

Double-Row Ball Screw Support Bearing Interchange



When you choose Timken® Fafnir® bearings for your ball screw applications, you receive products made from world-class steel specifications and backed by a global leader known for quality, reliability and performance. Quality begins long before our machine tool bearings are manufactured and extends long after they are installed. We design bearings for optimum performance and long life, helping to maximize your initial investment and minimize your replacement costs.

Timken® Fafnir® bearings offer a variety of benefits:

- Clean steel for longer service life
- Tighter preload tolerances for chatter-free cutting
- ABEC 9/ISO P2 axial running tolerances for higher accuracy
- Tighter width tolerances for easy fit without regrinding end caps
- Prelubricated with high-performance grease
- Broad availability for increased machine uptime

Flanged Series

ZKLF / MMF SERIES

INA	Timken
ZKLF1255.2RS	MMF512BS55PP DM
ZKLF1560.2RS	MMF515BS60PP DM
ZKLF1762.2RS	MMF517BS62PP DM
ZKLF2068.2RS	MMF520BS68PP DM
ZKLF2575.2RS	MMF525BS75PP DM
ZKLF3080.2RS	MMF530BS80PP DM
ZKLF3590.2RS	MMF535BS90PP DM
ZKLF40100.2RS	MMF540BS100PP DM
ZKLF50115.2RS	MMF550BS115PP DM
ZKLF50140.2RS	MMF550BS140PP DM
ZKLF60145.2RS	MMF560BS145PP DM

Non-Flanged Series

ZKLN / MMN SERIES

INA	Timken
ZKLN1242.2RS	MMN512BS42PP DM
ZKLN1545.2RS	MMN515BS45PP DM
ZKLN1747.2RS	MMN517BS47PP DM
ZKLN2052.2RS	MMN520BS52PP DM
ZKLN2557.2RS	MMN525BS57PP DM
ZKLN3062.2RS	MMN530BS62PP DM
ZKLN3572.2RS	MMN535BS72PP DM
ZKLN4075.2RS	MMN540BS75PP DM
ZKLN5090.2RS	MMN550BS90PP DM
ZKLN50110.2RS	MMN550BS110PP DM
ZKLN60110.2RS	MMN560BS110PP DM

Timken Closure Nomenclature – Shield: DD = INA .2Z , Seal: PP = INA .2RS
Timken Quad Nomenclature – QM = INA 2AP

Single-Row Ball Screw Support Bearing Interchange

Bore	OD	Width Single
mm	mm	mm
12	32	10
15	35	11
17	40	12
17	47	15
20	47	15
20	47	15,875
23,838	62	15,875
25	52	15
25	62	15
30	62	15
30	72	15
35	72	15
35	100	20
38,100	72	15,875
40	72	15
40	90	15
40	90	20
40	90	23
40	100	20
44,475	76,200	15,875
45	75	15
45	100	20
50	90	15
50	100	20
55	90	15
55	120	20
57,150	90	15,875
60	120	20
75	110	15
76,200	110	15,875
100	150	20
101,600	145	22,225

- New expanded sizes
- Reactivated sizes

Timken	FAG	BARDEN	NSK	SKF	NTN	SNFA
MM12BS32DUH	7602012TVP			BSA201C / DB B		BS 212 DD
MM15BS35DUH	7602015TVP			BSA202C / DB B		BS 215 DD
MM17BS40DUH	7602017TVP					BS 217 DD
MM17BS47DUH			17TAC47B DB C10		BST17X 47-1B DF P4	
MM20BS47DUH	BSB020047T		20TAC47B DB C10	BSD2047C / DB B	BST20X 47-1B DF P4	BS 20/47 DD
MM9306WI2H DUH		L078H DF	20TAC47XB DB C11	BDAB634200C / DB B		
MM9308WI2H DUH		L093H DF	23TAC62B DB C11	BDAB634201C / DB B		
MM25BS52DUH	7602025TVP			BSA205C / DB B		BS 225 DD
MM25BS62DUH	BSB025062T		25TAC62B DB C10	BSD2562C / DB B	BST25X 62-1B DF P4	BS 25/62 DD
MM30BS62DUH	BSB030062T		30TAC62B DB C10	BSD3062C / DB B	BST30X 62-1B DF P4	BS 30/62 DD
MM30BS72DUH						
MM35BS72DUH	BSB035072T		35TAC72B DB C10	BSD3572C / DB B	BST35X 72-1B DF P4	BS 35/72 DD
MM35BS100DUH						
MM9310WI2H DUH		L150H DF	38TAC72B DB C11	BDAB634202C / DB B		
MM40BS72DUH	BSB040072T		40TAC72B DB C10	BSD4072C / DB B	BST40X 72-1B DF P4	
MM40BS90DUH						
MM40BS90-20DUH	BSB040090T		40TAC90B DB C10	BSD4090C / DB B	BST40X 90-1B DF P4	
MM40BS90-23DUH	7603040TVP			BSA308C / DB B		
MM40BS100DUH						
MM9311WI3H DUH		L175H DF	44TAC76B DB C11	BDAB634203C / DB B		
MM45BS75DUH	BSB045075T		45TAC75B DB C10	BSD4575C / DB B	BST45X 75-1B DF P4	
MM45BS100DUH	BSB045100T		45TAC100B DB C10	BSD45100C / DB B	BST45X 100-1B DF P4	
MM50BS90DUH						
MM50BS100DUH	BSB050100T		50TAC100B DB C10	BSD50100C / DB B	BST50X 100-1B DF P4	
MM55BS90DUH	BSB055090T					
MM55BS120DUH	BSB055120T		55TAC120B DB C10		BST55X 120-1B DF P4	
MM9313WI5H DUH		L225H DF	57TAC90A DB C11			
MM60BS120DUH	BSB060120T		60TAC120B DB C10		BST60X 120-1B DF P4	
MM75BS110DUH	BSB075110T					
MM9316WI3H DUH		L300H DF	76TAC110A DB C11			
MM100BS150DUH						
MM9321WI3 DUH			101TAC145A DB C11			
Suffix: D (two bearings) T (three bearings) Q (four bearings)	Suffix: sold as single row bearings only (SU) Order 2 for duplex set Order 3 for triplex set Order 4 for quad set	Suffix: DB (back-to-back) DF (face-to-face) DT (tandem)	Suffix: DB (back-to-back) DF (face-to-face) DT (tandem)	Suffix: / DB (back-to-back) / DF (face-to-face) / DT (tandem)	Suffix: pairs sold as DF (equiv to universal duplex 'DU' set)	Suffix: DD (back-to-back) FF (face-to-face) T (tandem)

Timken®, Torrington® and Fafnir® are the
registered trademarks of The Timken Company
www.timken.com

©2005 The Timken Company
Printed in the U.S.A.
15M-06-05-06 Order No. 5884

TIMKEN
Where You Turn