



Centrifugal Pumps

KSMKM Range

Mechanical Sealed API - BB2 Pumps

DESIGN SUMMARY

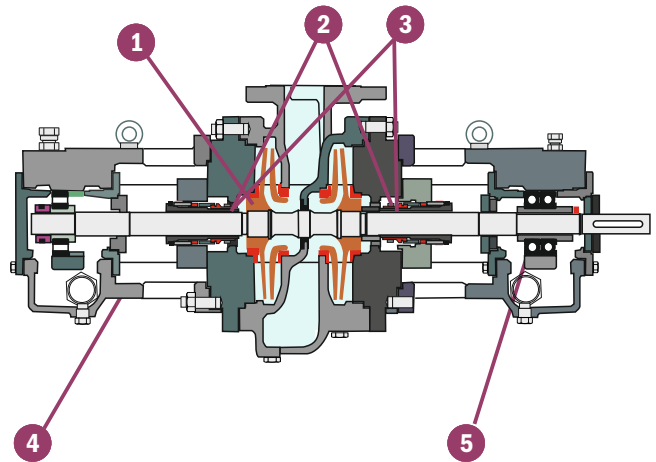
Standards	API 610 BB2
Configuration	Horizontal long coupled
Motors	IE2, IE3
Seal Type	Single and Double Mechanical Cartridge, API Plans, Packing

SPECIFICATIONS

Maximum Temp	450 °C
Minimum Temp	-100 °C
Max Flow	1,900 m ³ /hr
Max Head	400 m
Max Pressures	50 bar total system
ATEX	Yes

MATERIALS

	Standard	Options
Rear Casing	Carbon Steel	SS, Duplex, S. Dup
Front Casing	Carbon Steel	SS, Duplex, S. Dup
Impeller	Carbon Steel	SS, Duplex, S. Dup
Shaft	Duplex	Super Duplex
Wear Rings	Duplex	Super Duplex 316 SS
Seal	API 11/52, 53 ABC many other options available	
API Materials:	S5, S6, S8, C6, A8, D1, D2	



DESIGN FEATURES

KSMKM pumps to the latest addition of API 610 that offer extremely robust and long lasting process pumps.

- 1 Statically and dynamically balanced impellers supported by front and rear bearings.
- 2 Seal areas lubricated by fluid at discharge pressure.
- 3 A very wide range of seals and seal systems can be accommodated.
- 4 Thick wall sections to give high levels of corrosion resistance and mechanical strength.
- 5 Double angular contact ball bearings guaranteed for 100,000 hrs life.
- 6 Centre lined mounted that allows pipe stresses to be directly transmitted to the baseplate and greater tolerance of thermal movement.

KSMKM pumps are available magnetically driven to API 685 and supplemented by the SMKM OH2 range.