

Single Row Angular Contact Ball  
Bearings  
7000 Series angular contact ball  
bearings-7015DT,7015DF,7015DB,7015A



WUXI GUANGQIANG BEARING TRADE CO.,LTD

#### Bearing Numbers

Single row	<b>7015A</b>
DB	<b>7015DB</b>
DF	<b>7015DF</b>
DT	<b>7015DT</b>

#### Principal dimensions(mm)

d	75
D	115
B	20
r(min)	1.1
r1(min)	0.6

#### Basic load ratings(N)

Cr	45000
Cor	43500

#### Basic load ratings(kgf)

Cr	4600
Cor	4450

#### Value

fo	16.1
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#### Limiting Speed (rpm)

Grease	6000
Oil	8000

#### Distance of action point(mm)

a	37.4
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#### Abutment and fillet dimensions

da(min)	82
Da(max)	108
ra(max)	<b>1</b>

#### Weight

(kg)	0.661
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#### Basic load ratings(duplex bearing) (N)

Cr	73000
Cor	87500

#### Basic load ratings(duplex bearing) (kgf)

Cr	7450
Cor	8900

#### Limiting Speed(duplex bearing) (rpm)

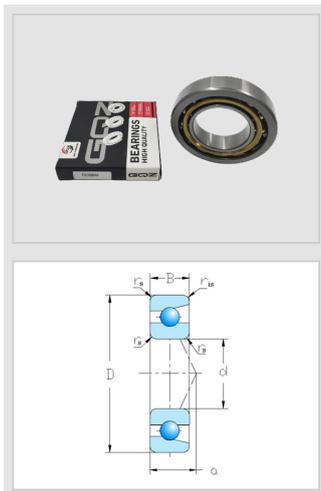
Grease	4800
Oil	6700

#### Distance of action point (duplex bearing)(a0)

back-to-back arrangement	74.8
face-to-face arrangement	34.8

#### Installation dimensions(duplex bearing)

db(min)	80
Db(max)	110
rb(max)	0.6



## **GQZ bearing wholesale high quality 7000 Series Single Row Angular Contact Ball Bearings**

Angular contact ball bearings have inner and outer ring raceways that are displaced relative to each other in the direction of the bearing axis. This means that these bearings are designed to accommodate combined loads, i.e. simultaneously acting radial and axial loads.

The axial load carrying capacity of angular contact ball bearings increases as the contact angle increases. The contact angle is defined as the angle between the line joining the points of contact of the ball and the raceways in the radial plane, along which the combined load is transmitted from one raceway to another, and a line perpendicular to the bearing axis.

**Model:7000 series**

**Bore (Inner) Diameter: 10 mm**□

**Outer Diameter: 26 mm**□

**Width (Thickness): 16mm;**

The 7000 series bearings contain models 7000CTA-2RZ/P5 single, 7001CTA-2RZ/P5 single, 7002CTA-2RZ/P5

single, 7003CTA-2RZ/P5 single, 7004CTA-2RZ/P5 single, 7005CTA-2RZ/P5 single, 7000CTA-2RZ/P4 single,

7001CTA-2RZ/P4 single, 7002CTA-2RZ/P4 single, 7003CTA-2RZ/P4 single, 7004CTA-2RZ/P4 single,

7005CTA-2RZ/P4 single. These models cover a wide range of specifications and configurations, including

single use and paired use, as well as different accuracy levels (P4 and P5) for a variety of application

scenarios. Models 7006CTA-2RZ/P4 paired and 7007CTA-2RZ/P4 paired are also available, providing

more options to meet different needs. These bearing types include angular contact ball bearings, which

are able to withstand radial and axial loads and can also operate at higher speeds, making them one of

the commonly used bearing types in mechanical systems.







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