

CHOKE VALVES



Choke Valves offers unique solution for various choke applications & are used for control of high pressure well fluids/solids.

Our series 98000 meets the requirements of choke applications in oil production, gas injection, and sea water injection applications where pressure drops up to 400-500 bar are common. Our design incorporates various trim design from standard to Multi Stage trims which are manufactured from tungsten carbide or ceramic materials for better erosion resistance. Our choke valves designed & manufactured as per ASME B16.34 / API 6A standards, meet the requirement for Product specification Levels (PSL 1, 2, 3 & 4) temperature & ratings. Our range of choke valves is available with both screwed seat design & Quick change trim (Clamped design) options. If required valves can be manufactured with NACE compliance.

KEY FEATURES

- ✓ Robust in construction
- ✓ High flow capacity & range ability
- ✓ Choke valves body material can be Forged, Casted or Hipped
- ✓ Clamped, Bolted or Screwed bonnet design
- ✓ Various trims option from standard to Low Noise Ant cavitation trim options are available
- ✓ Linear & Equal Percentage inherent flow characteristics
- ✓ Heavy duty Cage Guided Construction
- ✓ Sand erosion resistant trim
- ✓ Metallic Scraper rings
- ✓ High toughness carbide trims
- ✓ Optional balanced or unbalanced plug designs
- ✓ Easy for maintenance (Clamped design)
- ✓ Available in wide range of end connections
- ✓ Wide range of actuator options

APPLICATIONS

- ▶ Chemical Injection
- ▶ Water Injection
- ▶ Gas injection & gas lift
- ▶ Production
- ▶ Multi-Phase flows
- ▶ High pressure drops etc

SPECIFICATIONS

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|------------------|--|-------------------|
| Sizes | 1" to 10" (25mm to 250mm) | |
| End Connections | RF, RTJ, BWE, SWE, Hub type & others on request. | |
| Ratings | ASME 600# to 4500# | API 3000 to 10000 |
| Trim Options | Single Stage, Multi-Stage, Multi-Turn Multi Path trims. | |
| Plug Options | Balanced, Unbalanced. | |
| Actuator Options | Pneumatic Spring return diaphragm type, Hydraulic Actuators, Electric Actuators or Manual Operated with side mounted hand wheel and piston type actuators. | |