

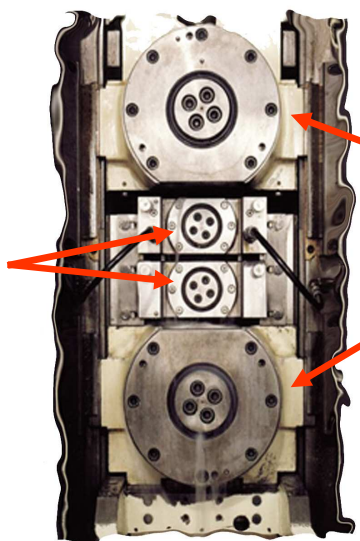



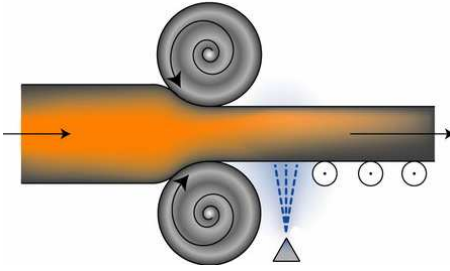
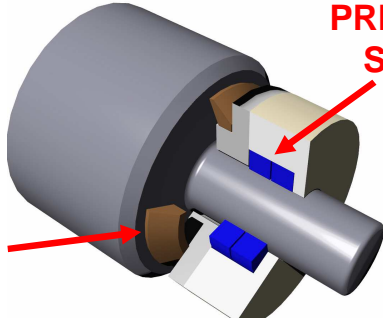


STEEL MILL APPLICATION

SEALING ARRANGEMENTS
FOR HOT AND COLD ROLLING MILLS

SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

With 30 years of experience Lk technik can offer to their customers reliable solutions for any sealing problem in hot and cold rolling mills, present in all the process for the production of primary metals.

 <p>WORK ROLLS (rotary shaft oil seal)</p> <p>BACK-UP ROLLS (rotary shaft oil seal)</p>	 	 
<p>BACK-UP AND WORK ROLLS</p>	 <p>PRIMARY SEAL</p> <p>SECONDARY SEAL</p>	<p>PRIMARY SEAL Rotary shaft seal to retain oil or grease for bearing lubrication.</p> <p>SECONDARY SEAL V-ring to protect the primary seal from dust or other contaminants inclusion.</p>

A SOLUTION FOR ANY TYPE OF SEALING PROBLEM

SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

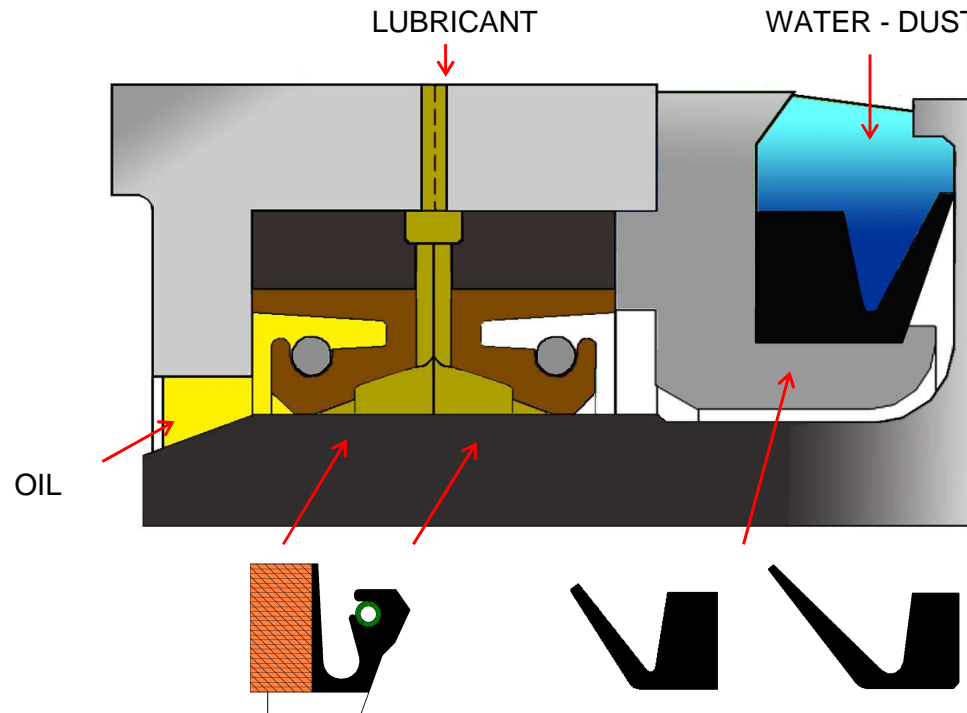
OUR SOLUTIONS

On the base of the different working needs, LK technik has the right sealing solution to guarantee the best possible result.



DA

Textile rubber oil seal, with lubricating grooves. Strong and flexible, suitable for non-critical applications, and “back to back” installations.



DA OIL SEAL

(TO BE INSTALLED WITH A RETAINING PLATE)

V RING A or V RING E



V-RING

All rubber front seal, available in different profiles.

SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

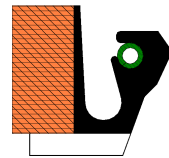
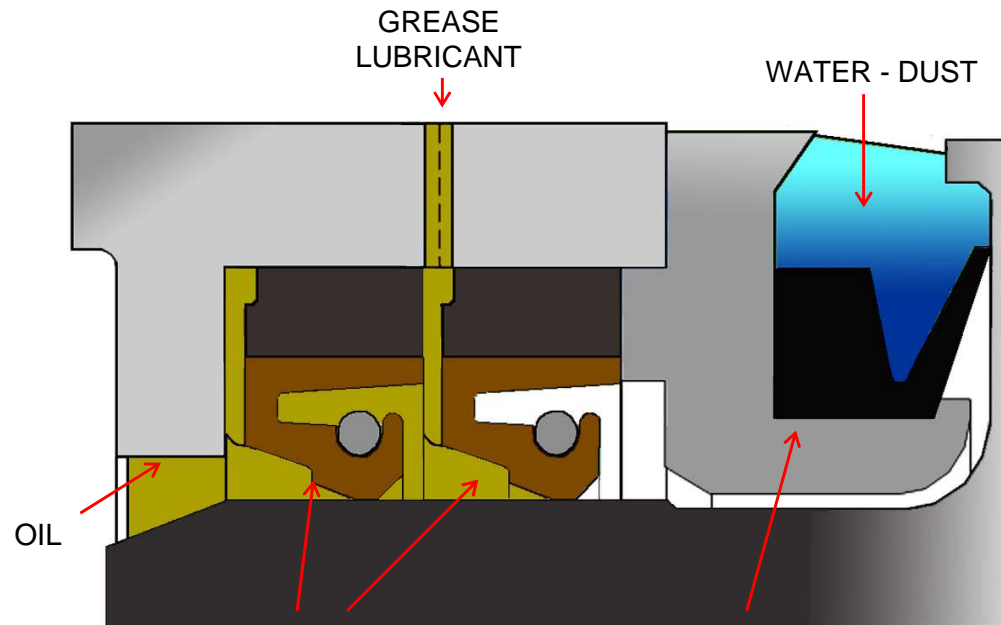
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SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

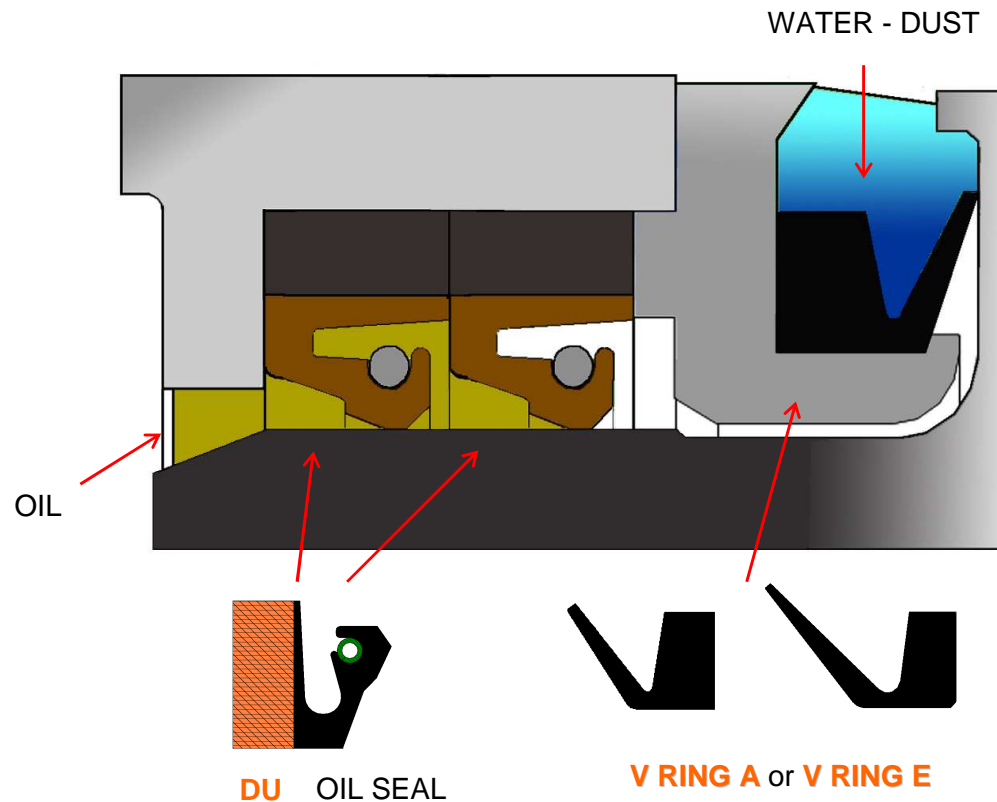
OUR SOLUTIONS

On the base of the different working needs, LK technik has the right sealing solution to guarantee the best possible result.



DU

Textile rubber oil seal, strong and flexible, suitable for non-critical applications, and "tandem" installations.



(TO BE INSTALLED WITH A RETAINING PLATE)



V-RING

All rubber front seal, available in different profiles.

SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

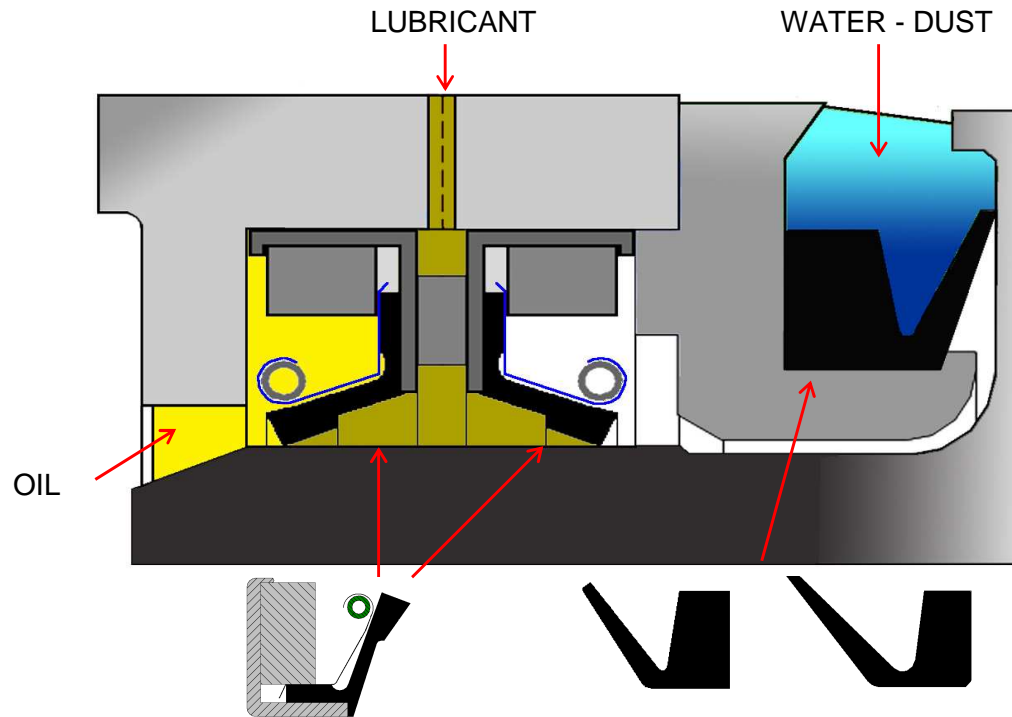
OUR SOLUTIONS

On the base of the different working needs, LK technik has the right sealing solution to guarantee the best possible result.



LBM

Special oil seal, ideal for critical operating conditions, where high speed, and high misalignment occur.



LBM OIL SEAL WITH SPACERS

V RING A or **V RING E**



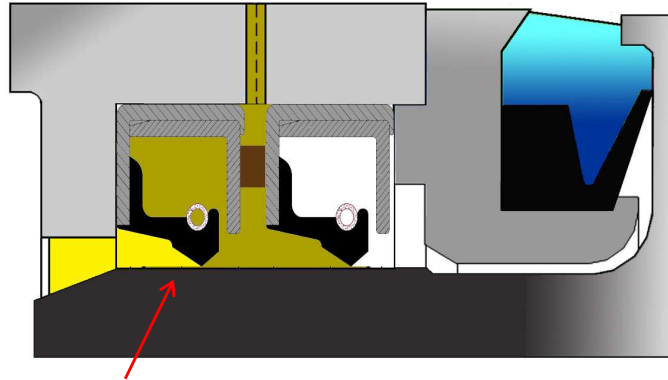
V-RING

All rubber front seal, available in different profiles.

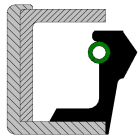
SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

OUR SOLUTIONS

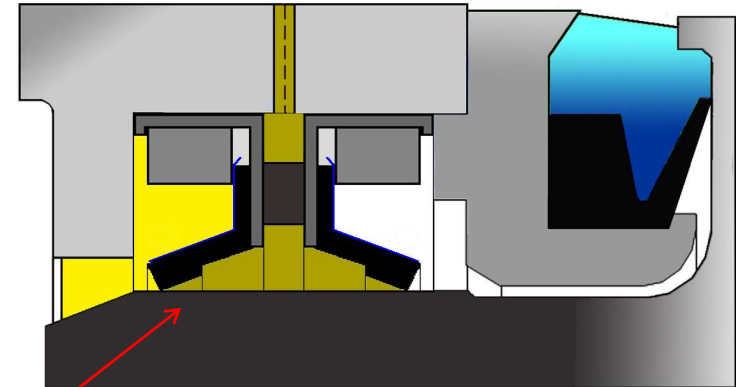
On the base of the different working needs, LK technik has the right sealing solution to guarantee the best possible result.



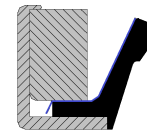
LB



Special strong oil seal, ideal for oil retention in the assembling in houses with strict tolerances.



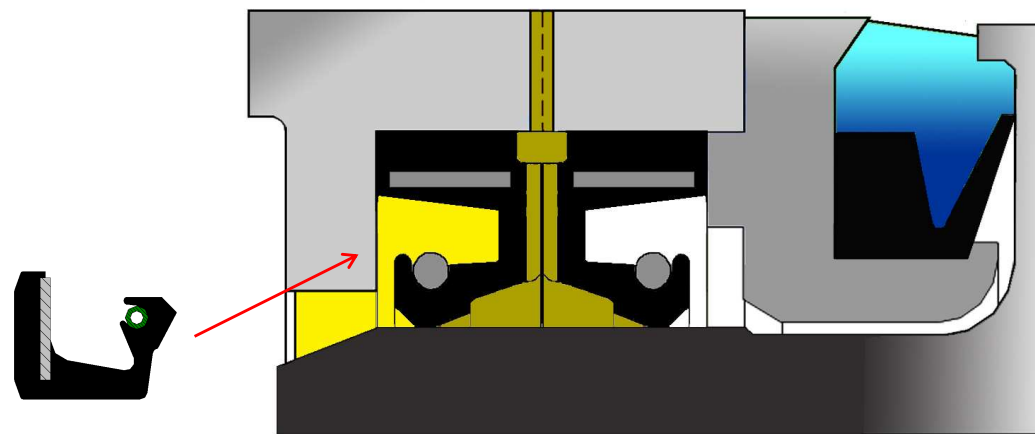
LAM



Special strong grease seal, ideal for grease retention in the assembling in houses with strict tolerances.

DF

Special oil seal, for easy installation. Self-retaining oil seal tanks to the internal flexible metal band.



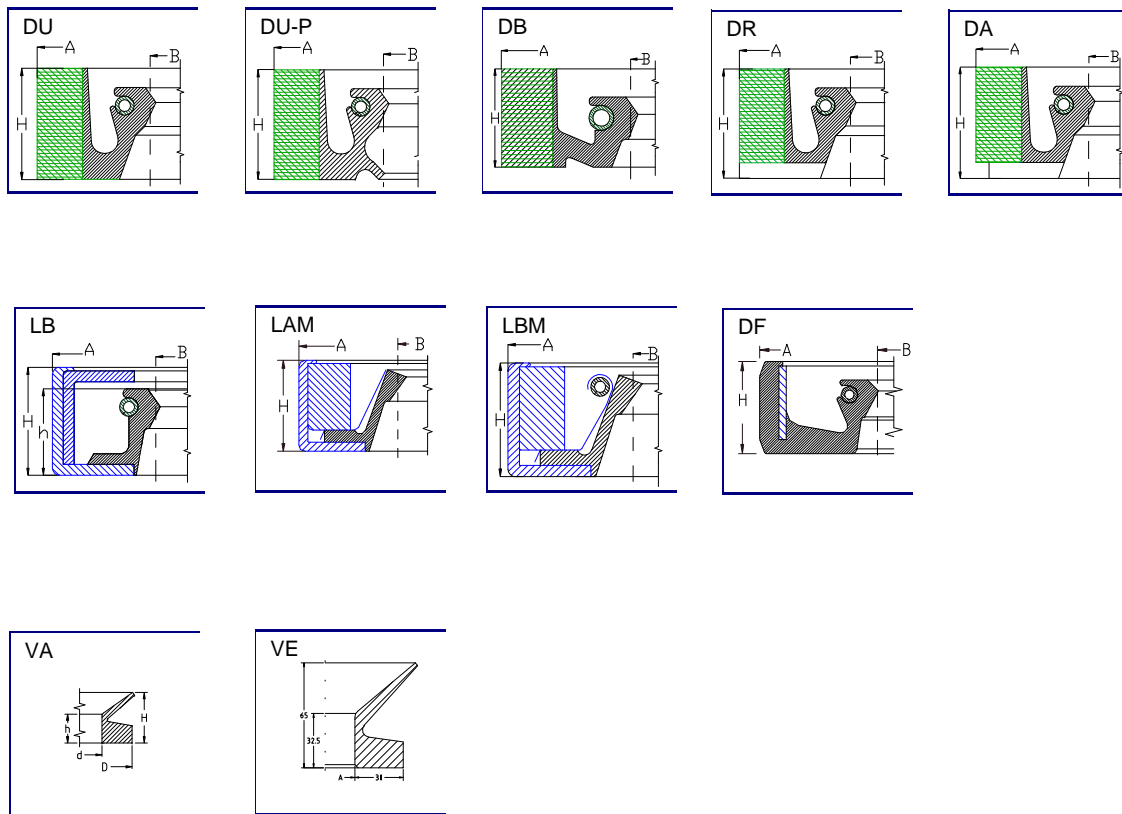
A SOLUTION FOR ANY TYPE OF SEALING PROBLEM

SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

OUR SOLUTIONS

On the base of the different working needs, LK technik has the right sealing solution to guarantee the best possible result.

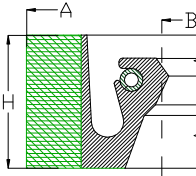
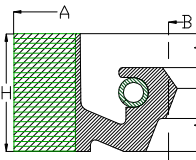
Product Overview

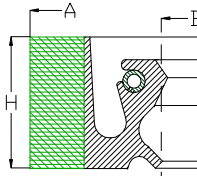


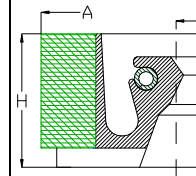
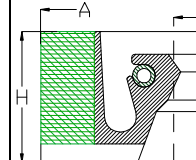
SEALING ARRANGEMENTS FOR HOT AND COLD ROLLING MILLS

OUR SOLUTIONS

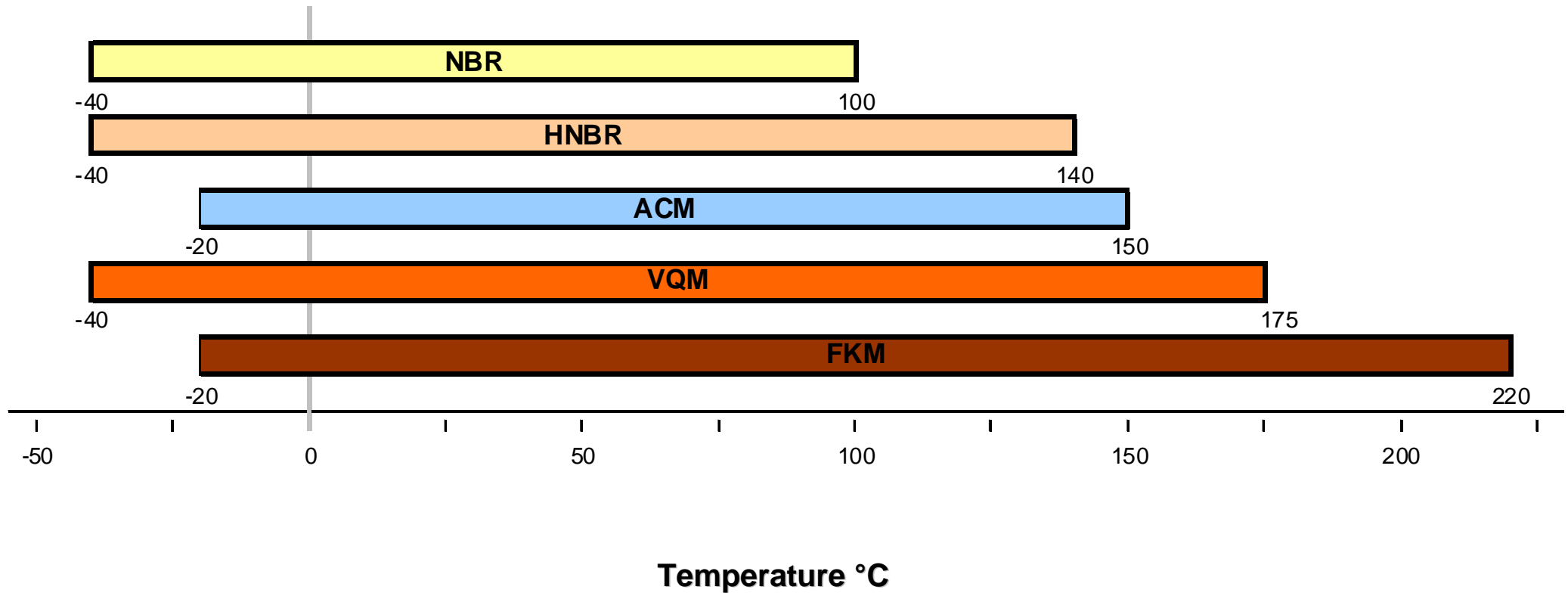
On the base of the different working needs, LK technik has the right sealing solution to guarantee the best possible result.

DU 	Pressure	0,5 BAR
	Application	RADIAL SEALING
	External Ø	RUBBER/FABRIC
	Construction	RUBBER/FABRIC OIL SEALS WITH LIP AND SPRING
DU-BP 	Pressure	4 BAR
	Application	RADIAL SEALING
	External Ø	RUBBER/FABRIC
	Construction	RUBBER/FABRIC OIL SEALS WITH LIP AND SPRING

DUP 	Pressure	0,5 BAR
	Application	RADIAL SEALING
	External Ø	RUBBER/FABRIC
	Construction	RUBBER/FABRIC OIL SEALS WITH LIP AND SPRING AND DUST LIP

DA 	Pressure	0,5 BAR
	Application	RADIAL SEALING
	External Ø	RUBBER/FABRIC
	Construction	RUBBER/FABRIC OIL SEALS WITH LIP+SPRING WITH RADIAL+ AXIAL LUBRICATION GROOVES
DR 	Pressure	0,5 BAR
	Application	RADIAL SEALING
	External Ø	RUBBER/FABRIC
	Construction	RUBBER/FABRIC OIL SEALS WITH LIP+SPRING AND RADIAL LUBRICATION GROOVES

ELASTOMERS



The temperature ranges must be considered in connection with the working conditions, and the media that are compatible with the respective elastomers

LKTECHNIK

A SOLUTION FOR ANY TYPE OF SEALING PROBLEM

MAXIMUM OPERATING SPEED

NBR	12 m/sec
HNBR	25 m/sec
VQM	25 m/sec
FKM	35 m/sec

The data herein are the results of made tests that we believe to be reliable.

However, we do not guarantee that the same results will be reproduced by tests made in other laboratories, using different samples preparation, and evaluation conditions.

LKTECHNIK



LKTECHNIK

30 YEARS OF

EXPERIENCE

success, innovations

and

worldwide satisfied customers