



sealmatic®

Sealmatic Successfully Delivers Type B750N Single Mechanical Seal For A Crude Oil In A Refinery Application

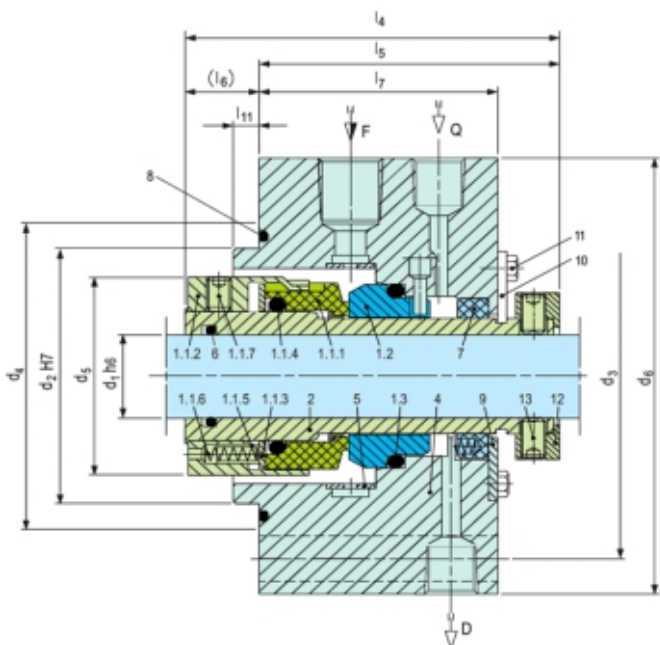
The processing of crude oil in refineries is a complex and multi-stage process in which crude oil is transformed into refined, high-quality end products or feed materials for petrochemical industry. Sealing technology for such diverse applications have to meet challenges in various respects; risk of insufficient lubrication and dry running, media with a diversity of physical properties, high and low temperature ranges and the handling of hazardous substances and all other conditions which need to be controlled with absolute reliability. With a comprehensive range of API-compliant quality seals and supply systems Sealmatic is playing a key role towards ensuring the reliability and safety of refinery processes.

Operating Parameters Of Type B750N Single Mechanical Seal For A Crude Oil In A Refinery Application									
Sr No	Seal Type & Size	API Plan	Media	Temperature (°C)	RPM	Suction Pressure (kg/cm ²)	Discharge Pressure (kg/cm ²)	Vapor Pressure	Specific Gravity
1	91-B750N/80-G917	11,62	Crude Oil	44°C	3560	1.8 kg/cm ²	44.3 kg/cm ²	0.37 kg/cm ²	0.8891

We are pleased to announce that Sealmatic has successfully executed an order and has delivered the said mechanical seal to meet the demanding operating conditions as mentioned above, thus bringing areas of design, operation, and maintenance with a view to achieve the highest safety standards in a cost-effective manner.

Sealmatic Type B750N Single Mechanical Seal

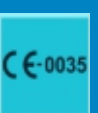
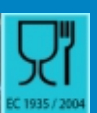
Mechanical Seal Type B750N is a single cartridge balanced mechanical seal and independent of direction of rotation, basically employed for refinery application. Type B750N can handle extensive applications in various temperatures and pressures. Moreover, the material of construction is available in special metallurgy.



Performance Capabilities

- Sizes: d = Upto 110 mm (Upto 4.250")
- Pressure: p1 = 40 bar (580 PSI)
- Temperature: t = -40 °C...+220 °C (-40 °F...+428 °F)
- Speed = 23 m/s (75 ft/s)
- Permissible axial movement: ± 2.0 ... 4.0 mm depending on diameter and installation situation

API SPEC Q1. ISO 9001:2015. ISO 14001:2015. ISO 45001:2018. EU 1935:2004. ATEX - 2014/ 34/EU. REACH & RoHS. PED-CE. GMP



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