

DOWNSTREAM PRESSURE REGULATOR

SERIES D62

Nirmal ™

Expertise that delivers



INTRODUCTION

Series D62 regulator is a lever type direct acting spring loaded regulator for applications where sudden flow capacity variations are required. Typical applications include industrial, commercial gas burner applications and combustion systems as well as Nitrogen blanketing and purging applications.

The regulators are designed to maintain low pressure with high inlet pressure upto 10.0 barg. These regulators has been devised keeping in mind the maintenance and ease of replacement of seals without removing the body from the pipeline.

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KEY FEATURES

- **Lever type** ensure constant downstream pressure irrespective of variation in inlet pressure and flow.
- **Glandless construction** ensure zero leakage resulting in improved sensitivity and repeatability of valve.
- **Orientation in 360° direction** : Regulator can be mounted in any direction and can be easily repositioned while in – Line.
- **Ease of maintenance** as regulator can be inspected without removing body from pipeline.
- **Tight shut-off capability** provides excellent tight shut-off over longer working life.

TECHNICAL SPECIFICATIONS

- **Valve Size** : 1½" (DN40) & 2" (DN50)
- **Body Rating** : 150# (Higher ratings on request)
- **End Connection** : Flanged (As per ASME B16.5)
- **Inlet Pressure** : 0.5 barg - 10.0 barg
- **Set Pressure Range** : 2.5 mbarg - 210 mbarg
- **Temperature Capabilities** : -45°C to 200°C with different elastomeric parts.

MATERIAL OF CONSTRUCTION

- **Valve Body*** : A216 Gr. WCB (Standard) / A351 Gr. CF8 / A351 Gr. CF8M
- **Spring Casing*** : A216 Gr. WCB
- **Trim Parts*** : Brass / SS 316 / SS 316L
- **Diaphragm** : Nitrile / EPDM / Neoprene / Fluoropolymer / Silicon / PTFE
- **Disc** : Nitrile / EPDM / Neoprene / Fluoropolymer / Silicon
- **O Ring** : Nitrile / EPDM / Neoprene / Fluoropolymer / Silicon
- **Spring** : Spring Steel

Note: * (NACE & Other Special Material available on request)

• ENQUIRY SPECIFICATIONS •

INLET PRESSURE	SERVICE FLUID
OUTLET PRESSURE	FLOW MIN./MAX.
LINE SIZE & RATING	MAX. TEMP.
SPECIFIC GRAVITY	BODY MOC
INTERNALS MOC	PERMISSIBLE DROOP
INSTALLATION (VERTICAL / HORIZONTAL)	

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