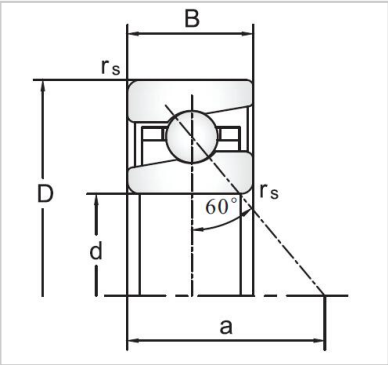
Angular Contact Ball Bearing

BS/TAC Series Ball Screw Support Angular Contact Ball Bearings-BS4575



Bearing NO.	
BS	**BS4575**
TAC	45TAC75C
Dimensions(mm)	
d	**45**
D	**75**
B	15
r Min	1
r1 Max	0.6
Load Ca (N)	34.5
Rotation □min-1□	
Lub.	3700
Oil.	4900
Stiffness (DB,DF) (N) H	3100
Rigidity (DB,DF) (N/μm) H	1170
Torque (N□m) H	0.2
Weight (kg)	0.27

BS/TAC Ball screw support bearings are special thrust angular contact ball bearings for supporting the screw shaft of precision ball screws. Support bearings for precision ball screws also have contact seals. Common configurations are DB, DF, DT, etc. The contact angle of support bearings for precision ball screws is designed to be 60° , the steel balls are small in diameter and large in number, and the wall thickness of the inner and outer rings is thicker, which can simultaneously withstand large axial loads and a certain degree of radial loads. This series of products is commonly used in machine tool screw support parts, injection molding machines, and electric injection molding machines.

The support bearings for precision ball screws are characterized by high rigidity, high precision, small size, light weight, high precision and low torque. This series has high rigidity for axial loads and does not require other radial bearings and thrust bearings. The structure around the bearing can be designed to be compact and light, which is conducive to overall lightweighting. Since the appropriate preload required for use has been adjusted in advance, no complicated adjustment work is required during installation. The sealed

bearings use light contact seals, and the contact lip and the inner ring seal groove are designed with a labyrinth design, which takes into account high-speed performance while achieving good sealing performance. It can prevent external foreign matter from invading and suppress internal grease splashing, which is more conducive to environmental protection. In addition, some models also provide non-contact seal ring bearings to achieve low torque and low temperature rise performance. Compared with the use of roller bearings, it can greatly reduce torque and improve precision.

Our company has professional sales and technical engineers who are responsible for providing users with technical consultation, technical services and product technical training on precision bearing information and installation and use. Perfect pre-sales, sales and after-sales services constitute a guarantee system for high-quality services, providing users with reliable bearing products and creating excellent user experience and rich benefits for every customer.

If you have any questions about products and services, please contact the company's service department directly.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