

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

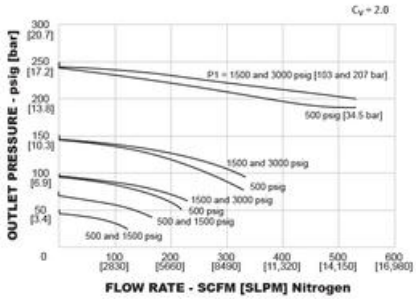
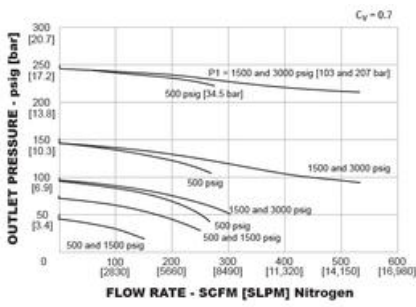
High flow: Cv = 0.7 or 2.0 (optional)

Piston sensor

Justerbar i forskellige bias trykkræder

Venting (captured)

Kompatibel med Tescom's luft aktuator og ER5000 Electropneumatic Controllers



Example for selecting a part number:

DOME LOAD/SPRING BIAS

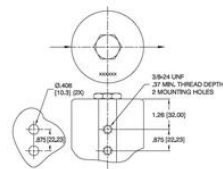
BASIC SERIES	BODY MATERIAL	MAXIMUM BIAS PRESSURE	SOFT GOODS			INLET AND OUTLET PORT TYPE		MODIFICATION OPTION
			O-RING	SEAL	GASKET	TEMPERATURE*	1	
44-40	1 - Brass 2 - 303 Stainless Steel 3 - 316 Stainless Steel 4 - 316L Stainless Steel 9 - Chrome plated Brass	1 - 100 psig 2 - 6.5 bar 3 - 200 psig 4 - 13.8 bar 5 - 350 psig 6 - 24.1 bar 7 - 120-150 psig 8.3-10.3 bar (maximum) 9 - 0-15 psig 0-1 bar	A - NBR (Std/A)	PCFE	PCFE	-15° to 165° -20° to 24° C	0 - BSP 1 - SAE 2 - NPT 3 - MS3549	002 - $C_v = 2.0$
			M - Ethylene Propylene P - FFKM Perfluoroelastomer (Std/A) V - NBR (Std/A)	PCFE	PCFE	0° to 165° -1° to 24° C -15° to 165° -20° to 20° C		

AIR LOAD

BASIC SERIES	BODY MATERIAL	OUTLET PRESSURE	SOFT GOODS			INLET AND OUTLET PORT TYPE		MODIFICATION OPTION
			O-RING	SEAL	GASKET	TEMPERATURE*	1	
44-40	1 - Brass 2 - 303 Stainless Steel 3 - 316 Stainless Steel	0 - 600 psig 0-4 bar 1 - 1500 psig 103 bar	A - NBR (Std/A)	PCFE	PCFE	-60° to 165° -20° to 24° C	0 - BSP 1 - SAE 2 - NPT 3 - MS3549	004 - No cable winding $C_v = 0.7$ 005 - No cable winding $C_v = 2.0$
			M - Ethylene Propylene P - FFKM Perfluoroelastomer (Std/A) V - NBR (Std/A)	PCFE	PCFE	0° to 165° -1° to 24° C -15° to 165° -20° to 20° C		

* Brass body is limited to +200 °F (93 °C) maximum.

PANEL MOUNT DIMENSIONS



DOME LOAD/SPRING BIAS

