

Single Row Angular Contact Ball Bearings

7900 Series angular contact ball bearings-7918DT,7918DF,7918DB,7918C 

Bearing Numbers

Single row	7918C
DB	7918DB
DF	7918DF
DT	7918DT

Dimensiones principales (mm)

D	90
D	125
B	18
r (min)	1.1
r1(min)	0.6

Basic load ratings(N)

Cr	41500
Cor	46000

Clasificaciones de carga básica (kgf)

Cr	4250
Cor	4700

Valor

fo	16.5
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Velocidad límite (rpm)

Grasa	7500
Petróleo	10000



Distance of action point(mm)



a	23.4
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Abutment and fillet dimensions

da (min)	97
Da (máx.)	118
ra (máximo)	1

Peso

(kg)	0.563
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Basic load ratings(duplex bearing) (N)

Cr	67500
Cor	92000

Basic load ratings(duplex bearing) (kgf)

Cr	6900
Cor	9400

Limiting Speed(duplex bearing) (rpm)

Grasa	6000
Petróleo	8500

Distance of action point (duplex bearing)(a0)

back-to-back arrangement	46.8
face-to-face arrangement	10.8

Installation dimensions(duplex bearing)

db (min)	sesenta y cinco
Db(max)	120
rb (máximo)	0.6

GQZ bearings wholesale high quality 7900 Series Single Row Angular Contact Ball Bearings

The dimensions of the 7900 series bearings are 10mm inner diameter, 22mm outer diameter and 6mm thickness.

The 7900 series bearings are angular contact ball bearings with specific dimensional parameters for application scenarios that require radial and axial loads. Specifically, the 7900 series has an inner diameter of 10mm, an outer diameter of 22mm, and a thickness of 6mm. This dimensional information is critical to selecting the right bearing and ensuring its proper mounting and use. In addition, the 7900 series bearings also have specific external dimensions and chamfer dimensions, such as the small chamfer r1 is 0.3mm, the large chamfer r1 is 0.15mm, these details are important to ensure the performance and service life of the bearings.



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