

Relevant Suffixes

For Spherical Roller Bearings In The Paper Industry

Relevant suffixes · Comparison of designations · Description

Comparison of designations		Description (variation from standard)
FAG	SKF	
Standard	W33	Spherical roller bearing with lubrication groove and 3 lubrication holes in the outer ring
C3	C3	Radial internal clearance larger than CN (normal)
C4	C4	Radial internal clearance larger than C3
C5	C5	Radial internal clearance larger than C4
H40	(W77)	Bearing without lubrication groove and without lubrication holes in the outer ring
H40AB	W26	Spherical roller bearing, additionally with 6 lubrication holes in the inner ring
H40AC	–	Spherical roller bearing, additionally with lubrication groove and 6 lubrication holes in the inner ring
H40BB	–	Spherical roller bearing, combination of H40 and H40AB
H40BC	–	Spherical roller bearing, combination of H40 and H40AC
H40CA	W33X	Spherical roller bearing with lubrication groove and 6 lubrication holes in the outer ring
H44SA	W77	Spherical roller bearing with aluminium closing plugs for lubrication holes in the outer ring
H44SB	–	Spherical roller bearing with aluminium closing plugs for lubrication holes in the inner ring
H88	VQ424	Running accuracy P5 for the inner ring and P4 for the outer ring: + J26C + M15NZ + restricted width tolerance of the outer ring for applications with rotating outer ring
H140	–	Combination of H40AC + H44SA + H44SB + T52BW
H157	VE589	Combination of H40 + H40AC, special oil injection nozzles in the inner ring
J26A	W4	Marking of the largest radial runout deviation on the inner ring or sleeve
J26B	W58	Marking of the largest radial runout deviation on the outer ring
J26C	W515	Marking of the largest radial runout deviation on the inner ring and outer ring
J33BH	–	Durotect Z coating of the outer ring outside surface
J47AA	–	PTFE coating of the outer ring outside surface
J48BB	L5DA	Surface coating of barrel rollers with Triondur C
J56	–	Corrotect coating of the rolling bearing
MB	–	Two-piece solid brass cage, guided on central rib
MB1	–	Single-piece solid brass cage, guided on central rib
M15NZ	–	Measurement report with Talyrond record and serial number
T50H	W22	Bearing with restricted outside diameter tolerance (to minus-minus)
T52BH	VQ424	Running accuracy P5 for the outer ring and P4 for the inner ring (for FAG also contains J26A) for applications with a rotating inner ring
T52BE	C02	Running accuracy P5 for the inner ring (for FAG, also contains J26A)
T52BN	C04	Running accuracy P5 for the outer ring (for FAG, also contains J26B)
T52BW	C08	Running accuracy P5 for the inner and outer ring (for FAG, also contains J26C)
W209B	HA3	Bearing inner ring made from case hardening steel

FAG H140 Specification

FAG H140 Technical Specification

The universal design H140 combines the special requirements for spherical roller bearings of outside diameter 320 mm and larger in paper machines. It brings together the design variants in technical specifications H40, H44S, J26A and T52B# (see following table).

Characteristics of the H140 Specification:

- Circumferential lubrication groove and 3 lubrication holes in the outer ring (standard)
- Circumferential lubrication groove and 6 lubrication holes in the inner ring
- Aluminium plugs of various sizes for closing off the lubrication holes in order to facilitate dismounting by hydraulic means
- Increased running accuracy to P5 for the inner ring and outer ring
- Marking of the largest radial runout deviation on the inner ring and outer ring

FAG H140 Interchangeability

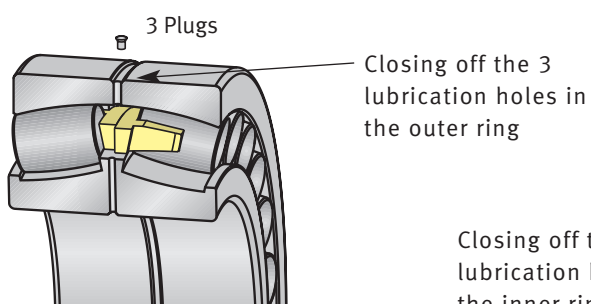
The FAG universal suffix H140 includes the following suffixes

FAG "Universal"	FAG	SKF	Timken
H140	T52BE	C02	C02
H140	T52BN	C04	C04
H140	T52BW	C08	C08
H140	J26A	W4	W4
H140	H40AB	W26	W94
H140	H44S or H40	W77	W84
H140	T52BW	W506	W33, W31
H140	J26A	W507	W507
H140	H40AB	W509	W509
H140	H40AB	W513	W33, W94
H140	H44S or H40	W525	W525

Modifications for dismounting of bearings by hydraulic means

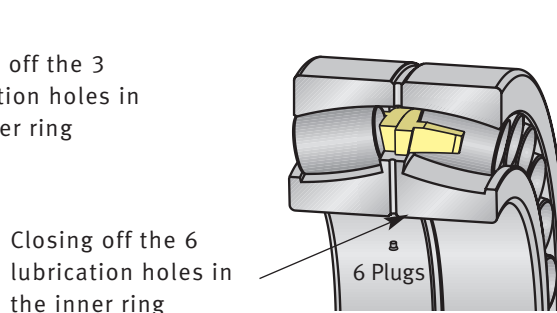
Rotating outer ring with tight fit

Lubrication via the stationary inner ring



Rotating inner ring with tight fit

Lubrication via the stationary outer ring



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