

DIFFERENTIAL PRESSURE CONTROLLER, DOME OG SPRING LOADED, PISTON SENSOR

44-4000 Serien Trykreducerende regulator

44-4000
44-4000 serien

- Max indgangstryk: 414 bar
- Max udgangstryk: 103 bar
- CV: 0.7, 2.0, 0.35
- Leak: Bubble-tight
- Body: AISI 303 SST, AISI 316 SST, Messing, Forkromet messing



PRODUKTBESKRIVELSE

Tescom 44-4000 Serien

Dome loaded, spring biased regulator som er designet til trykmålings applikationer for at bibeholde et konstant differential tryk. Venting giver regulatoren mulighed for at måle trykkets fald og stigning.

Applikationer

- Diving applications for emergency breathing air

Fordele

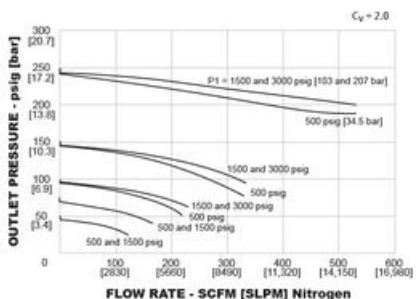
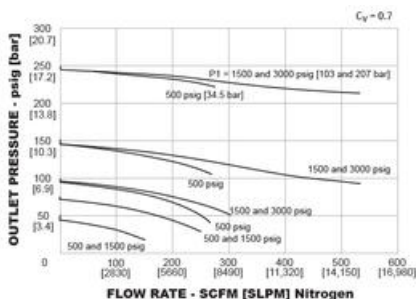
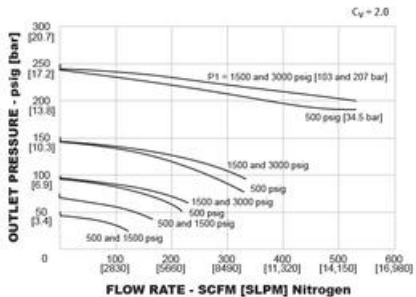
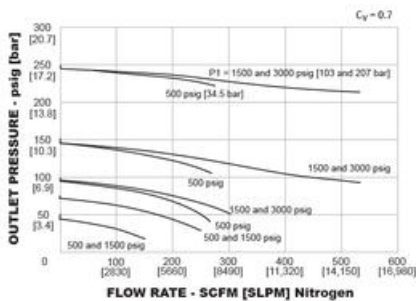
High flow: Cv = 0.7 or 2.0 (optional)

Piston sensor

Justerbar i forskellige bias trykområder

Venting (captured)

Kompatibel med Tescom's luft aktuator og ER5000 Electropneumatic Controllers



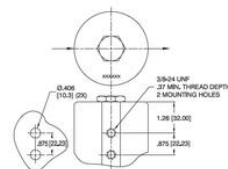
Example for selecting a part number:

DOME LOAD/SPRING BIAS									
44-40	1	9	E			2	12	DAL	MODIFICATION
			SEAT	GASKET	TEMPERATURE*				
44-40	1 - Brass 2 - 303 Stainless Steel 4 - 316 Stainless Steel 9 - Chrome-plated Brass	1 - 100 psig 2 - 200 psig 3 - 350 psig 4 - 120-150 psig 8.3-10.3 bar (brass only) 9 - 0-15 psig 0-1.0 bar (brass only)	A - Nitril B - Viton M - Ethylene Propylene P - FFKM Performance elastomer (dual cure) V - VM (brass only)	PCITE PCITE PCITE PCITE Polyimide (dual cure) Polyimide (dual cure) PCITE PCITE	PCITE PCITE PCITE PCITE PCITE PCITE PCITE PCITE	-157 to 1637 -26°C to 74°C -40 to 1637 -40 to 1637 -40 to 1637 -17°C to 74°C -157 to 1637 -26°C to 74°C	8 - BSP 1 - SAE 2 - NPT 3 - MS3549	8 - 1/2 12 - 3/4 NPT 3/4 SAE 3/8	484 - $C_v = 2.0$ 485 - $C_v = 0.7$ 486 - $C_v = 2.0$

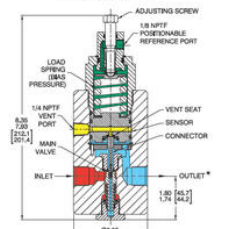
AIR LOAD									
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			SEAT	GASKET	TEMPERATURE*				
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*Bross body is limited to +200 °F (93 °C) maximum.

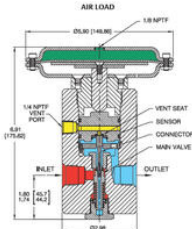
PANEL MOUNT DIMENSIONS



DOME LOAD/SPRING BIAS



AIR LOAD



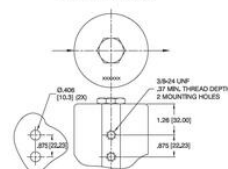
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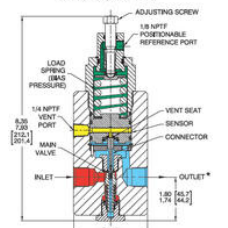
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PANEL MOUNT DIMENSIONS



DOME LOAD/SPRING BIAS



AIR LOAD

