

Pharmpure™

maximum 500 PSIG in/ranges up to 100 PSIG out
spring loaded

PH-3200 Series

Specifications

- ❑ Operating Parameters
 - pressure rating per criteria of ANSI/ASME B31.3
 - maximum rated inlet pressure. 500 PSIG (35 bar)
 - outlet pressure ranges. 0-25, 0-50, 0-100 PSIG
(0-1.7, 0-3.5, 0-7 bar)
 - design proof pressure 150% maximum
rated pressure
 - leakage internal: ANSI Class VI Shutoff
external: designed to meet $< 2 \times 10^{-8}$ atm cc/sec He
 - operating temperature (media only):
 - PTFE seat -40° F to +165° F
(-40° C to +74° C)
 - PEEK seat -40° F to +400° F
(-40° C to +204° C)
 - flow capacity $C_v = 1.8, 1.0$
 - ❑ Media Contact Materials
 - body 316L Stainless Steel
 - seat PTFE or PEEK
 - o-ring Ethylene Propylene
 - diaphragm 316 Stainless Steel
 - seat retainer Nitronic 60
 - remaining parts 316 Stainless Steel
- For other materials and modifications, please consult TESCO.*
- ❑ Connections
 - Sanitary Fittings
 - Tube Ends
 - High Purity Internal Connections (H.P.I.C.)
(gauge port only)
 - ❑ Cleaning CGA 4.1 and ASTM G93,
Clean Service Certificate of Compliance available
 - ❑ Weight (approximately). 3.5 lbs. (1.58 kg)

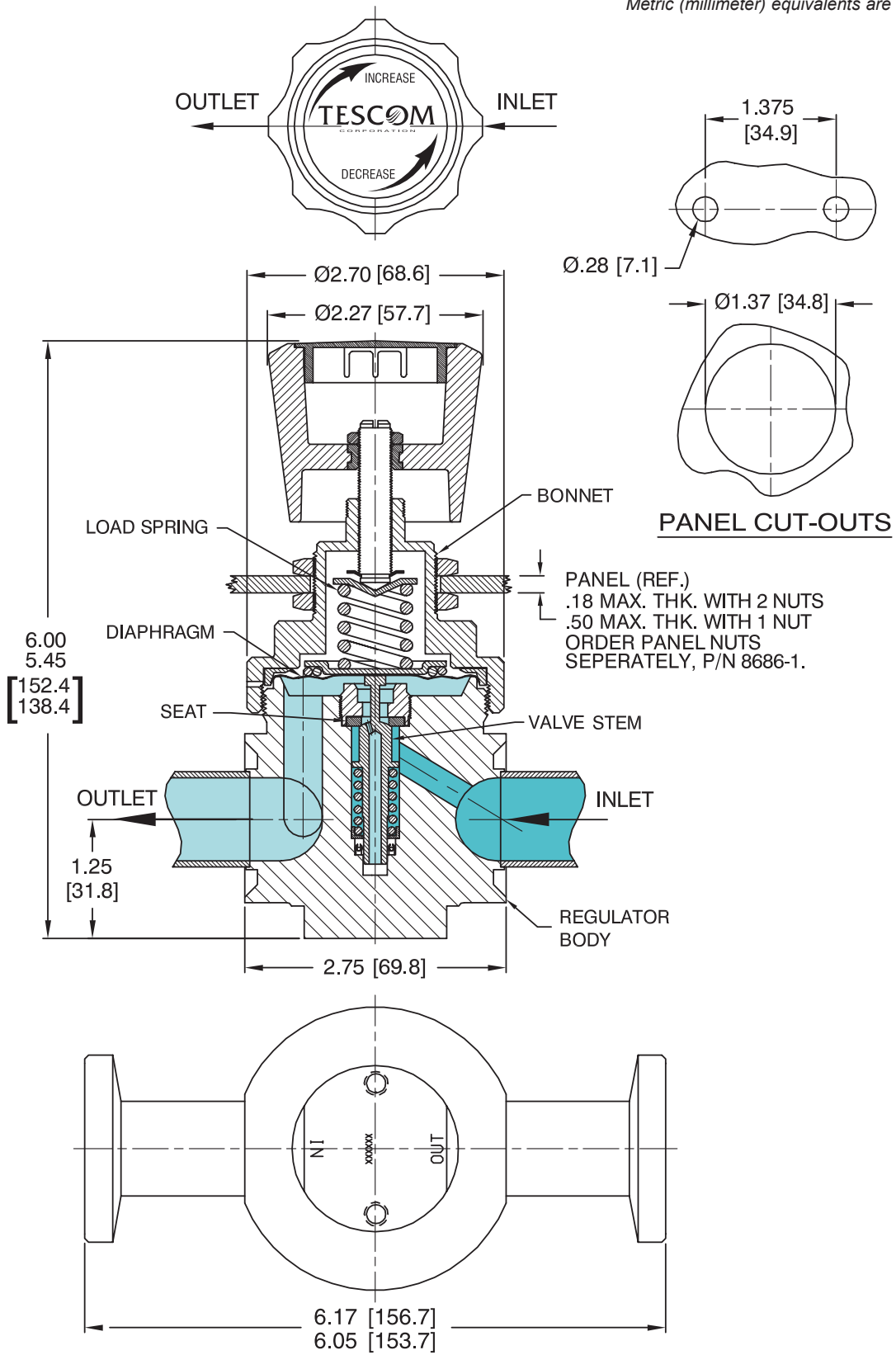
Pressure Conversion 14.2 PSIG = 1 kg/cm² 145 PSIG = 1 MPa



Advantages

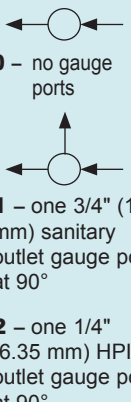
- 316L Stainless Steel barstock regulator body design
- FDA/USP compliant designs available
- Clean Service Certification of Compliance available: Includes actual material certification, weld records and bill of materials
- 15 or 32 R_a body surface finish standard
- Precise pressure control
- Specialty gas and clean steam applications
- Gauge port available

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



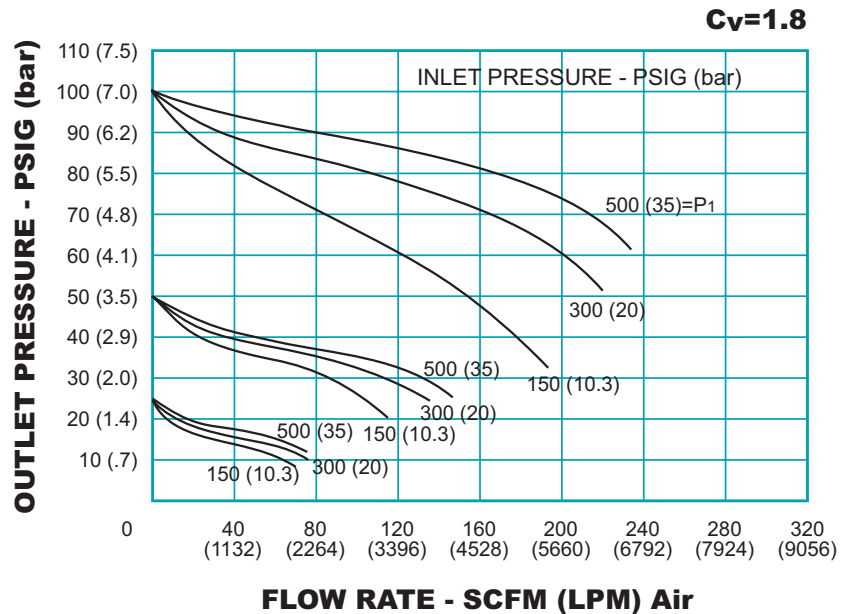
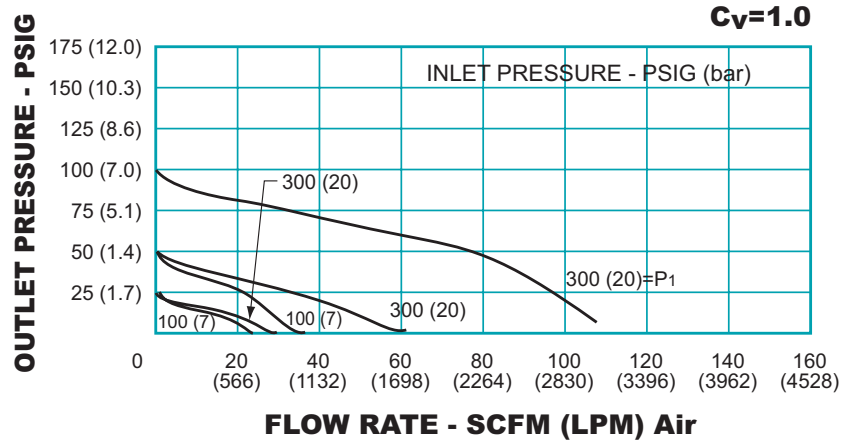
Part Number Selector

example part number:

BASIC SERIES	BODY MATERIAL	SURFACE FINISH	SEAT MATERIAL	SEAL MATERIAL	LOAD TYPE	OUTLET PRESSURE PSIG	IN & OUT PORT TYPE	IN & OUT PORT SIZE WALL THICKNESS	FLOW CAPACITY	GAUGE PORT OPTIONS	CERTIFICATE OF CONFORMANCE
PH-32	A - 316L	15 Ra	PTFE	E.P. o-ring	0 - Spring	0-25 (0-1.7 bar)	8 - Sanitary 9 - Tube	08 - 1/2" .500" OD x .065" wall 12 - 3/4" .750" OD x .065" wall	2 - $C_v=1.8$ 3 - $C_v=1.0$	 <p>0 - no gauge ports</p> <p>1 - one 3/4" (19 mm) sanitary outlet gauge port at 90°</p> <p>2 - one 1/4" (6.35 mm) HPIC outlet gauge port at 90°</p>	A - None B - Clean Service Certification
	B - 316L	15 Ra	PEEK	E.P. o-ring	1 - Spring	0-50 (0-3.5 bar)					
	C - 316L	32 Ra	PTFE	E.P. o-ring	2 - Spring	0-100 (0-7 bar)					
	D - 316L	32 Ra	PEEK	E.P. o-ring							

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

Flow Charts





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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