

Sensitive/Back Pressure
controlled pressure ranges up to 250 PSIG (17 bar)
high flow/high accuracy

26-2300 Series

Specifications

❑ Operating Parameters

pressure rating per criteria of ANSI/ASME B31.3
maximum controlled pressure ranges:

0-50, 0-150, 0-250 PSIG (0-3.5, 0-10.3, 17 bar)

design proof pressure 150% maximum
rated pressure

leakage bubble-tight

operating temperature¹ -40° F to +165° F
(-40° C to +74° C)

flow capacity $C_v = .60$

maximum operating torque . . . 25 in.-lbs. (2.8 Nm)

¹For extended temperatures from -40°F to +400°F, please consult TESCO.

❑ Media Contact Materials

body . . . 303 SST, 316 SST or Aluminum 2024-T351

diaphragm Buna-N

main valve seat Teflon®

o-ring Buna-N

seals Teflon®

remaining parts 300 Series Stainless Steel

For other materials and modifications, please consult TESCO.

❑ Cleaning CGA 4.1 and ASTM G93

❑ Weight Stainless models 2.25 lb. (1.1 kg) Aluminum model 1.25 lb. (.55 kg)

Pressure Conversion 14.2235 PSIG = 1 kg/cm² 145 PSIG = 1 MPa

Teflon® is a registered trademark of DuPont.



Advantages

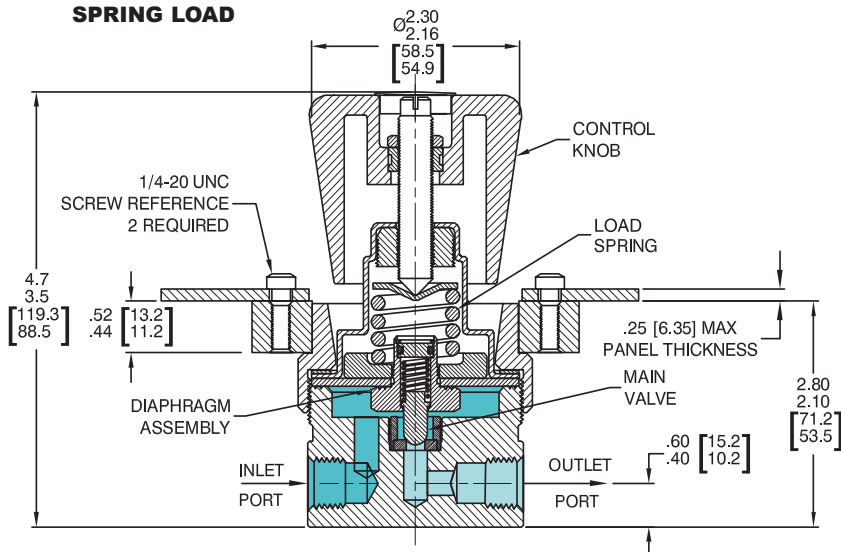
- Crack to reseal - 2% of set pressure
- Easily adjusted, low torque handknob control
- Bubble-tight shutoff at all reseal pressures
- Four flow capacities available:
 $C_v = .60$ standard
 $C_v = 1.0, .12, .06$ optional
- Spring, dome and air loaded models available
- Panel mounting standard
- Compatible with TESCO ER3000 Electropneumatic PID controller

TESCOM

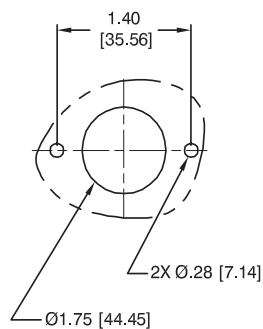

EMERSON
Process Management

D760012X012

SPRING LOAD

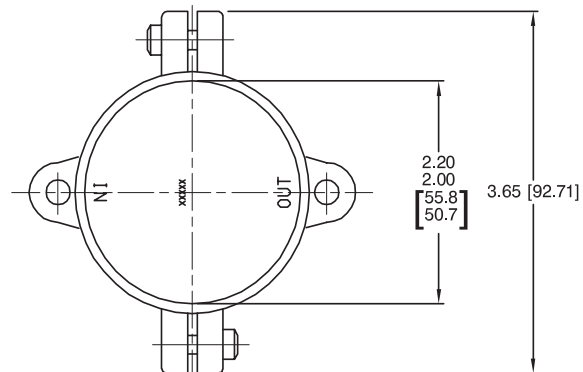
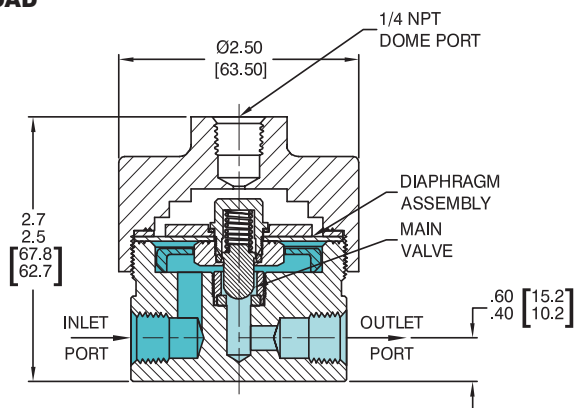


PANEL CUT-OUT

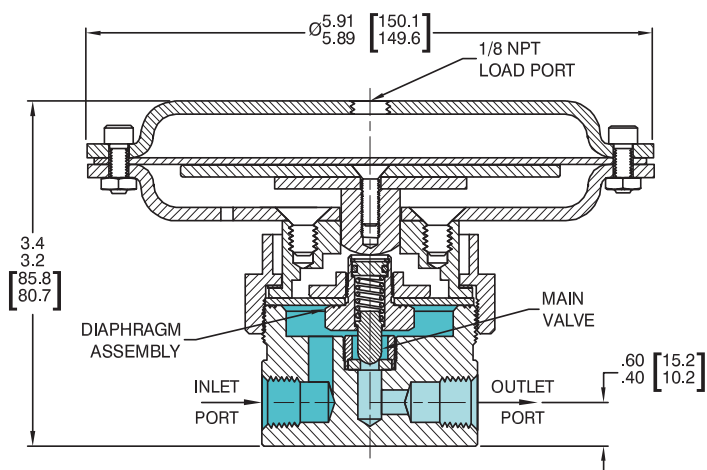


**FOR ALL
LOAD TYPES**

DOME LOAD

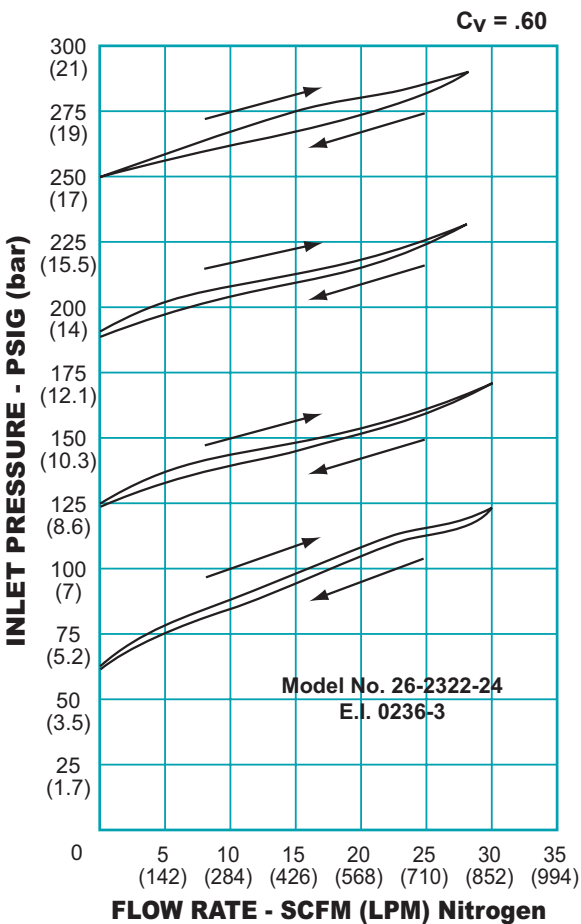
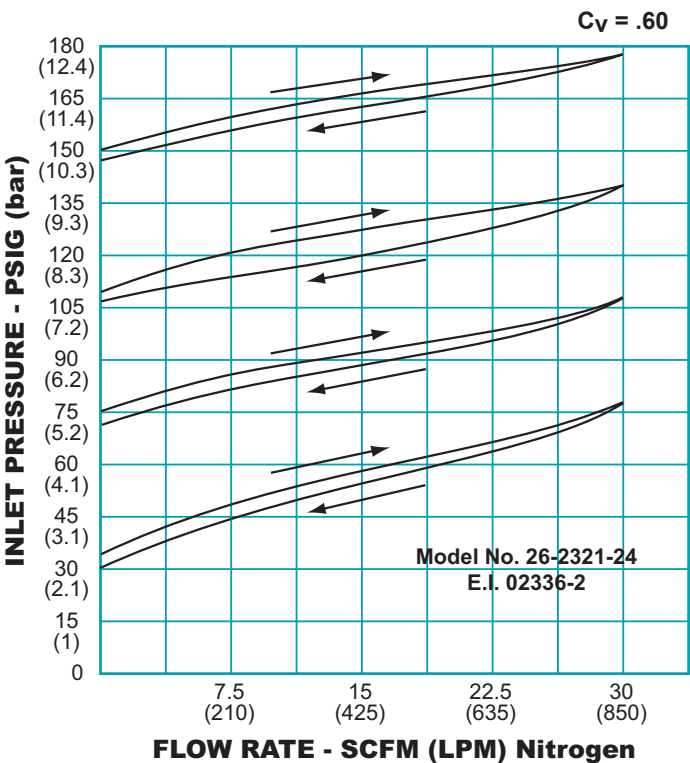


AIR LOAD



*All dimensions are reference & nominal
Metric (millimeter) equivalents are in brackets*

26-2300 Series Sensitive/Back Pressure Flow Charts



Part Number Selector

example part number:

26-23	2	1	-	2	4
BASIC SERIES	BODY MATERIAL	CONTROL PRESSURE RANGE	INLET & OUTLET PORT TYPE	INLET & OUTLET PORT SIZE	
26-23	2 – 303 Stainless Steel	0 – 0-50 PSIG (0-3.5 bar)	1 – SAE	4 – 1/4" (.64 cm)	
	3 – 2024-T351 Aluminum	1 – 0-150 PSIG (0-10.3. bar)	2 – NPT	6 – 3/8" (.95 cm)	
	6 – 316 Stainless Steel	2 – 0-250 PSIG (0-17 bar)	3 – MS33649	8 – 1/2" (1.27 cm)	

Repair Kits, Accessories & Modifications may be available for this product. Please contact TESCOM for more information.



WARNING! Do not attempt to select, install, use or maintain this product until you have read and fully understood the *TESCOM* Safety, Installation & Operation Precautions.

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