

RPK DLC NEEDLE BALL ROLLERS

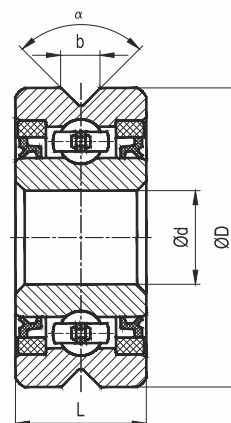
The RPK DLC rolling rollers are specially designed for wire straightening units. The roller is constructed as a single-row ball bearing with a thickened outer ring.

On the external surface, the roller has a V-groove with a new generation of coating with very high abrasion resistance.

The coating is a DLC (diamond- like carbon) layer whose hardness is similar to that of a diamond.

The rollers have an effective seal, suitable for contaminants arising during the wire straightening process. The rollers are filled with sufficient plastic grease for their entire service life.

Significantly enhanced roller durability has been confirmed in operation, in comparison to other solutions applied so far.



Designation	Dimensions					Sealing
	d	D	L	b	α	
	mm	mm	mm	mm	grades	
RPK 1032	10	32	14	4,2	90	SD ¹⁾
RPK 1040	10	40	14	5	90	SD ¹⁾
RPK 1235	12	35	10	4,7	90	ZZ ²⁾
RPK 1540	15	40	11	4,65	100	ZZ ²⁾
RPK 2052	20	52	20,6	8,4	100	ZZ ²⁾

1) SW – double-lip seal 2) ZZ - protective plate