

Product:

Compact Seal SST - Automotive Water Pump Seal

The compact seal SST (*Silent Sealing Technology*) for automotive water pump applications is optimized to improve durability and reduce noise sensitivity by 85% compared to the standard Compact Seal.

Operation conditions:

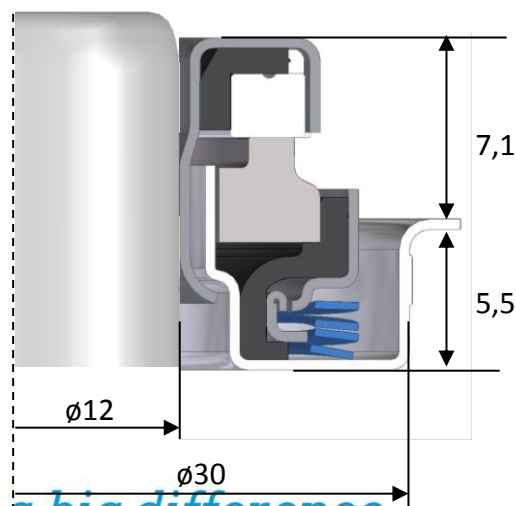
Item	Range	Unit
Medium	Coolant / water solution	[-]
Coolant Mixture	40 - 60	%
Pressure - nominal	0 till 0,2	MPa.g
Pressure – peak	-0,1 till 0,3	MPa.g
Temperature - nominal	-20 till +120	°C
Temperature - peak	-40 till +140	°C
Speed - nominal	0 - 7.000	Min ⁻¹
Speed – peak	12.000	Min ⁻¹
Sliding materials	Hard Carbon / SiC	[-]
Elastomer materials	HNBR	[-]

Assembly dimensions:

Item	Range	Unit
Shaft diameter	12	mm
Shaft roughness	6,3	µmRz
Shaft hardness	>50	HRC
Bore diameter	30	mm
Bore roughness	1,6	µmRa
Total height	13	mm
Mounting depth	5,5	mm



CS-SST 1230



Developing small things that make a big difference.