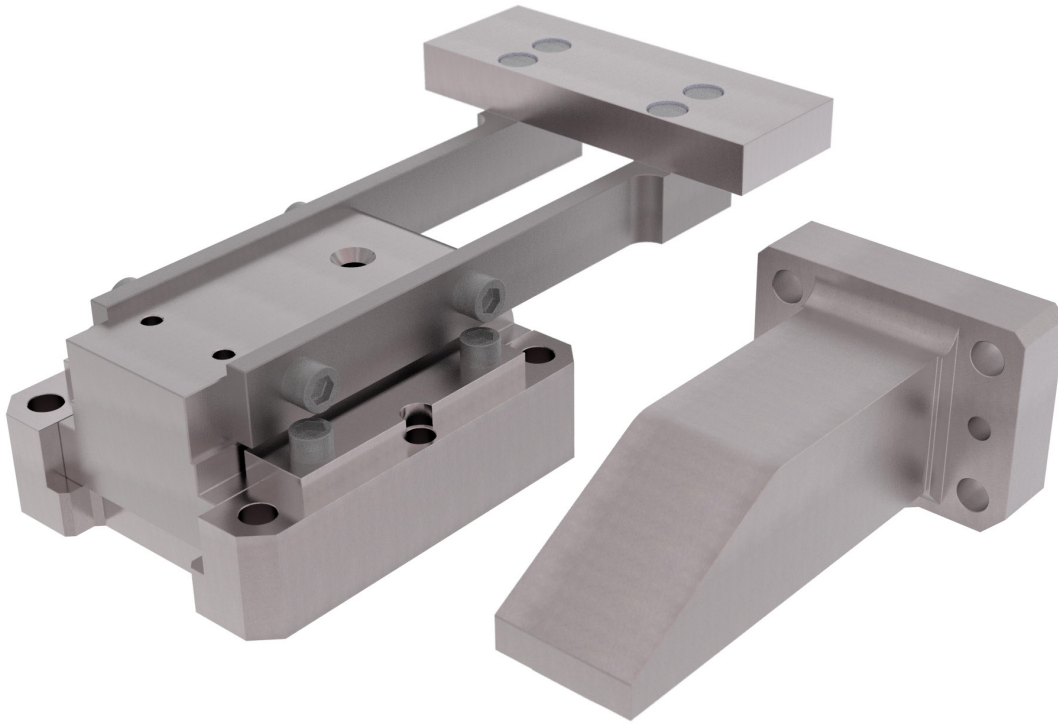




STSC

Platinenführung

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

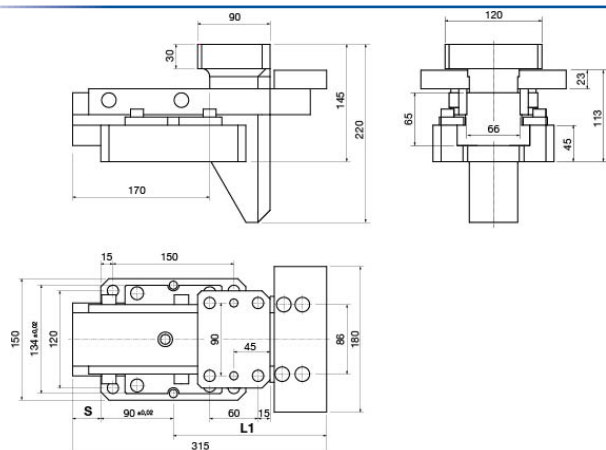
SANKYO products are manufactured in our own plants and distributed worldwide.

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 band
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Article no.:	Article name:	Stroke Hw:	l1:	Plate width:	Starting force (N):	Max. force (N):	Spring:
660001310	STSC 50	50	185	180	141,4	685,3	Coil spring
660001310G	STSCG-45	45	190		238	353	Gas spring

Bill of material:

No.	Name	Quantity	Material and remark
1	Base plate	1	Cast iron
2	Slider	1	Cast iron with solid lubricant
3	Driver	1	Cast iron
4	Upper plate	2	Steel
5	Spring stopper	1	Stahl
6	Guide pin	1	Stahl
7	Spring	2	TF30-65
			SFC170-050-25bar
8	Hexagon socket head bolt	4	M10 x 40
9	Set screw	1	M6 x 10
10	Dowel pin with female thread	1	Ø6 x 30 (m6)
11	Lever	R/L1	Steel
12	Plate	1	Stahl
13	Hexagon socket head bolt	4	M10 x 40
14	Hexagon socket head bolt	4	M12 x 35
15	Dowel pin	2	Ø10 x 40
16	Washer	1	Steel

