

High Pressure/Back Pressure
 controlled pressure ranges from 5 to 10,000 PSIG
 hand adjustable/spring loaded/piston-sensing

26-1700 Series

Specifications

- ❑ **Operating Parameters**
 - pressure rating per criteria of ANSI/ASME B31.3
 - maximum rated inlet pressure 10,000 PSIG
 - controlled pressure ranges . . 5-500, 5-800, 10-1500,
15-2500, 25-4000, 50-6000 & 200-10,000 PSIG
 - design proof pressure 150% maximum rated
 - leakage bubble-tight
 - ambient operating &
fluid media temperature ¹. -40° F to +165° F
(-40° C to +74° C)
 - flow capacity. . . C_v = .10 (26-17X1 through 26-17X4)
C_v = .14 (26-17X5 through 26-17X7)
 - maximum operating torque. 40 in.-lbs. (4.5 Nm)

¹. *Extended temperatures up to 650°F available,
 please consult TESCOM.*

- ❑ **Media Contact Materials**
 - back-up ring. PTFE
 - body. 316 Stainless Steel
 - o-rings. Buna-N
 - seal CTFE
 - seat CTFE (26-17X1 through 26-17X4)
Teflon® (26-17X5 through 26-17X7)
 - trim 300 Series Stainless Steel
 - remaining parts 300 Series Stainless Steel

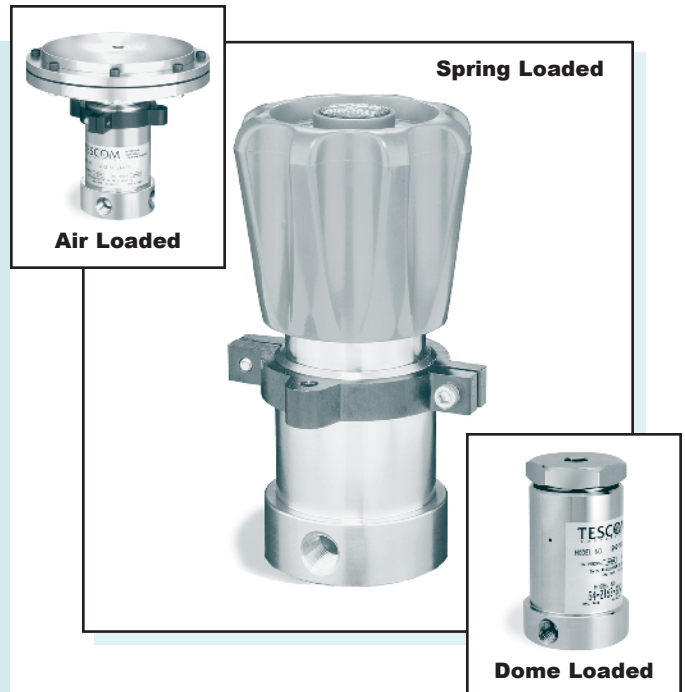
For other materials and modifications, please consult TESCOM.

- ❑ **Cleaning** CGA 4.1 and ASTM G93

- ❑ **Weight** 5 lbs. (2.2 kg)

Pressure Conversion 14.5 PSIG = 1 bar 145 PSIG = 1 MPa

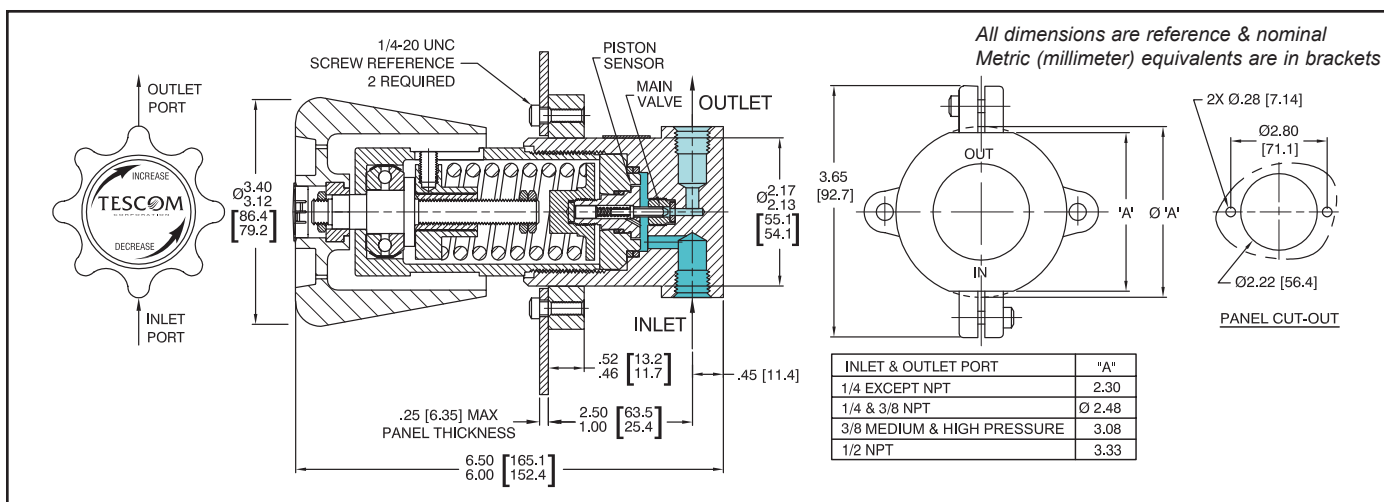
Teflon® is a registered trademark of DuPont.



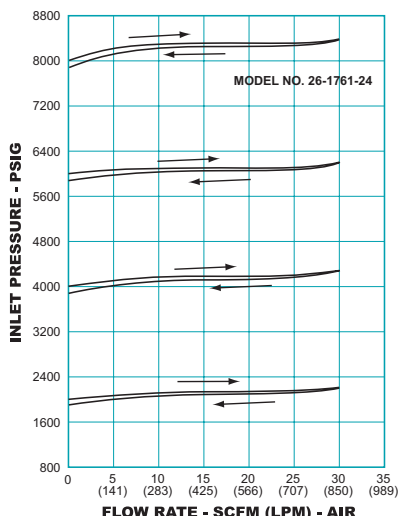
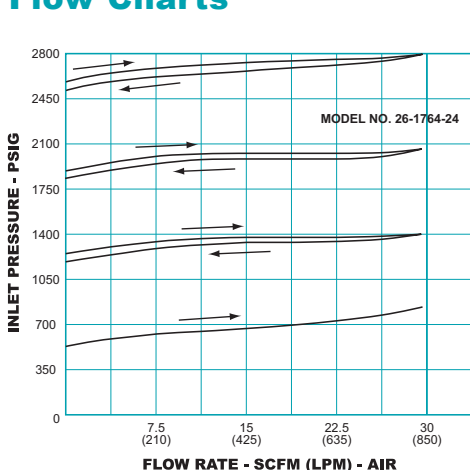
Advantages

- Accuracy: ±1% of relief pressure range
- NACE Compatibility optional
- Set point repeatability exceeds conventional relief valves
- Seven different relief pressure ranges
- Bubble-tight shut-off at all reseal pressures
- Safe and reliable piston-style sensor
- 200 - 15,000 PSIG control optional
- High flow C_v = .60 model optional
- Panel mounting standard
- Compatible with TESCOM Air Actuators and ER3000 Electropneumatic PID Controllers

26-1700 Series High Pressure/Back Pressure



Flow Charts



Part Number Selector

example part number:

26-17 6 4 - 2 4 [BLANK]

BASIC SERIES	BODY & BONNET MATERIAL	CONTROLLED PRESSURE RANGE	INLET & OUTLET PORT TYPE	INLET & OUTLET PORT SIZE	OPTIONS
26-17	6 - 316 Stainless Steel	1 - 200-10,000 PSIG 2 - 50-6000 PSIG 3 - 25-4000 PSIG 4 - 15-2500 PSIG 5 - 10-1500 PSIG 6 - 5-800 PSIG 7 - 5-500 PSIG	1 - SAE 2 - NPT 3 - MS33649 4 - High Pressure 6 - Medium Pressure	2 - 1/8" 4 - 1/4" 6 - 3/8" 8 - 1/2" *	[BLANK] - None - 065 - 316 Stainless Steel Wetted - 099 - 200-15,000 PSIG Control Range, $C_v = .02$ - 154 - $C_v = .02$ - 161 - Urethane O-Rings CO ₂ Service - 184 - $C_v = .60$, 5000 PSIG, 1/2" NPT Ports

* Available for NPT only.

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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