Four Point Angular Contact Ball Bearing
QJ1000 Series Angular Contact Ball Bearing-QJ1016

تعيين	QJ1016
الأبعاد الرئيسية (مم)	
د	80
د	125
ب	22
ص (دقيقة)	1.1
تصنيفات الحمل الأساسية (KN)	
سجل تجاري	77000
كو	167000
تصنيفات الحمولة الأساسية (kgf)	
سجل تجاري	7850
كو	17000
تحديد السرعة (دورة في الدقيقة)	
شحم	3800
بترول	5300
مسافة نقطة العمل	
a0 (مم)	71.8
أبعاد التثبيت (مم)	
دا (دقيقة)	87
دا (حد أقصى)	118
ra (حد أقصى)	1
الوزن	
كلغ	1.05

GQZ bearings wholesale high quality QJ1000 Series Four Point Angular Contact Ball Bearing

Angular contact ball bearings are bearings that can withstand high axial and radial loads and are characterized by high precision, high rigidity and high rotational speeds. The design of this bearing allows it to withstand both axial and radial loads, making it ideal for application scenarios that require high loads. Its compact structure, small footprint and light weight allow it to accommodate high speed rotations. In addition, the low coefficient of friction of angular contact ball bearings reduces energy loss and increases bearing life. In high-speed and high-precision applications, angular contact ball bearings are widely used because of their excellent performance.

The larger the contact angle of angular contact ball bearings, the higher their axial load carrying capacity. Under the action of axial force, the contact angle will increase. For single row angular contact ball bearings, it can only bear axial load in one direction, when bearing radial load, it will cause additional axial force, and can only limit the axial displacement of the shaft or shell in one direction. However, through pairs of duplex mounting, so that a pair of bearing outer ring relative, that is, wide end face wide end face, narrow end face narrow end face, can avoid causing additional axial force, and can be in two directions so that the shaft or shell limited to the axial clearance range.

Angular contact ball bearing because of its inner and outer ring raceway can be in the horizontal axis of the relative displacement, so can at the same time bear radial and axial load. This characteristic makes angular contact ball bearings play an important role in mechanical systems, whether in industrial equipment, automotive manufacturing, or aerospace.

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