

# PRISVENLIG, HØJ NØJAGTIGHED, SPRING OG DOME LOADED, DIAPHRAGM SENSOR

## 44-2900 Serien Backpressure Regulator

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- Pressure Range: 0-0.83, 0-1.7, 0-3.4, 0-6.9, 0-10.3 bar
- Design Proof Pressure: 150% maximum rated
- Leakage: Internal: Bubble-tight - External: Design to meet <math>< 2 \times 10^{-8}</math> atm cc/sec He
- Temperaturområde: -26 til 74°C
- CV: 0.30



## PRODUKTBESKRIVELSE

### TESCOM 44-2900 Serien

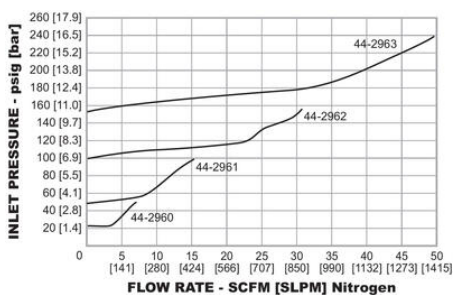
Backpressure regulator som er kompakt designet, med høj nøjagtighed og som er ideel til bruge til industrielle gasser med flows op til 20 SCFM / 566 SLPM. Den convoluted AISI 316 Stainless Steel diaphragm giver en superæn nøjagtighed og repeatability; metal to metal diaphragm seal minimere potentiallet for leakage.

### Applikationer

- R&D laboratories
- Process systems
- Pilot plants

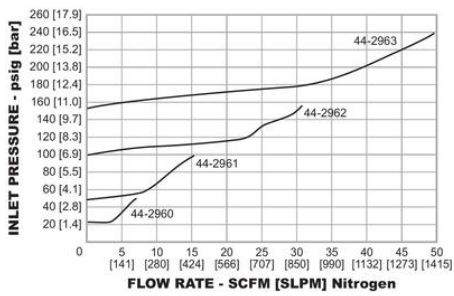
### Fordele

- 316 Stainless Steel diaphragm giver metal-to metal sealing integritet og god sensitivity
- Stor sensor seat areal ratio som giver en lav crack to reseal tryk differential og superæn repeatability
- Bubble-tight shutoff ved alle reseating pressures
- Flow capacity Cv = 0.3
- Panel montering som standard
- Ideel til non-korrosive og korrosive gasser



Example for selecting a part number:

44-29	6	2	T	2	4	A
BASIC SERIES	BODY MATERIAL	CONTROLLED PRESSURE RANGES	O-RING MATERIAL	INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE	GAGE PORT OPTIONS
44-29	6= 316 Stainless Steel	0 = 0.25 psig 0.1.7 bar 1 = 0.50 psig 0.3.4 bar 2 = 0.100 psig 0.6.9 bar 3 = 0.150 psig 0.10.3 bar 4 = 0.12 psig 0.8.3 bar	F = FKM (Viton® A) K = FFKM Perfluoropolyether (Kalor®)	2=HP1	4= 1/2"	A= No gage ports ←○→ F= 1/8" gage at 90° ←○→



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BASIC SERIES	BODY MATERIAL	CONTROLLED PRESSURE RANGES	O-RING MATERIAL	INLET AND OUTLET PORT TYPE	INLET AND OUTLET PORT SIZE	Gauge Port Options
44-29	6 - 316 Stainless Steel	0 - 0.25 psig 0 - 1.7 bar T - 0.50 psig 0 - 3.4 bar 2 - 0.100 psig 0 - 6.9 bar 3 - 0.150 psig 0 - 10.3 bar 4 - 0.12 psig 0 - 8.3 bar	T - FKM (Viton® A) K - FFKM Perfluoropolyether (Kalor®)	2 - 1/8"	4 - 1/4"	A - No gauge ports F - 1 inlet gauge at 90°

