




















































Seal selection

There are a wide variety of sealing options for the housing due to the large number of potential applications. The correct choice of sealing system depends on several factors. Below, you will find important information about all of the sealing options that are included in the standard range of SNC bearing housings.

All SNC units are designed for both through shafts and for shaft end bearing arrangements. A cover (SC...EC) is available for these versions. This is inserted in the groove between the upper and lower sections in place of the second seal. To provide maximum flexibility when it comes to selecting, SNC seals are packaged as a set. One seal set is required for each side of the housing.

						
Structural properties		SC..DS Double lip seal	SC..FS Felt strip seal	SC..SV V-ring seal	SC..LA Labyrinth seal	SC..TA Taconite seal
Operating temperature	°C	-40... +100	-40... +100	-40... +100	-40... +200	-40... +100
Circumferential speed	m/s	<8	<15	<7 ³⁾	<15	<8 ⁴⁾
Possible misalignment	Degrees	0,5...1	<0,5	1...1,5	<0,3	<0,5
Relubrication						
Low friction			 ¹⁾			 ¹⁾
Suitable for floating bearings						
Vertical installation				 ²⁾		
Sealing behavior for:						
Splash water / moisture						
Ultra-fine particles						
Fine particles						
Large particles						
Sharp-edge particles						
UV resistance						



Ideally suited



Limited suitability



Suitable



Unsuitable

¹⁾ During running-in phase up to approx. 5m/s

²⁾ If V-ring is fitted inside on underside

³⁾ Without additional supporting ring (axially secured: 7-12 m/s;
axially and radially secured: >12 m/s)

⁴⁾ Shaft requirements, see page 18