



SKF Aligning needle roller bearing without inner ring Series: RPNA

Aligning needle roller bearings comprise drawn outer cups, plastic support rings with a concave inner profile, outer rings with a spherical outside surface, needle roller and cage assemblies and removable inner rings. As a result of their design, these bearings can compensate misalignments, since the outer ring, with its spherical outside surface, is able to move in the concave plastic support ring section. Due to their non-locating bearing function, the bearings cannot guide the shaft axially in any direction. Bearings without an inner ring are highly suitable for bearing arrangements with low section height and particularly compact dimensions, if the shaft raceway can be hardened and ground.

Characteristics

Series: RPNA

Model: without inner ring

Manufacturer ID	Inner diameter mm	Outer diameter mm	Width mm	Article
RPNA 20/35	20	35	16	24004346
RPNA 25/42	25	42	20	24004347
RPNA 30/47	30	47	20	23769463
RPNA 35/52	35	52	20	24004348
RPNA 40/55	40	55	20	23769464
RPNA 45/62	45	62	20	24004349

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