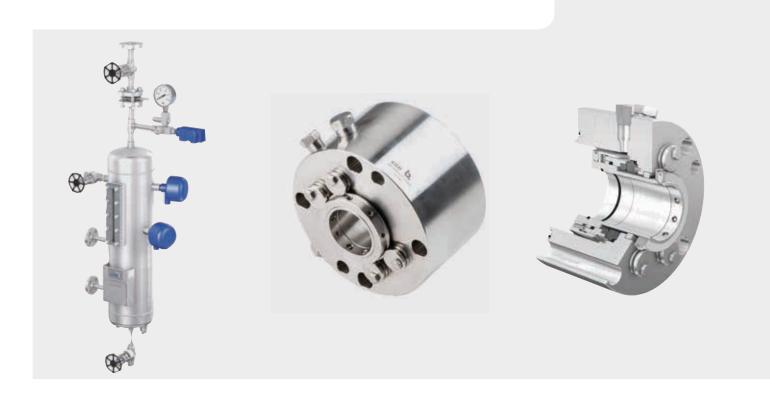




Mechanical seals and systems to API 682



High operating pressures, extreme temperatures and aggressive fluids place a wide range of exacting and diverse demands on a seal, thereby influencing the operating reliability of the pump and system. KSB offers a complete spectrum of individual sealing solutions for every application ensuring maximum operating reliability.

Mechanical seals and systems provided by KSB meet the requirements of API 682 and form a perfectly matched system together with the pump.

Various mechanical seal supply systems to API 682 (Plan 23, Plan 52, Plan 53A and Plan 53B) are available as standard. All further systems can be provided on request.

The KSB portfolio comprises springloaded seals (type A) and metal-bellows seals (type C) for high-temperature applications. This means we can cover the entire range of applications as specified in

API 682. Our all-in packages offer customers solutions for all their requirements: all-in-one solutions from a single-source. At KSB, you will receive the mechanical seal – the pump's most important spare part – within a very short delivery time.

More than 3000 service specialists in over 170 service centres around the globe provide fast and reliable service for pumps and components. With this range, KSB is able to offer tailored solutions for zero-leakage handling even under

high loads, ensuring perfectly tight and reliable sealing of the pump. Capable of withstanding extreme application requirements, our mechanical seals offer long service life and reduced maintenance costs as a result.

Contact:

Martin Kunze
Eva Ollert
TSS_PE_Mechanical.Seals@ksb.com

KSB standard mechanical seals to API 682, 3rd edition and 4th edition

(for non-API pumps)	
Technical description	
Туре	A
A	1 2 1 2

Category I

Cate	gor	y II
(for	API	pumps)

Technical description

Category III (for API pumps) **Technical description**

Materials

Technical description		
Туре	А	
Arrangement	1, 2 and 3	
Design	Cartridge	

recrimear description	
Туре	A, C
Arrangement	1, 2 and 3
Design	Cartridge

Туре	A, C
Arrangement	1, 2 and 3
Design	Cartridge

lechnical data	
Shaft ø	Up to 120 mm
Pressure	Up to 22 bar
Temperature	-40 to 176 °C

to API 682 available

Technical data		
Shaft ø	Up to 120 mm	
Pressure	Up to 42 bar	
Temperature	-40 to 400 °C	

Technical data	
Shaft ø	Up to 120 mm
Pressure	Up to 42 bar
Temperature	-40 to 400 °C

iviateriais		iviateriais	
Standard	AQ2VMG or AQ2KMG Q2Q2VMG or Q2Q2KMG	Standard	AQ2VMG or AQ2KMG Q2Q2VMG or Q2Q2KMG AQ2GM6T4 or Q2Q2GM6T4
All material co	ombinations acc.	All material	combinations acc.

AQ2VMG or AQ2KMG Standard Q2Q2VMG or Q2Q2KMG AQ2GM6T4 or Q2Q2GM6T4

All material combinations acc. CC. to API 682 available to API 682 available

Other conditions than specified above can be approved on request. The complete range to API 682 can be supplied for projects if required.



