

3400

Steam Conditioning Valve



Effective. Efficient

Inlet Size: 1" (DN 25) to 20" (DN 500)
Outlet Size: 1" (DN 25) to 30" (DN 750)
Pressure Rating: 150# to 4500#, Dual Rated,
Custom Rating
Leakage Class: Class IV & V



Industries:

- Downstream Oil and Gas
- General Industry
- Midstream Oil and Gas
- Power Generation
- Processing
- Renewables

Turbine Bypass Valve

Multiple Desuperheating Configurations

Accurate Temperature Control

Cascading Pressure & Temperature Control

Robust & Compact Design

Competitive Package

Forged Body Design

Integral Desuperheating Nozzles

Reliable Steam Control



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3400 Model Specifications

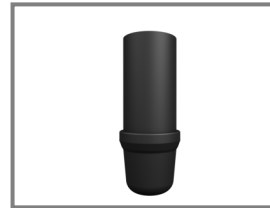
Body Type	Globe, Angle, Z-Form
Inlet Sizes	1" (DN 25) to 20" (DN 500) ²
Outlet Sizes	1" (DN 25) to 30" (DN 750) ²
Plug Sizes	25mm to 300mm
ANSI Class	150# to 4500#, Dual Rated, Custom Rating
End Connections	BWE, RF, RTJ
Plug Type	Contour Plug (UB), Drilled Cone Plug (UB/PiB)
Cage Type	Drilled Hole (1-3 Stages), Zick Twist (2-20 Stages)
Flow Characteristics	Linear, Equal Percentage, Modified
Packing Type	Single/Double PTFE, Single/Double Graphite, Low Emission PTFE/Graphite
Nozzle Types	De-Laval Nozzle, Wall Mounted – SL Nozzle, SA Nozzle
Body Material	A105, A182 Gr F11, A182 Gr F22, A182 Gr F91, A182 Gr F316
Trim Material	SS410 Hardened (upto 425°C), DIN 1.4122 Nitrided (426°C to 593°C)
Cv Range	Custom – Made to order
Leakage Class	Class IV and Class V
Actuation	Pneumatic, Electric, Electro-Hydraulic, Hydraulic
Certifications/Compliance	CML, IBR, PED/CE, TSG

RF – Raised Face Flange; RTJ – Ring Type Joint; BWE – Butt Weld End

UB – Unbalanced; PiB – Pilot Balanced

2 – Special sizes can be offered

Trim Options



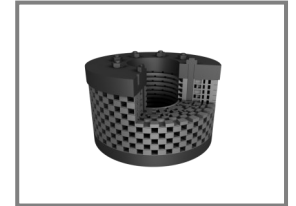
Contour Plug



Drilled Cone

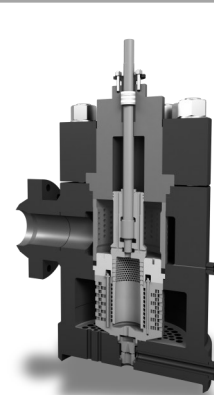


LoNoise

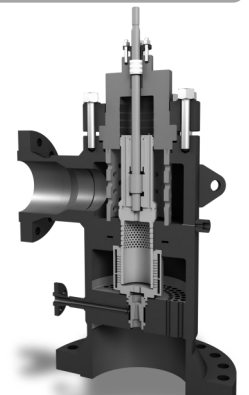


Zick Twist

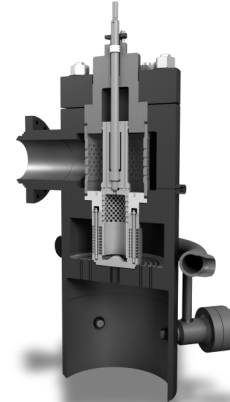
Types of Models



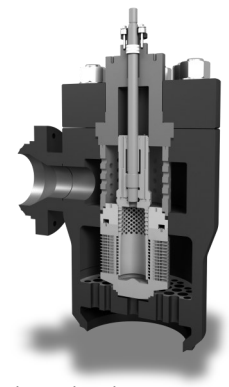
Valve with Zick Twist & De-Laval Nozzle



Valve with Drilled Hole Cage & De-Laval Nozzle



Valve with Zick Twist Cage



Valve with Zick Twist Cage and SL Nozzle

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