

Ball screw support bearings for universal combination BSB..-SU

Bearing sets in any combination required

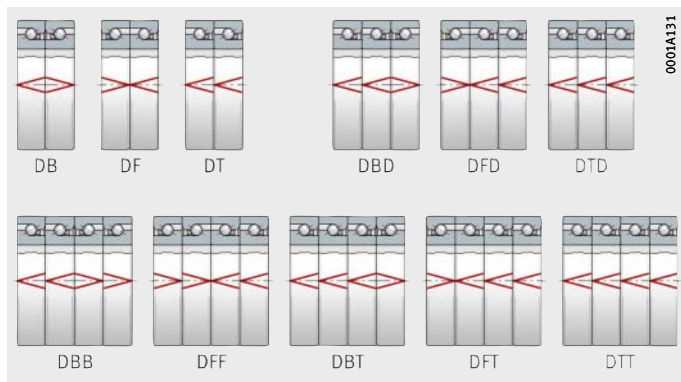
Universal bearings for screw drives of series BSB..-SU are single row axial angular contact ball bearings of a universal design and can be used in any combination required as bearing sets. The arrow marks on the lateral surface of the bearing outer ring of the FAG bearings indicate the contact angle progression and help the fitter to assemble the combination of bearings required in the specific case, *Figure 1*. *Figure 2* shows the arrow marks on competitor bearings for comparison.

Sorted bearing combinations

All bearings are marked with the actual deviations of the inside diameter and outside diameter. It is thus possible, where necessary, to combine bearing sets with similar or identical deviations.

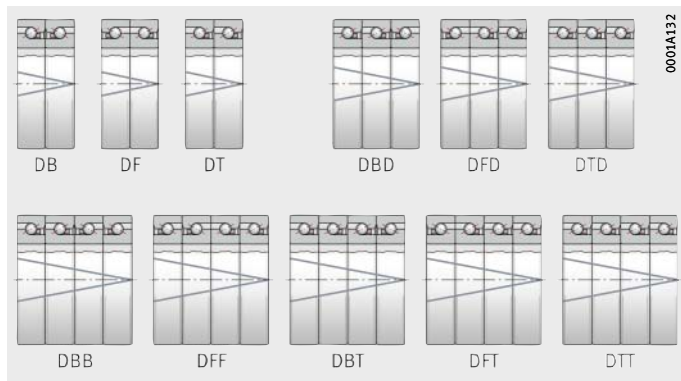
DB = 0 arrangement
DF = X arrangement
DT = tandem arrangement

Figure 1
Arrow marks
on FAG universal bearings



DB = 0 arrangement
DF = X arrangement
DT = tandem arrangement

Figure 2
Arrow marks
on competitor bearings



Ball screw support bearings for universal combination BSB..-SU

Complete bearing sets

Complete bearing sets are also available by agreement, see table. In this case, 2, 3 or 4 universal bearings with the same deviations of the bore diameter and outside diameter are packed in one box. These sets can then be assembled as required in any bearing arrangement (X, O, tandem arrangement), *Figure 1*, page 1.

Suffixes of bearing sets for ordering

Suffix	Universal bearing sets	Example
D	2 universal bearings packed in one box	BSB..-SU-D, BSB..-SU-D-L055, BSB..-2Z-SU-D
T	3 universal bearings packed in one box	BSB..-SU-T, BSB..-SU-T-L055, BSB..-2Z-SU-T
Q	4 universal bearings packed in one box	BSB..-SU-Q, BSB..-SU-Q-L055, BSB..-2Z-SU-Q

Universal bearings BSB..-2Z-SU-D with seals

In the case of sealed bearings, the seals are of different colours. If the bearing sets comprise 2 bearings, the mounting position of the bearings even when mounted can be seen and checked due to the colour coding of the seals.

Mounting position according to seal colour

Arrangement of bearings	Mounting position of seals
DB	Brown seal facing outwards on both sides
DF	Red seal facing outwards on both sides
DT	One red seal and one brown seal facing outwards

Schaeffler Technologies AG & Co. KG

Industriestraße 1–3
91074 Herzogenaurach
Germany
Internet www.schaeffler.de/en
E-mail info.de@schaeffler.com

In Germany:
Phone 0180 5003872
Fax 0180 5003873

From other countries:
Phone +49 9132 82-0
Fax +49 9132 82-4950

Every care has been taken to ensure the correctness of the information contained in this publication but no liability can be accepted for any errors or omissions. We reserve the right to make technical changes.

© Schaeffler Technologies AG & Co. KG
Issued: 2015, December

This publication or parts thereof may not be reproduced without our permission.

PDF 38 GB-D