

Term index

Page numbers in bold indicate detailed pages.

Term	Page	Term	Page
A adapter	A6, A10, A91, A136 , A145	constant pressure preloading	A112 , A113
additives	A124, A125 , A128, A154	contact angle	A1 , A5, A6, A9, A39, A54, A56, A103, A116
allowable aligning angle	B125 , B293 , B355	contact angle code	A54 , A56, A57
allowable axial load	A14, A44 , A49, B141	contamination factor	A27, A29
allowable misalignment	B7 , B58 , B141 , B187 , B337	corrosion	A154 , A155
amount of grease	A117	crack	A141, A150, A152 , A153 , A156, A157
amount of mist	A121, A123	cracking	A150, A152 , A153 , A156, A157
amount of preload	A15, A112 , A113 , A114 , A116, A147	creeping	A24, A86, A156
axial internal clearance	A99 , A103, A104, A111	cup grease	A124 , A137
B base oil	A124 , A126	D damage to cage	A156
basic number	A54 , A56	diameter series	A17, A44, A49, A52 , A53, A55
basic rating life	A24 , A25, A26, A27	dimension series	A9, A16, A17, A52 , A53, A54, A55
bearing arrangement	A14, A20 , A21, A22, A23	discoloration	A154 , A155
bearing ring	A1 , A5, A6, A54, A56, A130	dismounting	A15, A17, A148 , A149
bearing series	A54 , A55, A56, A57	distribution load	A43
bearing steel	A57, A88, A101, A130 , A131	dynamic equivalent load	A14, A24, A25, A38 , A40, A49, A84
bentone	A124 , A125	dynamic load rating	A14, A24 , A25, A26, A38, A46, A48, A49, A51, A84, A130
bore diameter number	A52 , A54, A56, A114	E effective clearance	A99 , A100
brinelling	A141, A147, A152 , A153 , A154, A155, A156, A157	effective interference	A88 , A89 , A101, A143
C cage	A1 , A4, A5, A6, A7, A8, A9, A10, A11, A12, A13, A14, A54, A56, A57, A85, A130, A132, A156	electric pitting	A154
cage material / shape code	A57	end plate	A136
calcium complex soap	A125	equivalent axial load	B141 , B337 , B355
calcium grease	A124 , A137	equivalent radial load	B7 , B58 , B59, B125 , B141 , B187 , B293
calcium soap	A124	extreme pressure agent	A29, A125
calculated interference	A88	F failure	A24 , A152, A153, A154, A155, A156, A157
case hardened steel	A130	fatigue load limit	A26, A27, A29
chamfer	A4, A11	feeding interval	A118
chamfer dimension	A52 , A58, A78, A133, A134	fiber grease	A124
clearance fit	A86 , A87 , A90, A111, A142, A153	fillet	A133 , A134 , A141, A153
comparison of performance	A14, A16, A18	filling slot	A4 , A5, A18, A55, B57
complex base grease	A125	fit	A15, A86 , A87, A88, A89, A100, A101, A133, A134, A142, B7 , B57 , B125 , B140 , B186 , B293 , B337 , B355 , B376
consistency	A125 , A126, A127, A137		

Term index

Page numbers in bold indicate detailed pages.

Term	Page	Term	Page
flaking	A24, A147, A150, A152, A153	limiting speed	A15, A16, A84, A85
flinger	A137, A138	lithium complex soap	A125
fluorine compounds	A124, A125	lithium grease	A124
forced oil circulation	A85, A122	lithium soap	A124
fretting	A24, A156, A157	load center	A5, A6, A9, A39, A113
frictional coefficient	A85, A122	load coefficient	A32, A34, A38, A42, A50
G gear coefficient	A34, A50	locating snap ring	A4, A53, A56
grease	A57, A117, A118, A124, A125, A126, A140	lubricant	A14, A15, A29, A117, A124, A140, A141, A147, A151, A155, A157
grease code	A57	lubricating oil	A121, A122, A124, A128, A129
grease lubrication	A29, A44, A84, A117, A137, A140	lubrication	A117
grease service life	A15, A118, A119	lubrication conditions	A14, A29
H heavy preload	A57, A114, A115	lubrication groove	A7, A8, A9, A10, A56, A123, A137, B292
height series	A52, A53	lubrication hole	A7, A8, A9, A10, A56, A123, B292
HM	A139	lubrication method	A15, A85, A117, A153, A155, A157
HMA	A139	M maintenance	A150
HMS	A139	material	A14, A130, A132, A140
HMSA	A139	material code	A57
HMSAH	A139	measured clearance	A99, A102, A103
HMSH	A139	measuring method	A80
I inner case	A139	medium preload	A57, A114, A115
inner ring back face rib	A9	MH	A139
inner ring front face rib	A9, A10	MHA	A139
inspection	A150	MHS	A139
inspection of shaft and housing	A141	MHSA	A139
interference	A21, A23, A86, A88, A89, A93, A96, A111, A115, A142, A143, A144, A148, A153, A157	mineral oil	A124, A125, A126, A128
interference fit	A86, A87, A90, A111, A142, A148	minor lip	A139
internal clearance	A15, A54, A57, A99, B57, B186, B376	modified rating life	A26, A27
internal design code	A54, A56	mounting	A15, A17, A141, A142, A143, A144, A145, A146
J J series	A94, A59, A72	mounting design	A136
K kinematic viscosity	A29, A30, A128, A129	mounting dimensions	A15, A134
L labyrinth	A137, A138	MS	A139
life	A14, A24, A40, A46, A48, A50, A114, A117, A130, A152	N nicks	A152, A153
life modification factor	A26, A27, A28	NLGI	A125, A127
life modification factor for reliability	A27	noise	A147
light preload	A57, A114, A115	non-soap base grease	A124, A125
		NR	A4, A56
		O oil / air lubrication	A85, A122
		oil bath	A120

Term	Page	Term	Page
oil drip	A120	service life of bearing system	A30
oil jet lubrication	A85, A121, A122	shaft and housing design	A133
oil lubrication	A13, A44, A47, A49, A84, A117, A120	shaft locknut	A136
oil mist lubrication	A123	shrink fit	A142, A144
oil seal	A139, A140	slight preload	A57, A114, A115
oil splash	A120	smearing	A154, A155
operating clearance	A99, A100, A101	snug fit	A86
original clearance	A99, A100	sodium grease	A124
oxidation inhibitor	A125, A128	sodium soap	A124
P pear skin	A154, A155	spacer code	A57
position preloading	A112, A113	spray lubrication	A121
preload	A16, A57, A112, A113, A155, A157	standard cage	B7, B58, B125, B140, B186, B293, B337, B355
preload code	A57	stand-out	A5, A9, A56, A112
press fit	A142, A143	static equivalent load	A14, A42, A43
R radial internal clearance	A57, A99, A102, A104, A105, A106, A108, A110, A111, A145, A146, B7, B125, B140, B293	static load rating	A14, A24, A42, A43, A88
RD	A4, A56	stationary inner ring load	A87, A90, A98
recommended fits	A90, A91, A92, A93, A94, A95, A96, A97, A98, A114, A115	stationary outer ring load	A87, A90, A98
required service life	A14, A25, A31, A48, A49	storage	A141
residual clearance	A99, A100, A146	structure	A1
rib	A7, A8, A44	supplementary code	A5, A9, A10, A54, A57
rolling element	A1, A6, A16, A24, A29, A42, A101, A130, A147, A156	synthetic oil	A124, A125, A128
rotating inner ring load	A87, A90, A94, A95, A96, A97, A98	T tapered bore	A6, A7, A10, A17, A52, A54, A56, A58, A61, A63, A76, A80, A91, A105, A107, A136, A142, A145, A146, A149
rotating outer ring load	A87, A90, A94, A95, A96, A97, A98	test run	A146
RS	A4, A5, A6, A8, A56, A85	thickener	A124, A125, A126
RU	A4, A56	tolerance	A58, A59, B7, B57, B125, B140, B186, B293, B337, B355, B368
rubbing speed	A85, A140	tolerance class	A15, A54, A57, A58, A59, A93, A94, A95, A96, A97
rust	A154, A155	transition fit	A86, A90
S safety coefficient	A14, A43	U urea compounds	A124, A125
scratch	A154, A155	V viscosity grade	A129
scuffing	A154, A155	viscosity ratio	A27, A29
seal code	A56	W wear	A24, A156, A157
sealing device	A15, A137, A138, A139, A140	width series	A17, A52, A53, A55
sealing edge	A139	withdrawal sleeve	A10, A91, A136, A145
sealing lip	A139	Z Z	A4, A5, A54, A56
seizure	A24, A153, A154, A156		

GLOBAL NETWORK

http : // www. jtekt. co. jp

For further information on our products, please contact your nearest office.

OFFICES

KOYO CANADA INC.

3800A Laird Road, Units 4 & 5 Mississauga, Ontario L5L 0B2,
CANADA
TEL : 1-905-820-2090
FAX : 1-877-326-5696

JTEKT NORTH AMERICA CORPORATION**-Main Office-**

47771 Halyard Drive, Plymouth, MI 48170, U.S.A.
TEL : 1-734-454-1500
FAX : 1-734-454-7059

-Cleveland Office-

29570 Clemens Road, P.O.Box 45028, Westlake,
OH 44145, U.S.A.
TEL : 1-440-835-1000
FAX : 1-440-835-9347

-Chicago Office-

316 W University Dr., Arlington Heights, IL 60004, U.S.A.
TEL : 1-847-253-0340
FAX : 1-847-253-0540

KOYO MEXICANA, S.A. DE C.V.

Av. Insurgentes Sur 2376-505, Col. Chimalistac, C.P. 01070,
Del. Alvaro Obregón, México, D.F.
TEL : 52-55-5207-3860
FAX : 52-55-5207-3873

KOYO LATIN AMERICA, S.A.

Edificio Banco del Pacifico, Planta Baja, Calle Aquilino de la
Guardia y Calle 52, Panama, REPUBLICA DE PANAMA
TEL : 507-208-5900
FAX : 507-264-2782/507-269-7578

KOYO ROLAMENTOS DO BRASIL LTDA.

Avenida Brigadeiro Faria Lima, 1744 - 1st Floor - C.J. 11, Jardim
Paulistano, São Paulo - SP - Brazil CEP 01451-001
TEL : 55-11-3372-7500
FAX : 55-11-3887-3039

KOYO MIDDLE EAST FZE

6EA 601, Dubai Airport Free Zone, P.O. Box 54816, Dubai, U.A.E.
TEL : 97-1-4299-3600
FAX : 97-1-4299-3700

KOYO BEARINGS INDIA PVT. LTD.

506-507, 5th Floor, Suncity Business Tower, Golf Course
Road, Sector-54, Gurgaon-122002, Haryana, INDIA
TEL : 91-124-4264601/03
FAX : 91-124-4288355

JTEKT (THAILAND) CO., LTD.

172/1 Moo 12 Tambol Bangwua, Amphur Bangpakong,
Chachoengsao 24180, THAILAND
TEL : 66-38-533-310~7
FAX : 66-38-532-776

PT. JTEKT INDONESIA

Jl. Surya Madya Plot I-27b, Kawasan Industri Surya Cipta,
Kutanegara, Ciampel, Karawang Jawa Barat, 41363 INDONESIA
TEL : 62-267-8610-270
FAX : 62-267-8610-271

KOYO SINGAPORE BEARING (PTE.) LTD.

27, Penjuru Lane, Level 5, Phase 1 Warehouse #05-01.
SINGAPORE 609195
TEL : 65-6274-2200
FAX : 65-6862-1623

PHILIPPINE KOYO BEARING CORPORATION

6th Floor, One World Square Building, #10 Upper McKinley
Road, McKinley Town Center Fort Bonifacio, 1634 Taguig City,
PHILIPPINES
TEL : 63-2-856-5046/5047
FAX : 63-2-856-5045

JTEKT KOREA CO., LTD.

Seong-do Bldg 13F, 207, Dosan-dearo, Gangnam-Gu, Seoul,
KOREA
TEL : 82-2-549-7922
FAX : 82-2-549-7923

JTEKT (CHINA) CO., LTD.

Room 25A2, V-CAPITAL Building, 333 Xianxia Road, Changning
District, Shanghai 200336, CHINA
TEL : 86-21-5178-1000
FAX : 86-21-5178-1008

KOYO AUSTRALIA PTY. LTD.

Unit1/17 Stanton Road, Seven Hills, NSW, 2147, AUSTRALIA

JTEKT EUROPE BEARINGS B.V.

Markerkant 13-01, 1314 AL Almere, THE NETHERLANDS
TEL : 31-36-5383333
FAX : 31-36-5347212

-Benelux Branch Office-

Energieweg 10a, 2964 LE, Groot-Ammers, THE NETHERLANDS
TEL : 31-184-606800
FAX : 31-184-606857

KOYO KULLAGER SCANDINAVIA A.B.

Johanneslundsvägen 4, 194 61 Upplands Väsby, SWEDEN
TEL : 46-8-594-212-10
FAX : 46-8-594-212-29

KOYO (U.K.) LIMITED

Whitehall Avenue, Kingston, Milton Keynes MK10 0AX,
UNITED KINGDOM
TEL : 44-1908-289300
FAX : 44-1908-289333

KOYO DEUTSCHLAND GMBH

Bargkoppelweg 4, D-22145 Hamburg, GERMANY
TEL : 49-40-67-9090-0
FAX : 49-40-67-9203-0

KOYO FRANCE S.A.

1 rue François Jacob, 92500, Rueil Malmaison, FRANCE
TEL : 33-1-4139-8006/18

KOYO IBERICA, S.L.

Centro de Negocios, Call La Mancha no.1, oficina 1.2 28823
coslada, Madrid, SPAIN
TEL : 34-91-329-0818
FAX : 34-91-747-1194

KOYO ITALIA S.R.L.

Via Stephenson 43/a 20157 Milano, ITALY
TEL : 39-02-2951-0844
FAX : 39-02-2951-0954

-Romanian Representative Office-

24, Lister Street, ap. 1, sector 5, Bucharest, ROMANIA
TEL : 40-21-410-4182
FAX : 40-21-410-1178

PUBLISHER

JTEKT CORPORATION NAGOYA HEAD OFFICE

No.7-1, Meieki 4-chome, Nakamura-ku, Nagoya, Aichi 450-8515, JAPAN TEL:81-52-527-1900 FAX:81-52-527-1911

JTEKT CORPORATION OSAKA HEAD OFFICE

No.5-8, Minamisemba 3-chome, Chuo-ku, Osaka 542-8502, JAPAN TEL:81-6-6271-8451 FAX:81-6-6245-3712

Sales & Marketing Headquarters

No.5-8, Minamisemba 3-chome, Chuo-ku, Osaka 542-8502, JAPAN TEL:81-6-6245-6087 FAX:81-6-6244-9007

Koyo® Ball & Roller Bearings



CAT. NO. B2001E-7
Printed in Japan '17.09-3CDS ('06.1)

JTEKT

JTEKT CORPORATION