



ORIENTAL COMPRESSOR ACCESSORIES PVT. LTD.
PRECISION ENGINEERED IN INDIA



 P-46A, Radha Bazar Lane, Kolkata- 700001 , West Bengal, India

ORIENTAL ATTRIBUTES

QUALITY



SAP



PRICE 30% - 60% BELOW
INDUSTRY STANDARDS

WIDE RANGE OF
MAKES & MODELS

DELIVERY
24HRS - 8 WEEKS



HIGH CUSTOMER
SATISFACTION.



ORIENTAL'S NEW STATE OF ART MANUFACTURING FACILITIES FOCUSED MAINLY ON COMPRESSOR VALVES.

VISION AND MISSION

- **VISION :-** Oriental aims to be the premier global supplier of compressor valves and spares, offering top-notch, cost-effective products and services that enhance customer satisfaction.
- **MISSION :-** Oriental excels in compressor accessory design, reverse engineering, and production, emphasizing cost leadership, precision, and reliability. Constant tech progress and motivated employees ensure alignment with OEM quality standards.

ORIENTAL'S TOP LINE PRODUCT : RECIPROCATING VALVE

The valve in a reciprocating compressor is considered its heart. Success relies on using right material and manufacturing precision. It must endure pressures from vacuum to 10,000 PSIG at speeds up to 1500 rpm. Use of top quality materials as per API 618 standards ensure it's flawless, leak-proof performance and safety.



VALVES SUPPLIED TO OEMs & DIFFERENT INDUSTRIES

- METALLIC PLATE VALVE
- NON-METALLIC PLATE VALVE
- DISC / RING VALVE
- CHANNEL VALVE
- FEATHER VALVE
- POPPET VALVE
- REED VALVE



VALVE COMPONENTS

- Compressor valve internal components are manufactured by ORIENTAL to take care simultaneous impact stresses imposed by a large number of cycles and environmental stresses such as high temperature, corrosive gases, entrained liquids, gas pulsations etc.
- ORIENTAL uses a wide range of materials like graded cast iron, carbon steel, stainless steel, non-ferrous alloys, different types of thermo plastic including PEEK, Polyamide etc. for different work environment according to Customer's requirement.
- ORIENTAL provides all types of metallic & non metallic valve plates, poppets, coil springs made of 17/7PH, NIMONIC.



DESIGN AND DEVELOPMENT

- 'ORIENTAL' is well-known among actual users for its capability of design and development. In-house design and drawing capabilities employing the most recent design softwares, such as Auto-Cad, Solidworks, etc. Support over 58 years of expertise. 'ORIENTAL' has used appropriate materials and enhanced designs to overcome a number of important valve issues.



MANUFACTURING PROCESS

'ORIENTAL' is an ISO 9001:2015 certified organization equipped with comprehensive in-house precision engineering capabilities. Our facilities encompass a range of advanced CNC & NC machines, such as AMADA JAPAN Laser Cutting machine, Band saws, Heat-treatment furnaces, CNC Turning Center, Vertical Machining Centers, Shot peening machine, Grinding & Fine grinding machines, Lapping machine, Deburring machine, and Precision Lathes, all committed to delivering top-quality solutions.



PRECISION & VERSATILITY : RANGE OF LASER CUTTING, CNC & VMC MACHINES



QUALITY ASSURANCE & TESTING

ORIENTAL ensures impeccable quality products with rigorous inspections: chemical composition, ultrasound flaw detection, optical flatness, hardness, and surface roughness tests. Only flawless materials are used, and various testing certificates are provided. Calibrated equipments are used to examine every component at every production stage.

IDENTIFICATION AND TRACEABILITY

'ORIENTAL' has its own in-house facility for identification and traceability of each component by using Laser Engraving machine.



STORAGE AND INVENTORY CONTROL

'ORIENTAL' diligently maintains a comprehensive and well-structured inventory management system, a crucial pillar supporting our supply chain operations. This meticulously organized system enables us to consistently meet our commitment of delivering materials to our valued customers punctually and without delays.

