

## SKA Suffix

The following information shows a selection of the most common suffixes and their meanings. The list is not exhaustive; further details or customer-specific variants are available on request..

Category	Suffix	Description
Seal	RS	NBR seal touching the inner ring, one-sided
Seal	2RS	NBR seal touching the inner ring, on both sides
Seal	Z	Sheet metal cover not touching the inner ring, one-sided
Seal	ZZ	Sheet metal cover not touching the inner ring, on both sides
Seal	V	NBR seal not touching the inner ring, one-sided
Seal	VV	NBR seal not touching the inner ring, on both sides
Seal	DVH	NBR double lip seal touching the inner ring, one-sided
Seal	2DVH	NBR double lip seal touching the inner ring, on both sides
Seal	RSD	NBR seal for spindle bearings, non-contacting on the inner ring, single-sided
Seal	2RSD	NBR seal for spindle bearings, non-contacting on the inner ring, on both sides
Seal	DVHA	ACM double-lip seal touching the inner ring, one-sided
Seal	2DVHA	ACM double-lip seal touching the inner ring, on both sides
Seal	DVHA1	FPM double lip seal touching the inner ring, single-sided
Seal	2DVHA1	FPM double lip seal touching the inner ring, on both sides
Seal	PP	For support and cam rollers: lip seal on both sides
Accuracy	PN [P0]	Standard accuracy (not specified)
Accuracy	P6	More accurate than PN
Accuracy	P5	More accurate than P6
Accuracy	P4	More accurate than P5
Accuracy	P4S	For spindle bearings: mix of P4 & P2
Accuracy	P2	More accurate than P4
Accuracy	ST	Special tolerance
Geometry	B	Pressure angle 20° to 40° depending on roller bearing
Geometry	C	Pressure angle 15° at spindle bearing
Geometry	E	Pressure angle 25° at spindle bearing
Geometry	W33	Lubrication groove on the outer ring
Geometry	K	Conical inner ring (usually mounted with sleeve)
Geometry	L	Slight preload
Geometry	M	Medium preload
Geometry	H	High preload
Geometry	U	Universally compatible
Geometry	DU	Paired bearings (duplex)
Geometry	E	Reinforced design
Geometry	U0	1-row angular contact ball bearing (universal bearing). Bearing set with zero play for O and X arrangements.
Geometry	UA	1-row angular contact ball bearing (universal bearing). With low axial clearance in X or O design.
Geometry	UL	1-row angular contact ball bearing (universal bearing). Slight preload when mounted.
Geometry	UM	1-row angular contact ball bearing (universal bearing). Average preload when assembled
Geometry	X	For tapered roller bearings: version in accordance with international standards
Geometry	X	Support and track rollers: Cylindrical outer shell
Geometry	OP	Optimised profile
Geometry	SK	Hexagon socket

Cage	CC	Steel cage
Cage	T	Glass fibre reinforced polyamide cage
Cage	TN	Glass fibre reinforced polyamide cage
Cage	TVP	Glass fibre reinforced polyamide cage
Cage	TN9	Glass fibre reinforced polyamide cage
Cage	J	Steel cage
Cage	M	Brass cage
Cage	M1	Brass cage
Bearing clearance	CS...	Special bearing clearance between two values
Bearing clearance	MC1	Bearing clearance for miniature and small bearings. MC1 = smaller than MC2
Bearing clearance	MC2	Bearing clearance for miniature and small bearings. MC2 = smaller than MC3
Bearing clearance	MC3	Bearing clearance for miniature and small bearings. MC3 = always standard ex works
Bearing clearance	MC4	Bearing clearance for miniature and small bearings. MC4 = larger than MC3
Bearing clearance	MC5	Bearing clearance for miniature and small bearings. MC5 = larger than MC4
Bearing clearance	MC6	Bearing clearance for miniature and small bearings. MC6 = greater than MC5
Bearing clearance	C2	Bearing clearance smaller than CN
Bearing clearance	CN [C0]	Standard bearing clearance – not specified in the designation.
Bearing clearance	C3	Bearing clearance greater than CN
Bearing clearance	C4	Bearing clearance greater than C3
Material	INOX	Bearings made from stainless steel
Material	SN24	Hybrid bearings / ceramic rolling elements
Material	HQS	High Quality Steel / Improvement of the material
Tribology	NS7	Lubricant
Tribology	LX3	Lubricant
Tribology	LX5	Lubricant
Tribology	BI4	Lubricant for spindle bearings
Tribology	BS2	Lubricant for spindle bearings
Tribology	BQ2	Lubricant for spindle bearings
Tribology	BE4	Lubricant
Tribology	BE2	Lubricant
Tribology	BH2	Lubricant NSF H1 registered or FDA compliant
Tribology	BH3	Lubricant NSF H1 registered or FDA compliant
Tribology	Q ...	Grease fill level (no specification = standard grease quantity according to DIN)
Tribology	UZ1	Lubricant for tension bearings
Tribology	HA2	Lubricant for tension bearings
Addition	N	With groove on the outer ring
Addition	NR	With groove and retaining ring on the outer ring
Addition	DRY	Surface without corrosion protection agent
Addition	EGS	For inner rings: Non-twist ground
Addition	IS1	With a lubrication hole
Addition	IS2	With two lubrication holes
Addition	ES	Sliding pair for steel/steel joint bearings
Addition	ET	Sliding pair for PTFE/steel joint bearings
Addition	S1	Suitable for permanently higher temperatures in industrial operation (up to 200°C)
Addition	S2	For sustained high temperatures, e.g. in dryers or electric motors (up to 250°C)
Addition	S3	For extreme temperature requirements, e.g. in high-temperature ovens (up to 300°C)
Addition	S4	For extreme temperature requirements, e.g. in high-temperature furnaces (up to 350°C)

## **Hans Saurer Kugellager AG**

Niederfeld 38  
9320 Stachen  
Switzerland

Internet      [www.ska.swiss](http://www.ska.swiss)  
Mail          [info@ska.swiss](mailto:info@ska.swiss)  
Telephone    +41 71 446 85 85

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