

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

54-3500 Serien Backpressure Regulator

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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 hydraulisk backpressure regulator som reducerer det kontrollerede indgangstryk over 2 steps. Den integrerede 2.stage er self loading og justerer sig selv til 50% af indgangstryk, uanset om enheden er spring, air eller dome loaded. Denne reduktion af differentialtryk per stage signifikant reducerer 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

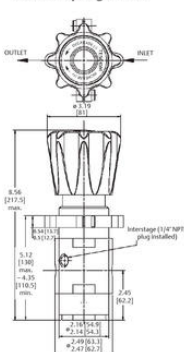
Fordele

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

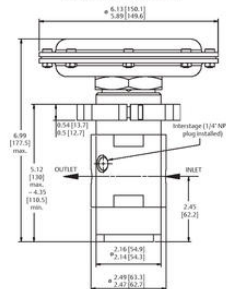
Example for selecting a part number:

BASIC SERIES	MATERIAL	INLET PRESSURE	SOFT GOODS MATERIAL	BACK	INLET OUTLET PORT TYPE	INLET OUTLET PORT SIZE	FLOW CAPACITY	SEAT MATERIAL	GAUGE PORT OPTIONS	MOD
54-35	G	1	T	2	4	A	1	5	0	
54-35	G - Stainless Steel	1 - 200 (10000) psig 14 - 900 bar 2 - 50 (3450) psig 3.4 - 63.4 bar	B - Nitrile, Buna-N T - Teflon (Viton®) P U - Urethane V - FKM W - Polytetrafluoroethylene Z - EPDM	UP RING PTFE PTFE PTFE	2 - NPT 6 - Nipples 4 - 1/2"	4 - 1/2" 6 - 1/2"	1 - Cv = 0.08 0 - RTFE 5 - 17.4 Stainless Steel 7 - Polytetrafluoroethylene 8 - PEEK	0 - NONE 001 - Ceramic Stone	001 - Ceramic Stone	

54-3500 Spring Loaded



54-3500 Air Loaded



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

