

Guide post 03

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.

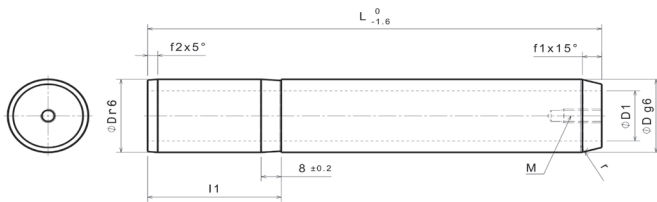
We offer high quality maintenance-free sliding elements acc. to international standards and standards for use in

- 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:	D1:	Length L:	l1:	r:	f1:	f2:	M:	
833251255	03 25-125	25	-	125	40	3	8		-	
833251405	03 25-140			140						
833251605	03 25-160			160						
833251805	03 25-180			180						
833321405	03 32-140	32		140	45					
833321605	03 32-160			160						
833321805	03 32-180			180						
833322005	03 32-200			200						
833401405	03 40-140	40		140	56					
833401605	03 40-160			160						
833401805	03 40-180			180						
833402005	03 40-200			200						
833402245	03 40-224			224						
833402505	03 40-250			250						
833402805	03 40-280			280						
833501605	03 50-160	50		160	70	5	4			
833501805	03 50-180			180						
833502005	03 50-200			200						
833502245	03 50-224			224						
833502505	03 50-250			250						
833502805	03 50-280			280						
833503155	03 50-315			315						
833503555	03 50-355			355						
833631805	03 63-180	63		180	80	6				10
833632005	03 63-200			200						
833632245	03 63-224			224						
833632505	03 63-250			250						
833632805	03 63-280			280						
833633155	03 63-315			315						
833633555	03 63-355			355						
833634005	03 63-400			400						
833802245	03 80-224	80		224	100	8	M12x24			
833802505	03 80-250			250						
833802805	03 80-280			280						
833803155	03 80-315			315						
833803555	03 80-355			355						
833804005	03 80-400			400						
8338022450	03 80-224 H		40	224						-

Article no.:	Article name:	Outer Ø D:	D1:	Length L:	l1:	r:	f1:	f2:	M:		
8338025050	03 80-250 H	80	40	250	100	8	10	4	-		
8338028050	03 80-280 H			280	100						
8338031550	03 80-315 H			315	100						
8338035550	03 80-355 H			355	100						
8338040050	03 80-400 H			400	100						
833102805	03 100-280	100	-	280	125	10					M12x24
833103155	03 100-315			315	125						
833103555	03 100-355			355	125						
833104005	03 100-400			400	125						
8331028050	03 100-280 H		50	280	125						-
8331031550	03 100-315 H			315	125						
8331035550	03 100-355 H			355	125						
8331040050	03 100-400 H			400	125						
831253155	03 125-315	125	-	315	140	12	12	5	M12x24		
831253555	03 125-355			355	140						
831254005	03 125-400			400	140						
831254505	03 125-450			450	140						
831255005	03 125-500			500	140						
8312531550	03 125-315 H		65	315	140						-
8312535550	03 125-355 H			355	140						
8312540050	03 125-400 H			400	140						
8312545050	03 125-450 H			450	140						
8312550050	03 125-500 H			500	140						
831604005	03 160-400	160	-	400	180	18			M12x24		
831604505	03 160-450			450	180						
831605005	03 160-500			500	180						
831605605	03 160-560			560	180						
8316040050	03 160-400 H		95	400	180				-		
8316045050	03 160-450 H			450	180						
8316050050	03 160-500 H			500	180						
8316056050	03 160-560 H			560	180						

