

HIGH PRESSURE – PISTON-SENSED REGULATOR

SERIES 3832

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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.