

ALTUS-SEAL



CBFG

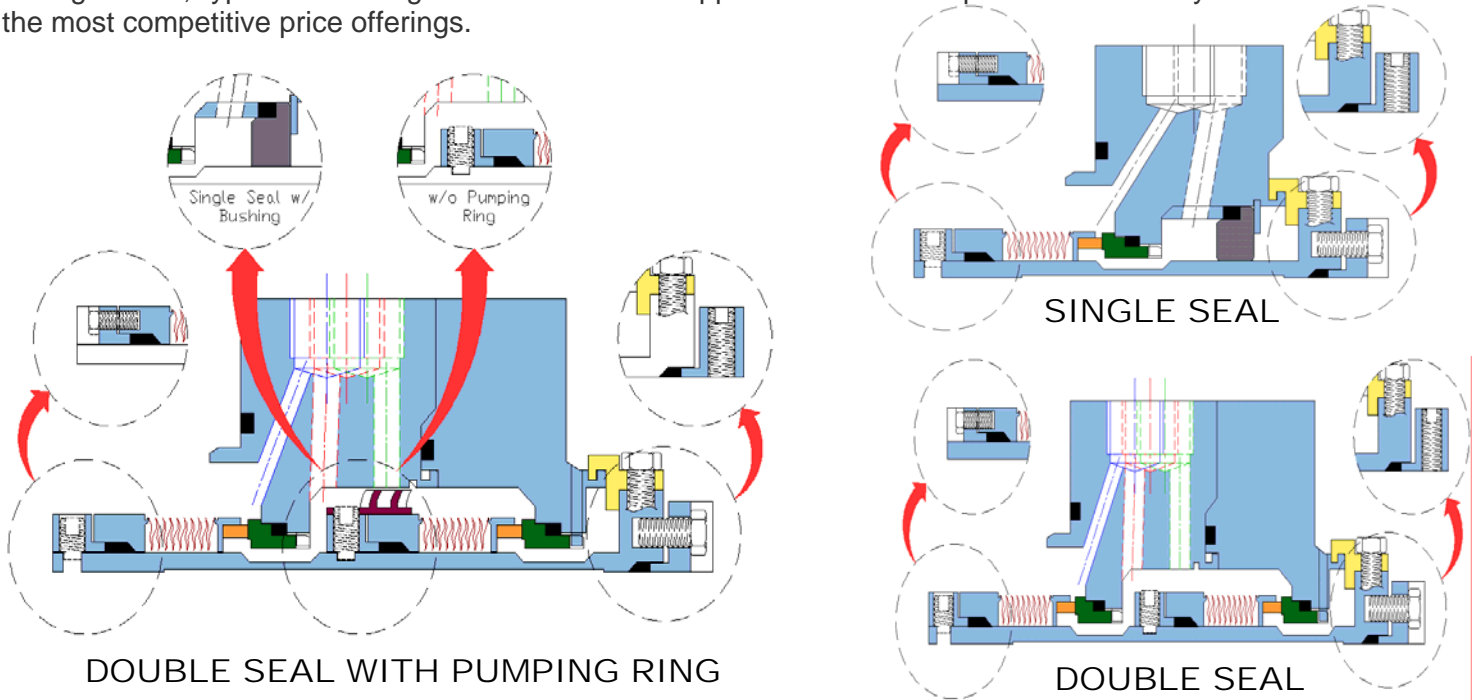
API 610/682 Metal Bellows Full Graphite



The Seal of choice for petrochemical plants, oil refineries, chemical plants & power plants

MODULAR DESIGN

All the ALTUS-SEAL API range of seals utilizes the modular cartridge design. One modular design is the basis for the other different seal types. This means a minimum range of components details a maximum possible seal arrangements, types and configurations for all API applications. This helps reduce delivery time and leads to the most competitive price offerings.



BELLOWS DESIGN THAT SURPASS SPECIAL REQUIREMENTS

Our bellows design eliminates the problem of “hang up” which causes sluggish response in spring-loaded seals. Effective contact of sealing faces is maintained despite shaft movement and run-out.

The seals in this range are inherently pressure-balanced requiring no steps in shafts or sleeves. Additional cost and machining are eliminated.

HEAT RESISTANT CONSTRUCTION

Seals are designed for hard-to-seal pumps handling fluids such as heat transfer media, high temperature hydrocarbons and various thermosetting and viscous media. They run hot and clean.

The ALTUS-SEAL APIC-682/MBFG range uses graphite rings in all primary sealing surfaces eliminating the need for elastomers. Elastomer-free design accommodates temperature as high as 425°C /800°F.

SEAL SPECIFICATIONS

Maximum Pressure	20 bars/300 psi
Maximum Temperature	-75°C/-100°F to 425°C/800°F
Maximum Speed	4000 RPM
Available Faces	Carbon, TC, SiC
Secondary Seals	Graphite / Grafoil
Bellows	AM350, Hastelloy C276 & Inconel
Metal Parts	SS316, Hastelloy C276, & Titanium