

Sealmatic Successfully Delivers Type U740 Double Mechanical Seal At A Steel Plant

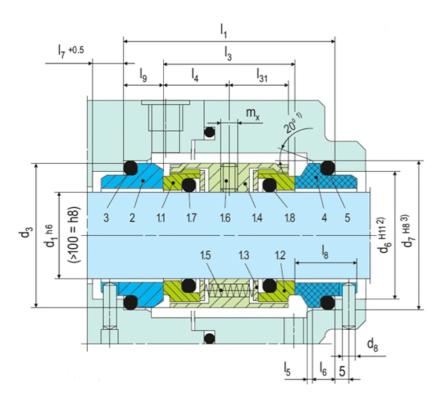
The sealing materials employed in the steel industry to produce pig iron and steel need to be capable of coping with the large array of media, many of them explosive or toxic and others which could become when mixed. On the other hand, they should also help optimize processes and thus be of advantage where the economic aspects are concerned as well. From non-critical sealing points — for which standard solutions are deployed — right through to highly complex system solutions required where particularly difficult operating conditions are concerned.

We are pleased to inform that Sealmatic Type U740 double mechanical seal has been successfully installed in a steel plant as per the below mentioned operating parameters. Hence, providing safety in operation, offering tailor made solutions and maintenance with a view to achieve highest efficiency.

Operating Parameters						sealmatic [®]	
Sr No	Seal Type	Media	Temperature (°C)	RPM	Suction Pressure (kg/cm²)	Discharge Pressure (kg/cm²)	API Plan
1	91-U740S-D/200- GS50-G912 (DE)	Carbon Monoxide	130°C	600	1.06 kg/cm ²	1.90 kg/cm ²	54
2	91-U740S-D/200- GS50-G913 (NDE)	Carbon Monoxide	130°C	600	1.06 kg/cm ²	1.90 kg/cm ²	54

Sealmatic Type U740 Double Mechanical Seal

Type U740-D is a double seal configuration and unbalanced design mechanical seal which is mainly employed for plain shafts, it provides with multiple or wave springs rotary construction, and offers the availability of versatile torque transmission. Type U740-D is also capable of self-cleaning and can be employed for low solids content as well.



Performance Capabilities

Sizes: d1 = Upto 200 mm (Upto 7.875")

Pressure: p1 = 25 bar (363 PSI)

Temperature: $t = -50 \,^{\circ}\text{C} ... + 220 \,^{\circ}\text{C} (-58 \,^{\circ}\text{F})$

... + 428 °F)

Speed = 20 m/s (66 ft/s)
Permissible axial movement:
d1 up to 100 mm: ± 0.5 mm
d1 from 100 mm: ± 2.0 mm

August 20th 2022

API Spec Q1 Registered





