



Stainless Steel Severe Service High Pressure Union Bonnet Needle Valve, 0.86 Cv, 1/2 in. FNPT, Regulating Stem

Part #: SS-6HNRF8

Specifications

Body Material	316 Stainless Steel
Cleaning Process	Standard Cleaning and Packaging (SC-10)
Connection 1 Size	1/2 in.
Connection 1 Type	Female NPT
Connection 2 Size	1/2 in.
Connection 2 Type	Female NPT
CV Maximum	0.86
Flow Pattern	Straight (2-way)
Handle Style	Aluminum Bar
Maximum Temperature, °F (°C)	450 (232)
Max Temperature Pressure Rating	450°F @ 7435 PSIG /232°C @ 512 BAR
Minimum Temperature, °F (°C)	-65 (-53)
Orifice	0.250 in
Room Temperature Pressure Rating	10000 PSIG @ 100°F /689 BAR @ 37°C
Stem Tip Material	316 Stainless Steel
Stem Type	Regulating
eClass (4.1)	37010201
eClass (5.1.4)	37010201
eClass (6.0)	37010203
eClass (6.1)	37010203
eClass (10.1)	37010203
UNSPSC (4.03)	40141602
UNSPSC (10.0)	40141602
UNSPSC (11.0501)	40141602
UNSPSC (13.0601)	40141602
UNSPSC (15.1)	40141602
UNSPSC (17.1001)	40141602

Straight Pattern, Regulating Stem

Needle valves with union-bonnet construction are available in a variety of materials, with working pressures up to 10000 psig (689 bar) and temperatures up to 1200°F (648°C).

Contact

If you have questions about this product, please contact your local authorized sales and service center. They can also tell you about supporting services to help you get the most out of your investment.

The complete catalog contents must be reviewed to ensure that the system designer and user make a safe product selection.

When selecting products, the total system design must be considered to ensure safe, trouble-free performance. Function, material compatibility, adequate ratings, proper installation, operation, and maintenance are the responsibilities of the system designer and user.

Do not mix/interchange Swagelok products or components not governed by industrial design standards, including Swagelok tube fitting end connections, with those of other manufacturers.



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