



SKF Spherical Roller Thrust Bearing

Spherical roller thrust bearings have specially designed raceways and asymmetrical rollers. The bearings can accommodate axial loads acting in one direction and simultaneously acting radial loads. The load is transmitted between the raceways via the rollers at an angle to the bearing axis, while the flange guides the rollers.

Depending on their series and size the spherical roller thrust bearings are manufactured to two basic designs:

Bearings with no designation suffix

Bearings with no designation suffix are fitted with a machined prong-type brass cage as standard. The cage is guided by a sleeve held in the shaft washer bore. The shaft washer, cage and rollers form a non-separable unit.

Bearings with an E designation suffix

E-design bearings have larger rollers and an optimized internal design for increased load carrying capacity. E-design bearings up to size 68 are fitted with a stamped window-type steel cage, which forms a non-separable unit with the shaft washer and rollers.

E-design bearings from size 72 and larger are fitted with a machined prong-type cage. This type of cage is guided by a sleeve held in the shaft washer bore. The shaft washer, cage and rollers form a non-separable unit.

Characteristics

Series: 292

Manufacturer ID	Inner diameter mm	Outer diameter mm	Height mm	Internal clearance	Cage	Article
29412 E	60	130	42	CN (normal)	Steel	29412E-SKF
29418 E	90	190	60	CN (normal)	Steel	29418E-SKF
29320 E	100	170	42	CN (normal)	Steel	29320E-SKF
29420 E	100	210	67	CN (normal)	Steel	29420E-SKF
29322 E	110	190	48	CN (normal)	Steel	29322E-SKF
29324 E	120	210	54	CN (normal)	Steel	29324E-SKF
29424 E	120	250	78	CN (normal)	Steel	29424E-SKF
29326 E	130	225	58	CN (normal)	Steel	29326E-SKF
29426 E	130	270	85	CN (normal)	Steel	29426E-SKF
29328 E	140	240	60	CN (normal)	Steel	29328E-SKF
29336 E	180	300	73	CN (normal)	Steel	29336E-SKF
29240 E	200	280	48	CN (normal)	Steel	29240E-SKF
29248	240	340	60	CN (normal)	Brass	29248-SKF
29352 E	260	420	95	CN (normal)	Steel	29352E-SKF

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