

SAMSON

AND
EVERYTHING
FLOWS

**TYPE 3310
SEGMENTED
BALL VALVE**



SOLUTIONS
for the Energy Market

TYPE 3310 SEGMENTED BALL VALVE WITH TYPE SRP PNEUMATIC ACTUATOR



Special features:

- High flow capacity (three to four times higher than with a globe valve)
- 100 % full-bore opening
- Compact and light design
- Pump energy optimization
- Easy integration
- Cost-effective solution

Three-way valve for mixing or diverting service available by combining two Type 3310 Valves

Suited for control applications in:

- Heating and cooling networks:
 - Power plants
 - Primary networks
 - High-voltage substations
- Energy industry

Motorized by pneumatic or electric actuators

Actuator	Pneumatic (SRP)
Valve size	DN 25 to 300/NPS 1 to 12
K_{vs}/C_v	K_{vs} 34 to 2650/ C_v 40 to 3100
Body material	Steel or stainless steel
Seat sealing	Soft (PEEK/PTFE) Metal (ARCAP® or enhanced)
Required energy supply	Air 2.5 to 5.5 bar (depending on the selected actuator)
Additional information, options	<ul style="list-style-type: none"> • 4 to 20 mA positioner • Handwheel • Fail-safe action by spring-return mechanism
Data Sheet	T 8222-1

TYPE 3310 SEGMENTED BALL VALVE WITH TYPE PSQ ELECTRIC ACTUATOR



Special features:

- High rangeability (>400:1 with equal percentage characteristic)
- Accurate flow characteristic (equal percentage or linear) in combination with a digital positioner with autotune
- Bubble-tight design (leakage class VI)
- Option: fail-safe action using super-capacitors

- **Efficient solution to suit varying demand**
- **Secures substations when the supply fails**
- **Precise temperature control over a wide range**

Electric (PSQ)

DN 25 to 300/NPS 1 to 12

K_{vs} 34 to 2650/ C_v 40 to 3100

Steel or stainless steel

Soft (PEEK/PTFE)
Metal (ARCAP® or enhanced)

Power 24 V AC/DC · 230 V AC · 400 V AC

- 4 to 20 mA positioner
- Handwheel
- Fail-safe action by super-capacitors

T 8222-1





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