

Single Row Angular Contact Ball Bearings

7000 Series angular contact ball bearings-7018DT,7018DF,7018DB,7018A 

Номера подшипников

Один ряд	7018A
БД	7018DB
DF	7018DF
DT	7018DT

Основные размеры (мм)

d	90
D	140
B	24
r (мин)	1.5
r1 (мин)	1

Номинальная грузоподъемность (Н)

Сг	67500
Кор	66500

Грузоподъемность (кгс)

Сг	6850
Кор	6750

Ценишь

f ₀	16
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Предельная скорость (об / мин)

Смазка	4800
Масло	6700



Расстояние точки действия (мм)



a	45.2
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Размеры абатмента и галтеля

да (мин)	99
Да (макс.)	131
ра (макс)	1.5

Масса

(кг)	1.19
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Значения грузоподъемности (сдвоенный подшипник) (Н)

Сг	109000
Кор	133000

Грузоподъемность (сдвоенный подшипник) (кгс)

Сг	11200
Кор	13500

Предельная скорость (сдвоенный подшипник) (об / мин)

Смазка	3800
Масло	5300

Расстояние до точки действия (сдвоенный подшипник) (a₀)

расположение спина к спине	90.4
очная встреча	42.4

Установочные размеры (сдвоенный подшипник)

дБ (мин)	96
Дб (макс.)	134
гб (макс.)	1

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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