

# Mark 5850HP

**Brand:** Low Flow



## Short Description

High Pressure Back Pressure Regulator The Mark 5850HP is a high pressure, back pressure regulator designed to maintain upstream pressure of gases and liquids. With a robust piston design, the Mark 5850HP can handle setpoints up to 5000 psig (345 bar) at 450°F (232°C) with ease. USDA and FDA approved soft goods available upon request. High pressure vessel venting High pressure injection applications Gas/liquid sampling station Compressor skids Test standards

## Description

Completely barstock construction – ensures body/trim material quality and facilitates usage of alloy materials High flow – Cv 1.0 9Kv 0,9) in a compact design Full pressure rating across entire temperature range – maximum setpoints available at maximum pressures T-bar handle – permits usage of lighter, more sensitive spring Proof tested to 12,000 psi (827 bar) – nearly five times pressure rating, ensures safety when working with high pressures A variety of seal materials ensure compatibility with medium setpoint Seat Type: Teflon Size: 1/2" (DN15) End Connections: Threaded, socket weld, flanged, others Body Materials: 316L Stainless Steel, Hastelloy C, Monel, Alloy 20, others CV (Kv): 0.4 (0,34) Spring Range: 800 – 5000 psi (55 – 345 bar)