

TWO-STAGE, GAS OG HYDRAULIK, SPRING, DOME OG AIR LOADED, PISTON SENSOR

54-3500 Serien Backpressure Regulator

54-3500
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- Max Indgangstryk: 690 bar
- Design Proof Pressure: 150% maximum rated
- Leakage: Internal & external: Bubble-tight
- Temperaturområde: -26 til 60°C
- CV: 0.08



PRODUKTBESKRIVELSE

TESCOM 54-3500 Serien

2.stage hydraulik backpressure regulator som reducere det kontrolleret indgangstryk over 2 steps. Den integreret 2.stage er self loading og justere sig selv til 50% af indgangstryk, uanset om enheden er spring, air eller dome loaded. Denne reduktion af differentialtryk per stage signifikant reducere den destruktive force of erosion og cavitation. En stor range af soft goods og ventil trim materials, inklusiv keramisk mulighed, som giver muligheden for medie specifikt regulering.

Applikationer

- High Pressure Hydraulic test benches
- Injection Valve Manufacturing & Testing
- Supercritical media applications
- Chemical injection

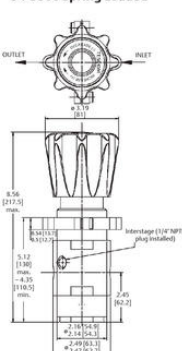
Fordele

- Længer levetid end single stage løsninger med reduceret erosion og cavitation
- Lavere cost of ownership
- Tescom valve trim modules med mange muligheder

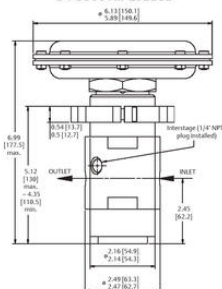
Example for selecting a part number:

BASIC SERIES	MATERIAL	INLET PRESSURE	SOFT GOODS MATERIAL	BACK	INLET OUTLET PORT TYPE	INLET OUTLET PORT SIZE	FLOW CAPACITY	SEAT MATERIAL	GASKET PORT OPTIONS	MOD
54-35	6	1	T	2	4	A	1	5	0	
54-35	6 - Stainless Steel	1 - 200 - 10000 psig 14 - 1000 bar 2 - 50 - 3450 psig 3.4 - 414 bar	B - Nitrile (Buna-N) T - PTFE (Teflon® AF) U - Urethane V - Viton® W - Polysulfone Z - EPDM Z - EP	UPRING PTFE PTFE PTFE PTFE	2 - NPT 4 - Medium Pressure	4 - 1/2" 6 - 1/2"	1 - Cv = 0.08 5 - 12.4	0 - PTFE 1 - 12.4 Stainless Steel 2 - Polysulfone (Gore®) 3 - Viton® 4 - PTFE	0 - NONE 001 - Ceramic Steel	

54-3500 Spring Loaded



54-3500 Air Loaded



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

