

## Metal bellows compact seal suitable for Sundyne Pumps





The medium lubricated metal bellows compact seal **type KPB** is specially designed for the application in Sundyne high speed centrifugal pumps.

Identical dimensions with the original seals allow easy installation and interchangeability.

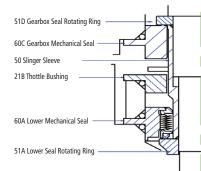
By using a welded flexible metal bellows a secondary seal (e.g. dynamic o-ring etc.) and the seal springs are no longer necessary thus avoiding any possible fretting damage or seal hang up.

The metal bellows compact seal **type KPB** makes a considerably contribution towards reducing down time and maintenance cost.

Two seal sizes are available:

## KPB-317 - lower mechanical seal, Pos. 60A KPB-381 - upper mechanical seal, Pos. 60B

## Single Seal Arrangement



Specific weight:  $\geq 0,65 \text{ kg/dm3}$ 

max. 20barg -50°C to + 300°C

max. 22.000 rpm

**Operation limits** 

Pressure:

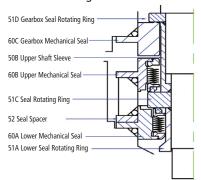
Temperature: Speed:

MALCOLM THOMPSON

Tanueni Sear Arrangement		
51D Gearbox Seal Rotating Ring   60C Gearbox Mechanical Seal   50B Upper Shaft Sleeve   60B Upper Mechanical Seal   51B Seal Rotating Ring   Sleeve Assy.   60A Lower Mechanical Seal   52 Seal Spacer		
51A Lower Seal Rotating Ring		

Tandom Soal Arrangement

Double Seal (Face to Face) Arrangement



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Standard materials			
Seal face:	carbon resin impr.		
Metal bellows:	AM 350		
Other components:	stainless steel		

further materials on request

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