Rivolta

S.K.D. 3501

High-speed grease

The benefits at a glance

- ✓ Fully synthetic
- ✓ Very high speed factor
- ✓ Ageing and oxidation resistant
- ✓ Wide operative temperature range
- ✓ Suitable for low temperatures
- ✓ Energy saving by smooth running characteristics
- ✓ Very well pumpable

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Property

Rivolta S.K.D. 3501 is a fully synthetic high-speed grease based upon a metal soap framework in which a synthetic base oil is built in. In addition to this it contains additives to improve the oxidation stability, the wear protection and the corrosion protection.

Fields of application

- High speed grease for fast running roller and plain bearings of all kinds, such as e.g. spindle bearings at machine tools, textile machines, precision bearings, electric motor bearings
- For the lubrication of bolts, joints, cam discs, sliding points and electronic contacts
- Low-temperature grease for bearings and guideways, etc.

Material compatibility

Rivolta S.K.D. 3501 does not attack common metals as well as plastics, lacquers and seals which are resistant to mineral oil. The product should **not** be mixed with other greases.

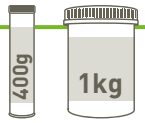
Preparation of the lubricating point

Please remove contaminations and residues as far as possible.

Instructions for use

- **Bulk product:** apply evenly with a spatula or a hard brush. Take care that no dirt will be dragged in
- **Cartridge:** in a grease gun

Form	pasty
Colour	light grey
Odour	mild



Available in:
- 400g cartridge (12 pcs.)
- 1kg tin

	Value	Norm
Density at +15 °C	093 g/ml	DIN 51757
Viscosity of base oil at +40 °C	15 mm²/s	DIN 51562-1
Viscosity of base oil at +100 °C	5,5 mm²/s	DIN 51562-1
Dropping point	> +190 °C	DIN ISO 2176
Worked penetration	280 – 310 1/10 mm	DIN ISO 2137
ΔPW 100,000 Decrease of worked penetration after 100,000 double cycles	< 30 1/10 mm	-
NLGI grade	1 – 2	DIN 51818
Operative temperature range	-60 °C up to +120 °C	-
S.R.V.-Test: **T = +100 °C, F = 200 N, 100.000 load changes** **Friction coefficient:**	0,12	DIN 51834
Wear rate: **Ball** **Disc**	0,50 mm < 2 µm	
Flow pressure	< 25 at -20 °C kPa < 45 at -40 °C kPa < 110 at -60 °C kPa	DIN 51805
Oil separation at +40 °C	< 3 % after 8 h	DIN 51817
Water resistance	1 – 90	DIN 51807 T1
Speed factor	1.000.000 mm / min	-
Corrosion protection to steel (SKF-Emcor)	0 – 0 corr.-grade	DIN 51802
Corrosion effect on copper	1 at 100 corr.-grade	DIN 51811

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