

# When Positive Shutoff is a MUST call on the EMERSON FAMILY OF SLAM SHUTS for all of your application needs!



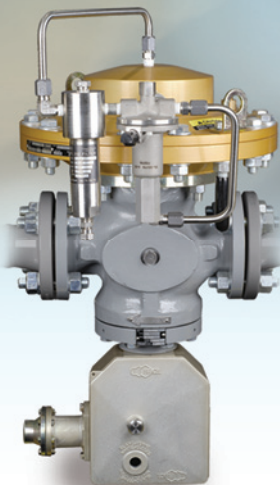
Type OSE



Type EZROX



CS404/CSB404 Series



Type EZLOX



Type EZHOSX



VS100 Series



S208 and S209 Series



Type 299HS

## Applications

- Transmission
- City Gate
- Distribution
- Industrial

## Benefits

- Environmentally Friendly No Leak to Atmosphere
- Bubble-tight Shutoff to Downstream System
- Trip Mechanism Design Avoids Nuisance Trips
- For Underpressure and/or Overpressure Protection

[www.emersonprocess.com/regulators](http://www.emersonprocess.com/regulators)

  
**EMERSON**  
Process Management

EMERSON. CONSIDER IT SOLVED.®

# Technical Specifications



Type OSE

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
NPS 1, 2, 3, 4, 6, 8, 10 / DN 25, 50, 80, 100, 150, 200, 250	NPT CL150 RF, CL300 RF, CL600 RF, CL125 FF, CL250 FF	1470 psig / 101 bar	OPSO, UPSO, OPSO/USPO, Limit Switches



VS100 Series

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
1, 1-1/4, 1-1/2	Rp, NPT	Differential Strength (DS): 232 psig / 16,0 bar	OPSO, OPSO/USPO
NPS 1-1/2 / DN 40	PN16	Integral Strength (IS): 87 psig / 6,0 bar	



Type EZROX

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
NPS 1, 2 x 1, 2, 3, 4, 6 / DN 25, 50 x 25, 50, 80, 100, 150	CL150 RF, CL300 RF, CL600 RF	1050 psig / 72,4 bar	OPSO, OPSO/USPO



CS404 and CSB404 Series

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
1, 1 x 1-1/4, 1-1/4, 1-1/4 x 1-1/2, 1-1/2, 2	NPT, Rp	For CS404: 125 psig / 8,6 bar	OPSO, OPSO/USPO, with or without Internal Relief
NPS 2 / DN 50	PN 10 / 16, CL125 FF, CL150 FF	For CSB404: Differential Strength (DS): 232 psig / 16,0 bar	
NPS 1-1/2 / DN 40	PN16	Integral Strength (IS): 58 psig / 4,0 bar	



Type EZLOSX

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
NPS 2, 3, 4 / DN 50, 80, 100	CL150 RF, CL300 RF, CL600 RF	290 psig / 20,0 bar	OPSO, OPSO/USPO



S208 and S209 Series

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
1-1/4, 1-1/2, 1-1/2 x 2, 2	NPT	125 psig / 8,6 bar	OPSO, OPSO/USPO, with or without Internal Relief
NPS 2 / DN 50	CL125 FF		



Type EZHOSX

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
NPS 1, 2, 3, 4 / DN 25, 50, 80, 100	CL150 RF, CL300 RF, CL600 RF	1500 psig / 103 bar	OPSO, OPSO/USPO



Type 299HS

SIZE	END CONNECTION	MAXIMUM INLET PRESSURE	CONFIGURATIONS
1-1/4, 1-1/2, 2	NPT	175 psig / 12,1 bar	OPSO, OPSO/USPO
NPS 2 / DN 50	CL125 FF, CL250 RF		

## Emerson Process Management Regulator Technologies, Inc.

### Americas - Worldwide Headquarters

310 East University Drive  
McKinney, Texas 75069-1872 USA  
T: +1 800 558 5853  
T: +1 972 548 3574  
F: +1 972 542 6433

[www.emersonprocess.com/regulators](http://www.emersonprocess.com/regulators)

### Europe

Natural Gas: T: +39 051 4190611  
Industrial: T: +39 051 4190606  
LP-Gas: T: +420 2 710 35 607  
TESCOM: T: +49 (0) 38823 31 0

### Asia Pacific

T: +65 6770 8337

### Middle East

T: +971 4811 8100

D350791X012 © 2011 Emerson Process Management Regulator Technologies, Inc.; All Rights Reserved. Printed in the U.S.A. 05/11. Fisher, Tartarini, Francel, Emerson Process Management, and the Emerson Process Management design are marks of one of the Emerson Process Management group of companies. All other marks are the property of their respective owners.

## Our Global Product Brands:

