

Guide post 02

Stepping forward together with our customers

For more than 50 years, **SANKYO OILLESS** has been one of the leading manufacturers of maintenance-free sliding elements. As a leading supplier and pioneer in the production of stamping and press tool components for the automotive industry, **SANKYO OILLESS** supplies an products for many other applications such as mold making, engineering, packaging, heavy industry, aerospace and many more.

The technologies developed by **SANKYO OILLESS** have reduced or eliminated friction, wear and tear. In addition, **SANKYO OILLESS** provides services and quality products to offer you the best possible solutions for your requirements at all times.

The benefits of slide bearings versus roller bearings

In a variety of applications, designers are increasingly replacing roller bearings with slide bearings. In addition to ease of installation and cost effectiveness, slide bearings offer a number of distinct advantages. Slide bearings require less installation space, have a larger load bearing capacity, are maintenance-free or require little maintenance, are easier to assemble and are less susceptible to noise and vibration.

The following list gives an overview of the general advantages of bearings compared to bearings.

Slide bearing

- Higher load bearing capacity and reduced footprint
- Higher resistance to vibration and increased lifetime
- Easier installation
- Lower installation costs
- Increased shaft tolerances possible
- Compensates misalignment and reduces the edge load

Roller bearing

- sensitive to shock, vibration and edge load
- high costs for bearings, housings, counterfaces and - fixing materials
- large space required
- is prone to noise development

Technologies for top performance

SANKYO products are manufactured in our own plants and distributed worldwide.

We offer high quality maintenance-free sliding elements acc. to international standards and standards for use in

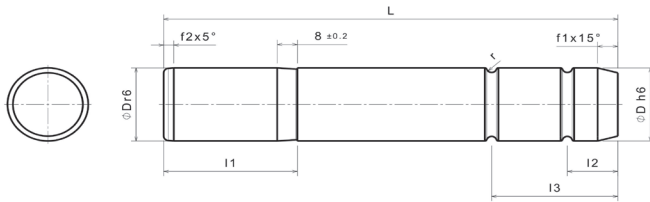
- pressing tools
- injection molds
- general engineering

As an experienced specialist, we have the appropriate know-how in tribology to always offer the best solutions for your needs. We supply a large portfolio of lubrication-free sliding elements and also offer custom products acc. to customer drawing.

Quality and performance are our constant commitment!

Properties:

Base material	Steel, hardened
Hardening depth	1 +0,5mm
Hardness	58 ±2 HRC



Article no.:	Article name:	Outer Ø D:	Length L:	I1:	I2:	I3:	f1:	f2:	r:		
82216125	02 16-125	16	125	36	8	21	2	3	2		
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82225140	02 25-140		140								
82225160	02 25-160		160								
82225180	02 25-180		180								
82225200	02 25-200		200								
82232140	02 32-140	32	140		20	50					10
82232160	02 32-160		160								
82232180	02 32-180		180								
82232200	02 32-200		200								
82232240	02 32-224		224								
82240140	02 40-140	40	140	56			20	50		8	
82240160	02 40-160		160								
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82240200	02 40-200		200								
82240224	02 40-224		224								
82240250	02 40-250		250								
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82250160	02 50-160	50	160	70	25	65	4				
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82250200	02 50-200		200								
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82250355	02 50-355	355									
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82263250	02 63-250		250								
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Article no.:	Article name:	Outer Ø D:	Length L:	l1:	l2:	l3:	f1:	f2:	r:
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82280500	02 80-500		500						
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82310500	02 100-500		500						

