

SAMSON

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## Heavy-Duty Control Valves

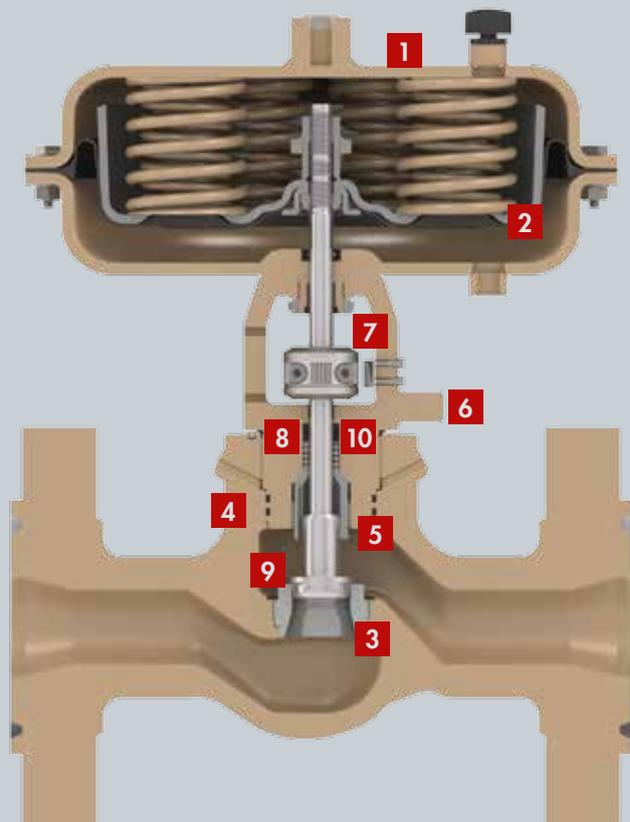
Type 3525 High Pressure Globe Valve  
for the Energy Industry



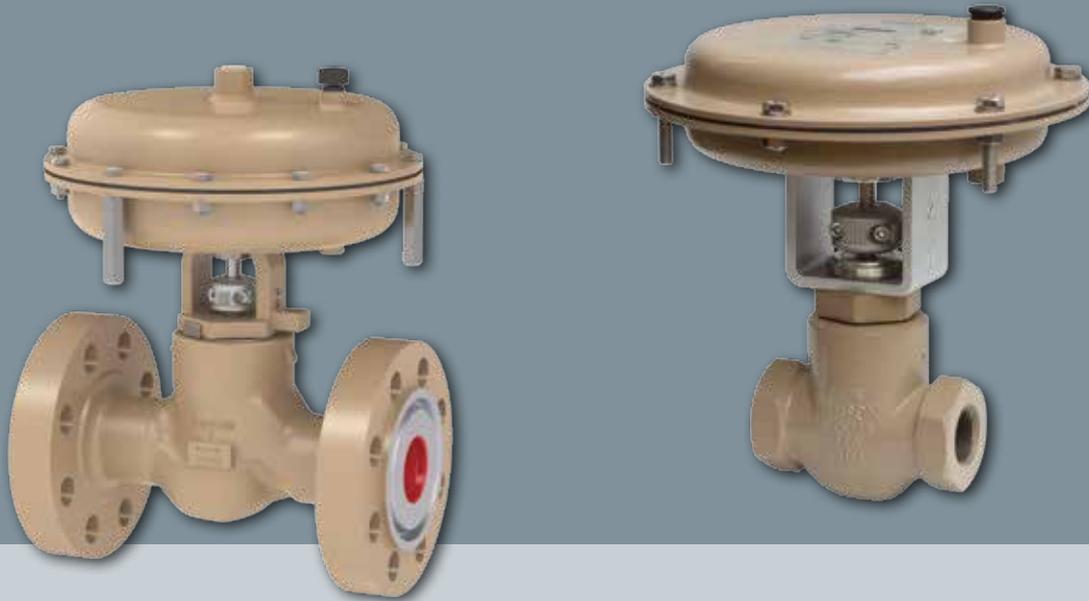
# TECHNICAL BENEFITS AND FEATURES



- 1** Powerful field-reversible actuator for fail-open or fail-close
- 2** Rolling diaphragm for improved control
- 3** No special tools required
- 4** Safe bonnet
- 5** Heavy-duty guiding
- 6** Hammer tab for easy bonnet removal
- 7** Field-adjustable Cv
- 8** Low emission packing
- 9** Standard trim material is Stellite 6, also available in tungsten carbide
- 10** Same packing for all valve sizes



# VALVE DESIGNED FOR OIL AND GAS PROCESSING



The Type 3525 Valve was designed to deliver versatility and long life in a compact unit that is easy to service.

## Energy industry demands

- More up time
- A valve that can adjust to changing conditions
- Easy maintenance for field personnel

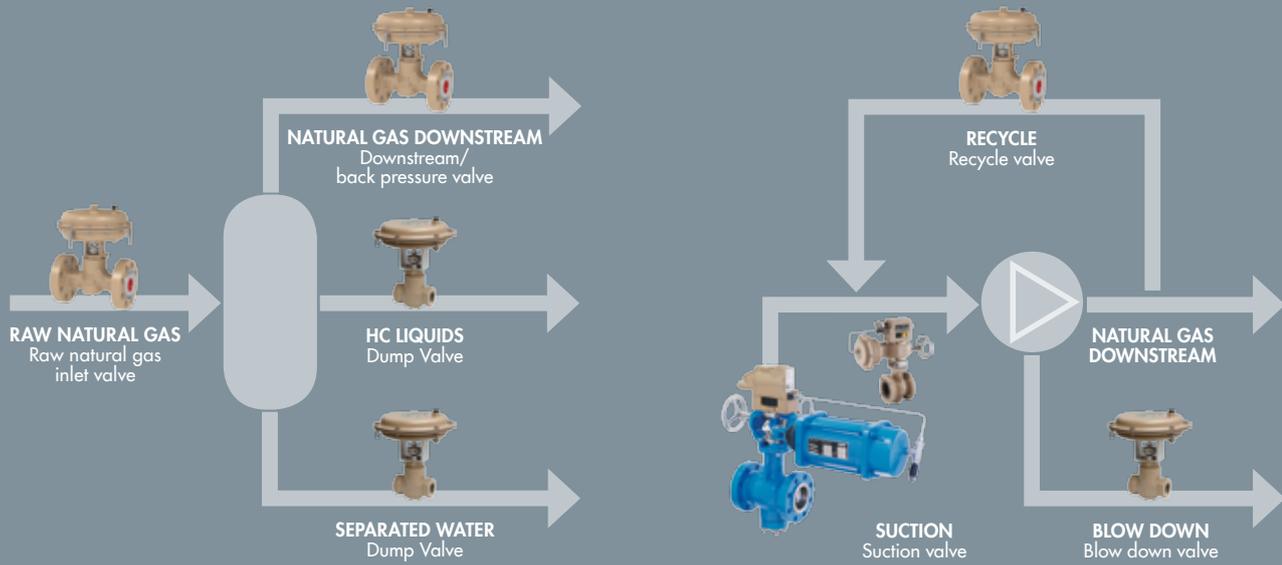
## Our solution

- High-quality materials, exacting tolerances, powerful actuator
- Field-adjustable flow rate and fail-safe action
- A robust design that does not require any special tools

## Typical Applications

- Compressors
- Separators
- Meter skids
- Knockdown vessels
- Vapor recovery
- Dehydration units
- Refrigeration plants
- Sweetening units
- Scrubbers
- Fractionation

# COMMON NATURAL GAS APPLICATIONS



## NATURAL GAS SEPARATORS

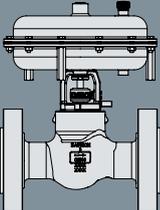
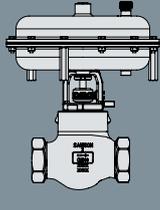
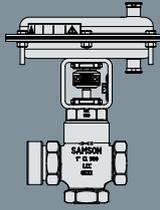
- **Raw natural gas inlet valve**  
Type 3525 Globe Valve  
NPS 2, Class 1500, RTJ flanged
- **Downstream/back pressure valve**  
Type 3525 Globe Valve  
NPS 3, Class 600, RF flanged
- **Dump valve**  
Type 3525 Compact Globe Valve  
NPS 1, Class 900, female NPT

## NATURAL GAS COMPRESSORS

- **Recycle valve**  
Type 3525 Globe Valve  
NPS 1 to 3, Class 600 to 1500 and 1700,  
flanged or female NPT
- **Blow down valve**  
Type 3525 Compact Globe Valve  
NPS 1, Class 900, female NPT
- **Suction valve**  
Type 3310 Segmented Ball Valve or  
VETEC Type 73.7 Rotary Plug Valve  
NPS 3 to 8, Class 150 to 600, flanged

# TECHNICAL DETAILS



			
Type	Standard	Standard	Compact
Valve pattern	Globe valve	Globe valve	Globe or T-body
Valve size	NPS 1 to 3	NPS 1 to 2	NPS 1
Pressure rating	Class 600 - 1500	Class 600 - 1500 and Class 1700 (4250 psi)	Class 900
End connections	Flanged, RF or RTJ	Female NPT	Female NPT
Body material	A352 LCC		
Trim material	Standard: Stellite 6 Optional: tungsten carbide	Standard: Stellite 6 Optional: tungsten carbide	Standard: Stellite 6 Optional: tungsten carbide
Rated Cv coefficients	4 to 47	4 to 38	7
NACE conformity	MR0103-2007/MR0175-2002/ISO 15156		

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## Heavy-Duty Control Valves



● Production sites    ● Subsidiaries

SAMSON AKTIENGESELLSCHAFT  
Weismuellerstrasse 3  
60314 Frankfurt am Main, Germany  
Phone: +49 69 4009-0 · Fax: +49 69 4009-1507  
E-mail: samson@samson.de · Internet: www.samson.de

USA Headquarters  
4111 Cedar Boulevard · Baytown, TX 77054  
Phone: (281) 383-3677 · Fax: (281) 383-3690

Canada Headquarters  
1-105 Riviera Drive · Markham, Ontario L3R 5J7  
Phone: (905) 474-0354 · Fax: (905) 474-0998

SMART IN FLOW CONTROL.