

HIGH PRESSURE – PISTON-SENSED REGULATOR SERIES 3832

DESCRIPTION

The 3832 series regulators are designed for high pressure applications up to 2500 psig involving applications with inlet pressures up to 3000 psig. The series features a main valve with a Cv of 0.08.

FEATURES

- Capable of high flows with only a small pressure drop.
- Available in brass or stainless steel construction.
- Unbalanced stem provides positive shut-off.

APPLICATIONS

The 3833 series regulators are ideal to meet the requirements of systems where a high flow of gases needs to be delivered with good outlet pressure control.

SPECIFICATIONS

	3832	3832L
Max. Inlet Pressure:	3000 psig	3000 psig
Operating Temp. Range:	-40°F to +165°	-40°F to +165°
Flow Coefficient(Cv):	0.08	0.08
Inlet and Outlet:	1/4" NPT female	1/4" NPT female

MATERIALS OF CONSTRUCTION

	3832B	3832S
Body:	brass	316 SS
Bonnet:	nickel plated brass	nickel plated brass
Main Valve Assembly	Brass	316 SS
Main Valve Seat:	Kel-F	Kel-F
Seal:	Viton	PTFE (Teflon)
Gauges	Brass	Stainless Steel



3832

HOW TO ORDER***

Model Number	Del. Press. Range psig	Del. Press Gauge psig	Inlet Press. Gauge psig
3832B-250-CGA*	0-250	0-400	0-4000
3832B-500-CGA*	0-500	0-600	0-4000
3832B-1000-CGA*	0-1000	0-2000	0-4000
3832B-1500-CGA*	0-1500	0-2000	0-4000
3832B-2000-CGA*	0-2000	0-4000	0-4000
3832B-2500-CGA*	0-2500	0-4000	0-4000

Options:

Brass Diaphragm outlet valve installed: add suffix "DV" after model number.
Brass Packed outlet valve installed: add suffix "PV" after model number

3832S-250-CGA*	0-250	0-400	0-3000
3832S-500-CGA*	0-500	0-1000	0-3000
3832S-1000-CGA*	0-1000	0-2000	0-3000
3832S-1500-CGA*	0-1500	0-2000	0-3000
3832S-2000-CGA*	0-2000	0-3000	0-3000
3832S-2500-CGA*	0-2500	0-3000	0-3000

Options:

SS Diaphragm outlet valve installed: add suffix "DV" after model number.
SS Packed outlet valve installed: add suffix "PV" after model number

*Specify CGA connection when ordering.