



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

