved soft goods available upon request. High pressure gas Liquid pump systems control Water seal regulation Hyperbaric chambers Air compressors Pressurized ballast tanks Gas transfer systems Gas chromatography Flame ionization

Description

Ability to reduce high inlet pressures from 1 – 400 psig (0 to 27,6 bar) in one valve Provides superior sensitivity in pressure regulation to the piston operated JRPL, and has a Cv that's nearly 10x greater than the 0.2 Cv in the JR Series Barstock construction guarantees material integrity and surface finish High flow rate coupled with high rangeability reduces need for reduced trim sizes Optimized internal volume Soft seat material for ANSI Class VI shutoff Seat Type: Buna-N, EPDM, Viton Sizes: 1/2", 3/4", 1" (DN15, DN20, DN25) End Connections: Threaded, Socket Weld, Flanged, Others Body Materials: 316L Stainless Steel, Hastelloy C, Monel, Alloy 20, others Cv (Kv): 1.7 (1,46) Spring Range: 0-50 psi (0-3,4 bar); 0-100 psi (0-6,9 bar); 0-200 psi (0-13,8 bar); 0-400 psi (0-28 bar)