

71906 ACD/P4AQGC



Matched set of four super precision angular contact ball bearing

These sets of four matched super-precision angular contact ball bearings are available in a wide selection of designs, variants and arrangements, enabling them to be incorporated into virtually every machine tool application as well as other applications where precision bearings are required. Preconfigured arrangements include: "tandem", "tandem back-to-back, tandem face-to-face", "back-to-back and tandem", "face-to-face and tandem". Sets of four bearings arranged in tandem need to be mounted against a single bearing, or a set of bearings in tandem, to achieve the desired preload. All the other arrangements are available in different preload classes and correct mounting results in preload within a predetermined range, without the need for shims or similar devices. The bore and outside diameters of the bearings are matched to within a maximum of one-third of the permitted diameter tolerance, to provide better load distribution than single universally matchable bearings.

- Very high turning accuracy
- High axial and radial stiffness
- High axial and radial load carrying capacity
- Number of designs and variants available to suit the needs of a very large number of applications

Overview

Dimensions

Bore diameter	1.181 in
Outside diameter	1.85 in
Width	1.417 in

Performance

Basic dynamic load rating	4 002 lbf
Basic static load rating	3 889 lbf

Properties

Coating	Without
Contact type	Normal contact (two-point contact)
Design	High-capacity D
Lubricant	None
Matched arrangement	Universal matching
Matched condition (axial clearance/ preload)	Moderate preload
Material, bearing	Bearing steel
Number of bearings in matched set	4

Number of rows	4
Ring type	One-piece inner and outer rings
Sealing	Without
Tolerance class	P4AU
Universal matching bearing	Yes

Terms and conditions

By accessing and using this website / app owned and published by AB SKF (publ.) (556007-3495 · Gothenburg) ("SKF"), you agree to the following terms and conditions:

Warranty Disclaimer and Limitation of Liability

Although every care has been taken to assure the accuracy of the information on this website / app, SKF provides this information "AS IS" and DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. You acknowledge that your use of this website / app is at your sole risk, that you assume full responsibility for all costs associated with use of this website / app, and that SKF shall not be liable for any direct, incidental, consequential, or indirect damages of any kind arising out of your access to, or use of the information or software made available on this website / app. Any warranties and representations in this website / app for SKF products or services that you purchase or use will be subject to the agreed upon terms and conditions in the contract for such product or service. Further, for non-SKF websites / apps that are referenced in our website / app or where a hyperlink appears, SKF makes no warranties concerning the accuracy or reliability of the information in these websites / apps and assumes no responsibility for material created or published by third parties contained therein. In addition, SKF does not warrant that this website / app or these other linked websites / apps are free from viruses or other harmful elements.

Copyright

Copyright in this website / app copyright of the information and software made available on this website / app rest with SKF or its licensors. All rights are reserved. All licensed material will reference the licensor that has granted SKF the right to use the material. The information and software made available on this website / app may not be reproduced, duplicated, copied, transferred, distributed, stored, modified, downloaded or otherwise exploited for any commercial use without the prior written approval of SKF. However, it may be reproduced, stored and downloaded for use by individuals without prior written approval of SKF. Under no circumstances may this information or software be supplied to third parties.

This website /app includes certain images used under license from Shutterstock, Inc.

Trademarks and Patents

All trademarks, brand names, and corporate logos displayed on the website / app are the property of SKF or its licensors, and may not be used in any way without prior written approval by SKF. All licensed trademarks published on this website / app reference the licensor that has granted SKF the right to use the trademark. Access to this website / app does not grant to the user any license under any patents owned by or licensed to SKF.

Changes

SKF reserves the right to make changes or additions to this website / app at any time.