

CHOKES MANIFOLD

Application

Sphinx® provides advanced flow control solution. Designed to meet the rigorous demands of oil and gas productions, our choke manifold ensures precise pressure control and reliable operation, even under extreme conditions.

Sphinx® Choke Manifold is indispensable for well testing and production. Sphinx® Provides Drilling and fracturing operations with a design built to handle the pressures of drilling and hydraulic fracturing. Controls fluid flow to ensure stability and minimize pressure surges.

Product Range

- ❖ Pressure Range : 5000 – 25000 PSI
- ❖ Configuration : 4-5 valve
- ❖ Temperature Range : -20°C to +250°C
- ❖ Sizes : 2-4 inches
- ❖ Sealing : Fixed-bean, Low-Torque and adjustable

Codes & Standards

Sphinx® Choke Manifold Systems are compliant to the following standards:

- ❖ API 6A : Wellhead equipment, including choke valves for oil and gas production.
- ❖ API 16C : Specification for flexible choke and kill hoses.
- ❖ NACE MR-01-75 : Petroleum and natural gas industries – materials for use in H₂S-containing environments in oil and gas production.
- ❖ ASME B31.3 : Govern the design and construction of pressure piping

Key Features

- ❖ Utilized advanced adjustable choke technology
- ❖ Offers dual flow paths
- ❖ Enables quick choke replacement without halting flow
- ❖ Compact design for efficient space usage





Sphinx Process Systems

Sphinx® Process Systems is a fully owned subsidiary of the Pyramid E&C group. Sphinx® offers a wide range of onshore and offshore oil and gas production equipment, utility and automation packages manufactured as per American standards. All our facilities are managed by ISO certified teams and the products are certified to ASME 'U' and UL compliance.

Oil & Gas Productions

- Separators
- Electrostatic Desalter
- Gas Sweetening Unit
- Gas Dehydration Unit
- Produced Water system
- Heater Treaters
- Joule Thompson skids

Utility Systems

- Hot oil systems
- Chiller packages
- Steam Generators
- Demineralized water system
- Air/ Nitrogen packages
- Fuel Gas Conditioning skids
- Chemical Injection systems

Automation Packages

- E-House
- Gas Fiscal Metering
- Liquids Fiscal Metering
- HIPPS
- Choke Manifold

Process Equipment

- Pressure Vessels
- Distillation Columns
- S&T Heat Exchangers
- Air Cooled HX
- Fired Heaters

Engineering & Manufacturing Locations

Mumbai, India

- Engineering
- Procurement
- Manufacturing
- FAT and Delivery
- Aftersales Support

Mundra, Gujarat

- Equipment Manufacturing
- Large skids Assembly
- Mundra all weather port access
- Loadout (1000 MT capacity)

Houston

- Process Design
- FEED Studies
- FAT and Delivery
- Aftersales Support



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