



GlideXtm -WPS

 Reduces torque by more than 90% compared to the conventional 			
mechanical seal			
 The unitized seal design enables simple installation into customer's 			
application			



The GlideXtm - WPS for automotive water pumps is a further development of the well-known and widely applied EKK compact seal. The textured seal which ensures extremely low torque and superior sealing performance. Its non-contacting sealing under rotation provides low torque with improved wear resistance. The torque reduction is more than 90% compared to the conventional mechanical seal.

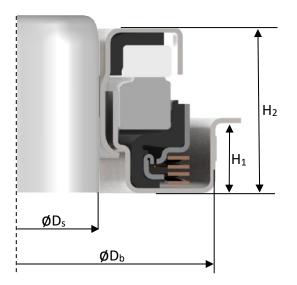
The GlideXtm - WPS is manufactured by fully automated assembly lines and supplied to automotive customers worldwide with high quality and good performance in the application.

Operation conditions:

Specification	Dimension	Unit
Medium	Coolant / water solution	[-]
Coolant Mixture	40 - 60	%
Pressure - nominal	-67 kPa to 0,2	MPa.g
Pressure – peak	-67 kPa to 0,3	MPa.g
Temperature - nominal	-20 till +120	°C
Temperature - peak	-40 till +140	°C
Speed - nominal	0 - 7.000	Min ⁻¹
Speed – peak	12.000	Min⁻¹
Sliding materials	SiC / SiC +ATHF [®] texture	[-]
Elastomer materials	HNBR	[-]

Assembly dimensions:

Specification	ltem	Range	Unit
Shaft diameter	Ø Ds	12	mm
Bore diameter	Ø D _b	30	mm
Mounting depth	H ₁	5,5	mm
Total height	H ₂	13	mm



All technical specifications are based on extensive tests and our many years of experience. The diversity of possible applications, however, means that they can serve only as guided values. We must be notified of the exact conditions of application before we can provide any guarantee for a specific case. This is subject to change.