Premium Pressure and Vacuum Protection for Liquefied Gas Carriers



ANDERSON GREENWOOD

Pilot operated pressure relief valves with unmatched capacity and seat tightness designed specifically for LNG and LPG Carriers, FSRUs and FLNG ships

Marine Overpressure Protection Evolved

In marine applications, reliability and performance are extraordinarily important. The Anderson Greenwood™ 9300H Series combines industry leading reliability and performance with best in class flow capabilities. Designed to solve the toughest marine applications, the 9300H Series can help reduce vessel penetrations, product waste and maintenance costs.

Key Features

- Innovative body design creates best-in-class flow capabilities allowing for smaller and fewer valves.
- Simple self-guiding seat design ensures repeatable seat tightness and eliminates product loss.
- Designed to operate in corrosive marine environments, the 9300H Series uses materials specifically selected for longevity and durability.
- Accessories include auxiliary setters, field test connections, service cranes and backflow preventers.
- Approved by Lloyd's Register, American Bureau of Shipping, Bureau Veritas and DNV GL for liquefied gas service.

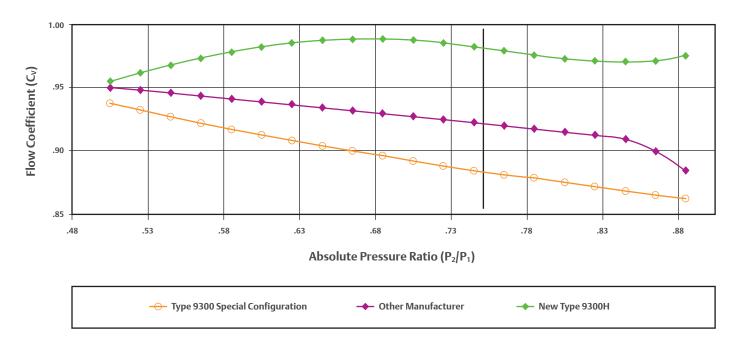


Type 9300H Marine Configuration



High capacity options for even the largest marine vessels

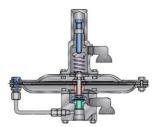
Flow Coefficient (C_v) vs Absolute Pressure Ratio (P₂/P₁)



Product Features

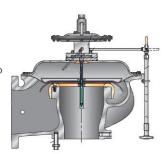
Pilot Valve

- Rugged, industry leading pilot design field proven for more than 50 years
- Full cryogenic marine design
- Easily field adjustable for pop or modulating action
- Pilot exhaust tubed to main valve outlet to eliminate pilot emissions



Main Valve

- Full seat tightness up to 95% of set pressure
- Rugged diaphragm design proven to last over 100,000 cycles
- Self-centering disc shielding the diaphragm from flowing media
- Self-draining body
- Top entry for easy maintenance
- Pilot mounted directly on cap for ruggedness and a low profile valve assembly



Emerson Automation Solutions

Americas

McKinney, Texas 75070 USA T +1 800 558 5853 T +1 972 548 3574

Stafford, Texas 77477 USA T +1 281 274 4400

Europe

T+39 051 419 0611

Asia Pacific T +65 6777 8211

Middle East / Africa T+971 4811 8100 webadmin.regulators@emerson.com

Emerson.com

Facebook.com/EmersonAutomationSolutions

in Linkedin.com/company/emerson-automation-solutions

Twitter.com/emr_automation

