

KUN TIL HYDRAULIK, SPRING, DOME OG AIR LOADED, PISTON SENSOR

54-2100 Serien Backpressure Regulator

54-2100
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- Max Indgangstryk: 1034 bar
- Pressure range: 0-34.5, 0-55.2, 0.69-103, 1.0-172, 1.7-276, 3.4-414, 13.8-690, 20.7-1034 bar
- Leakage: Maximum 2 drops/minute at 150 SUS at 2500 psig / 172 bar
- Temperaturområde: -26 til 74°C
- CV: 0.08



AIR LOADED



SPRING LOADED



DOME LOADED

PRODUKTBESKRIVELSE

TESCOM 54-2100 Serien

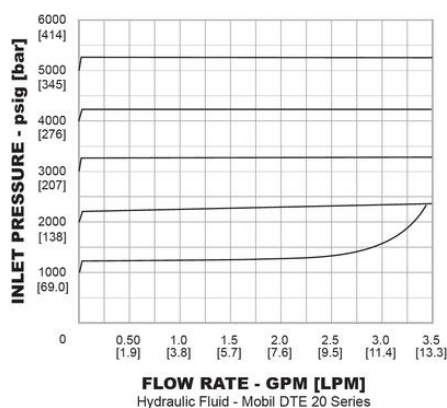
Backpressure regulator som kan bruges til væske applikationer op til 1034 bar. Den er også tilgængelig i med modifikationer for 1379 bar eller 2068 bar. Forstærket AISI 316 Stainless Steel seat og stem som giver et superænt wear resistance i hårde miljøer.

Applikationer

- Pump discharge pressure control
- Chemical injection
- Burst testing

Fordele

- Nøjagtighed $\pm 1\%$ af kontrol pressure range
- Nem at justere, low torque handknob kontrol, tilgængelig i dome og air loaded versioner
- Forstærket AISI 316 Stainless Steel seats
- Sikker og reliable piston-style sensor
- Panel montering som standard
- Kompatibel med pneumatiske aktuatorer og ER5000.



Example for selecting a part number:

54-21	6	1	D			2	4	
BASIC SERIES	BODY MATERIAL	INLET PRESSURE	SOFT GOOD MATERIAL			INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE	LOADING
			DYNAMIC	STATIC	SEAT			
54-21	6 - 316 Stainless Steel	0 - 1000 (0-138) psig (0-70.3 bar) 1 - 200 (0-27.6) psig (0-13.8 bar) 2 - 500 (0-69.0) psig (0-34.5 bar) 3 - 1000 (0-138) psig (0-70.3 bar) 4 - 1500 (0-207) psig (0-105.4 bar) 5 - 2000 (0-276) psig (0-141.4 bar) 6 - 3000 (0-414) psig (0-213.7 bar) 7 - 5000 (0-690) psig (0-359.2 bar) 8 - 10000 (0-1380) psig (0-717.4 bar)	D - 1000 (0-138) psig (0-70.3 bar) T - 200 (0-27.6) psig (0-13.8 bar) V - 1000 (0-138) psig (0-70.3 bar) Refractometer (0-138) psig (0-70.3 bar) K - 1000 (0-138) psig (0-70.3 bar) 2 - Effluent Propylene	Static: 1000 (0-138) psig (0-70.3 bar) Refractometer: 1000 (0-138) psig (0-70.3 bar) Propylene	17 - 3000 (0-414) psig (0-213.7 bar) 17 - 3000 (0-414) psig (0-213.7 bar) 17 - 3000 (0-414) psig (0-213.7 bar)	1 - 1/4" NPT 2 - 1/2" NPT 3 - 3/4" NPT 4 - 1" NPT 5 - 1 1/4" NPT 6 - 1 1/2" NPT 7 - 2" NPT 8 - 2 1/2" NPT	4 - 1/4" NPT 6 - 1/2" NPT 8 - 3/4" NPT 10 - 1" NPT 12 - 1 1/4" NPT	1 - Spring (optional) 2 - None 3 - Air 4 - Air 5 - Air 6 - Air 7 - Air 8 - Air

For extended temperature of high peak material, please consult TESCOM.

1. Available with 1/2" and 3/4" high pressure (1/2" and 3/4" medium pressure, 1/2" NPT only).
2. Not to be used with 1/2" NPT or 3/4" NPT (1/2" and 3/4" only).
3. 80 psi / 5.5 bar maximum loading pressure needed.

