



sealmatic®

Sealmatic Successfully Delivers Mechanical Seal Type B750VK Dual Seal For Oil & Gas Application

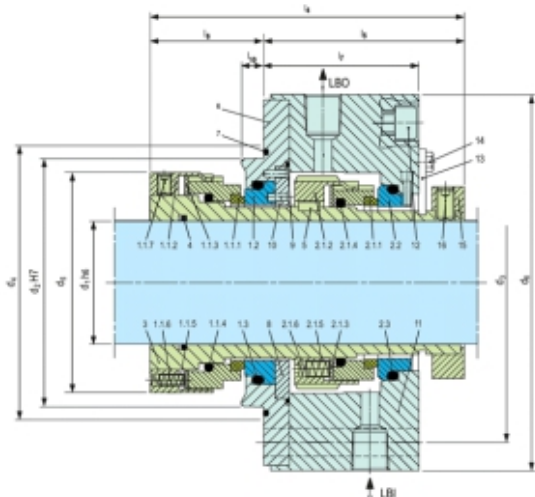
The processing of crude oil in refineries is a complex and multi-stage process in which crude oil is transformed into refined, high-quality end products or feed materials for refinery industry. Sealing technology for such diverse applications have to meet challenges in various respects; risk of insufficient 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.

Operating Parameters Of Type B750VK Dual Mechanical Seal								
Sr No	Seal Type	RPM	API Plan	Media	Temperature (°C)	Stuffing Box Pressure (kg/cm ²)	Suction Pressure (kg/cm ²)	Discharge Pressure (kg/cm ²)
1	91-B750VK/53-PTa3 R1	2895	02,53B	Produced Water	57.10°C	0.42 kg/cm ²	0.06 kg/cm ²	2.47 kg/cm ²
2	91-B750VK/53-PTa3-A1 R1	2895	02,53B	Produced Water	57.10°C	0.38 kg/cm ²	0.02 kg/cm ²	2.47 kg/cm ²
3	91-B750VK/63-PTa2 R1	2935	02,53B	Produced Water	57.10°C	1.54 kg/cm ²	1.03 kg/cm ²	4.46 kg/cm ²
4	91-B750VK/63-PTa3 R1	1465	02,53B	Produced Water	57.10°C	0.65 kg/cm ²	0.32 kg/cm ²	2.28 kg/cm ²
5	91-B750VK/75-PTa8 R1	1455	02,53B	Produced Water	57.10°C	0.31 kg/cm ²	- 0.05 kg/cm ²	2.36 kg/cm ²
6	91-B750VK/90-PTa7 R1	1465	02,53B	Produced Water	57.10°C	- 0.6 kg/cm ²	- 0.04 kg/cm ²	4.08 kg/cm ²

As per the above-mentioned operating parameters. We are pleased to announce that Sealmatic Type B750VK Dual Mechanical seal have been successfully installed for refinery application. Thus, 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.

Sealmatic Type B750VK Dual Mechanical Seal

Type B750VK is a balanced cartridge mechanical seal suitably designed for refinery application, the design of the mechanical seal is in accordance to API 682 standards. Type B750VK can handle extensive applications in various temperatures and pressures, the rotary unit is with the multiple springs and the seal is independent direction of rotation.



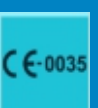
Performance Capabilities

- Sizes: d1 = 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.

Typical Industrial Applications

- Light volatile and highly viscous hydrocarbons
- Oil and gas industry
- Petrochemical industry
- Refining technology
- API 610 / ISO 13709 pumps
- Process pumps

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



January 10th 2023

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