



TIMKEN® ANGULAR CONTACT BALL BEARINGS

ALL-AROUND RELIABILITY

Designed for reliable performance in pump, compressor, electric motor and many other industrial applications, our angular contact ball bearings are able to handle high speeds and both radial and axial loading. These bearings follow ISO standards and are dimensionally interchangeable with competitor metric products.

MORE CHOICES

We have added 250-new part numbers to our growing portfolio of single-row and double-row products. Now you have more options from a dependable supplier known for quality and performance.

CAGE OPTIONS

Brass Cage: Single-row angular contact ball bearings are available with brass cages for extra strength and durability in the most unrelenting conditions.

Polyamide Cage: Single-row and double-row angular contact ball bearings with molded polyamide 66 glass fiber reinforced cages can provide additional misalignment capability and offer reduced functional torque.

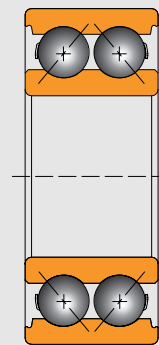
Steel Cage: Double-row angular contact ball bearings with pressed-steel cages are rigid and strong, making them the preferred choice for most applications.

BEARING TYPES

Our design offering includes a range of single-row universally matched, single-row standard, and double-row products with different cage types, contact angles and tolerances.



SINGLE ROW



DOUBLE ROW

PRODUCT FEATURES

- » Enhanced raceway finish
- » Quiet running
- » High-speed capabilities
- » Robust seals
- » Premium Mobil Polyrex™ EM lubricants

THE PARTS YOU NEED — FAST

Part availability coupled with a robust stocking program means fast access to our most in-demand products.

GET THE MOST OUT OF YOUR OPERATIONS

Every Timken angular contact ball bearing is backed by premium customer service, leveraging our global sales and distribution network. It is also supported by the knowledge of our industry-leading experts. They are ready to assist you with product design, application knowledge and field engineering support – anything you need to help improve uptime and maximize equipment performance.

ANGULAR CONTACT BALL BEARING NOMENCLATURES

SINGLE-ROW UNIVERSALLY MATCHED DESIGN

Contact Angle = 40°

72	06	B	M	/	CN								
Series Code 72 Light Series 73 Medium Series	Bore Code 00 10 mm 01 12 mm 02 15 mm 03 17 mm 04 and up: Code x 5	Contact Angle B 40°	Cage Design M Machined Brass TN1 Molded Polyamide 66		<table border="0"> <tr> <td>Preload⁽¹⁾</td> <td>Axial Clearance⁽¹⁾</td> </tr> <tr> <td>UL Light</td> <td>CN Normal</td> </tr> <tr> <td>UM Medium</td> <td>CL Larger than CN</td> </tr> <tr> <td>UH Heavy</td> <td>CS Smaller than CN</td> </tr> </table> <p><small>⁽¹⁾Two bearings arranged face-to-face or back-to-back will have the above axial clearance or preload.</small></p>	Preload⁽¹⁾	Axial Clearance⁽¹⁾	UL Light	CN Normal	UM Medium	CL Larger than CN	UH Heavy	CS Smaller than CN
Preload⁽¹⁾	Axial Clearance⁽¹⁾												
UL Light	CN Normal												
UM Medium	CL Larger than CN												
UH Heavy	CS Smaller than CN												

SINGLE-ROW STANDARD DESIGN

72	06	B	TN1
Series Code 72 Light Series 73 Medium Series	Bore Code 00 10 mm 01 12 mm 02 15 mm 03 17 mm 04 and up: Code x 5	Contact Angle B 40°	Cage Design M Machined Brass TN1 Molded Polyamide 66



DOUBLE-ROW DESIGN

Contact Angle = 30°

32	06	A	J	/	2RS	C3
Series Code 32 Light Series 33 Medium Series	Bore Code 00 10 mm 01 12 mm 02 15 mm 03 17 mm 04 and up: Code x 5	Contact Angle A 30°	Cage Design J Pressed Steel TN1 Molded Polyamide 66		Seals/Shields Blank Open ZZ Shields 2RS Contact Seals	Axial Internal Clearance C2 Smaller than C0 C0/Blank Normal C3 Larger than C0 C4 Larger than C3

PRODUCT RANGE

Series		7200		7300		3200		3300	
Contact Angle		40°		40°		30°		30°	
Cage Material		TN1	M	TN1	M	TN1	J	TN1	J
Bore Code	Bore Size mm	Single Row				Double Row			
00	10								
01	12								
02	15								
03	17								
04	20								
05	25								
06	30								
07	35								
08	40								
09	45								
10	50								
11	55								
12	60								
13	65								
14	70								
15	75								
16	80								
17	85								
18	90								
19	95								
20	100								
21	105								
22	110								
24	120								
26	130								

Cage Material:
 TN1 Molded Polyamide 66
 M Machined Brass
 J Pressed Steel

Bearing Types	Tolerance Class
Single-Row Standard Design	P0
Single-Row Universally Matched Design	P5
Double-Row Design	P0

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets bearings, gear drives, automated lubrication systems, belts, brakes, clutches, chain, couplings, linear motion products and related power transmission rebuild and repair services.

Stronger. By Design.

www.timken.com



RJ International SAS

SIEGE SOCIAL

VITROLLES - Parc de la Bastide Blanche Bat B2 - BP 60122 -13744 Vitrolles Cedex
Tel. 04.42.75.29.57 - Fax 04.42.89.24.80
info@rj-international.fr

NOS AGENCES

AVIGNON - 480 Avenue du Clapier - ZA du Couquiou - 84320 Entraigues-sur-la-Sorgue - Tel. 04.90.33.29.20

DUNKERQUE - 377 rue du Luxembourg - ZI Pont Loby - 59640 Dunkerque - Tel. 03.28.25.93.93

PARIS - Parc Descartes Bat 5- 7-11 Allée des Carrières - 93150 Le Blanc Mesnil - Tel. 01.49.89.27.29

TOULON - 116 Avenue de Digne - ZI Toulon-Est - 83130 La Garde - Tel. 04.94.08.10.22

VITROLLES - Parc de la Bastide Blanche Bat B2 - 13127 Vitrolles - Tel. 04.42.75.29.57



Suivez-nous sur LinkedIn !

Flashez le QR code pour découvrir notre page LinkedIn

Gruppo Bianchi

SINCE 1921

Bianchi Industrial Spa a socio unico

20125 **MILANO**
Via Zuretti, 100
Tel. +02 6786.1
www.bianchi-industrial.it
info@bianchi-industrial.it

Rodamientos Feyc SA

08940 **BARCELONA**
(Cornella de Llobregat)
Progrés, 127-133 Pol. Almeda
Tel. +34 934 740464
www.feyc.es - feyc@feyc.es

Rodamientos Feyc SA Sucursal em Portugal

4475-122 **MAIA** (Porto)
Rua do Castanhal, 682
ZI da Maia Sector II
Tel. +351 229 478950
www.rfportugal.com
info@rfportugal.com

RJ International Sas

13127 **VITROLLES** -SWEN
Parc de la Bastide Blanche
Bât B2
Tel. +33 (0)4 42752957
www.rj-international.eu
info@rj-international.fr

Antifriction Components Ltd

BS4 3QB **BRISTOL**
Unit A, Causeway Central
Pioneer Park
Tel. +44 (0) 117 9588908
www.antifriction.co.uk
info@antifriction.co.uk