

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 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 ventilm 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:

54-35	6	1	T	2	4	A	1	5	0	
BASIC SERIES	MATERIAL	INLET PRESSURE	SOFT GOODS MATERIAL	BACK	INLET OUTLET PORT TYPE	INLET OUTLET PORT SIZE	FLOW CAPACITY	SEAT MATERIAL	CAUSE PORT OPTIONS	MOD
54-35	6 - Stainless Steel	1 - 200 - 10000 psig 14 - 1000 bar 2 - 50 - 10000 psig 3.4 - 690 bar	B - Nitrile-Buna-N T - FKM (Dinop [®] A) U - Isobutene V - FKM, Polysulfon (Dinop [®] SF) Z - EPDM	LIP RING P11E P11E P11E P11E	2 - NPTF 6 - Medium Pressure	4 - 1/2" 6 - 3/8"	1 - Cv = 0.08	0 - P11E 5 - 17.4 - Stainless Steel 7 - Polysulfon (Dinop [®] SF) 8 - PEEK	0 - NONE 001 - Ceramic Stem	

54-3500 Spring Loaded

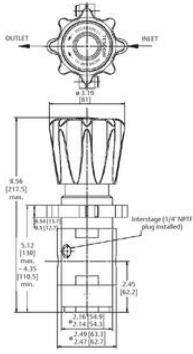
54-3500 Air Loaded

All dimensions are reference & nominal
Metric [inches] equivalents are in brackets

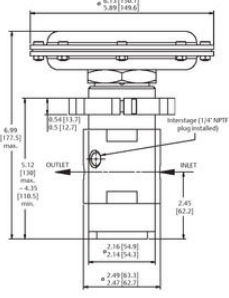
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54-3500 Spring Loaded



54-3500 Air Loaded



All dimensions are reference & nominal
Metric [in] in view [equivalents are in brackets]