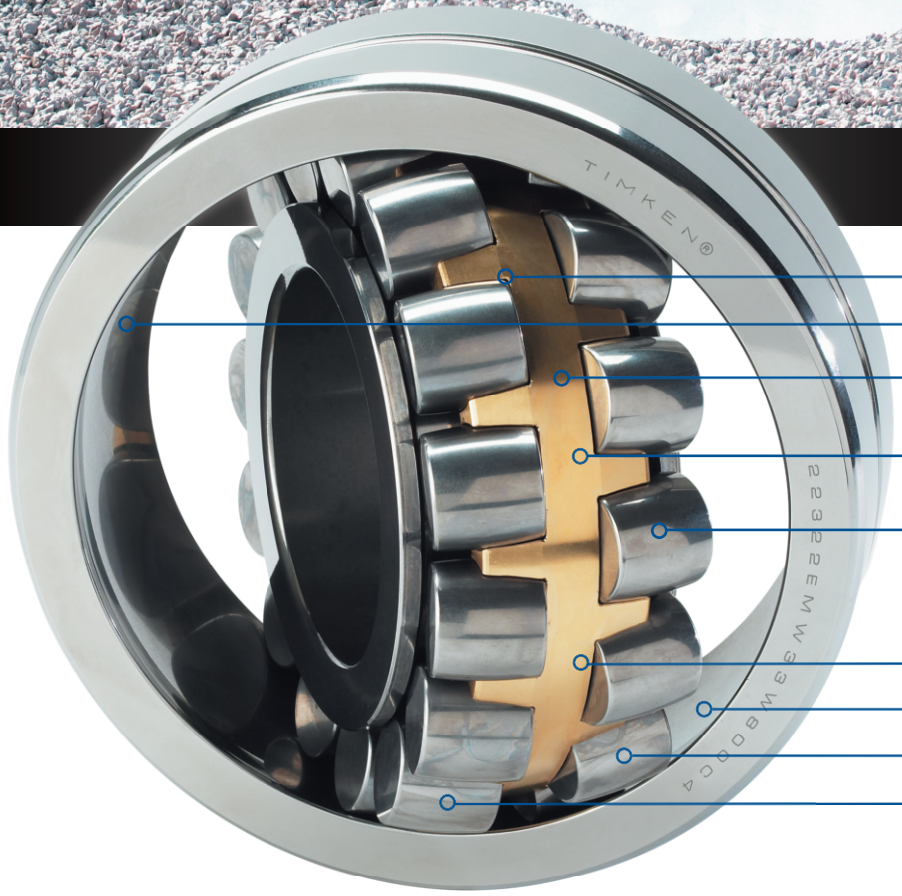
TIMKEN

TIMKEN® SHAKER SCREEN SPHERICAL ROLLER BEARING INTERCHANGE GUIDE



Features

- Enhanced roller and race surface finishes
- High-strength fully machined brass cage
- Optimized roller and cage pocket design
- Longer rollers due to no center guide ring

Benefits

- Longer bearing and lubrication life
- Lower operating temperatures
- Industry leading load ratings
- Reduced friction

TIMKEN® SPHERICAL ROLLER BEARINGS FOR SHAKER SCREENS

Timken® spherical roller bearings are ideally suited for shaker screen applications because they are manufactured from the finest steels to the highest quality standards. Our standard bearing material minimizes the impact of debris in harsh environments, like those commonly found in the aggregate industry. At the core of the design is a fully machined brass cage for greater durability and cooler operation. New surface finishing techniques on the roller and raceway surfaces further enhance these benefits.

23 SERIES

mm	TIMKEN PART NUMBER	FAG	SKF	NSK	NTN
40	22308EMW33W800C4	22308-E1-T41A	22308E/VA405	22308HE4C4U15-VS	22308EF800
45	22309EMW33W800C4	22309-E1-T41A	22309E/VA405	22309HE4C4U15-VS	22309EF800
50	22310EMW33W800C4	22310-E1-T41A	22310E/VA405	22310HE4C4U15-VS	22310EF800
55	22311EMW33W800C4	22311-E1-T41A	22311E/VA405	22311CAME4C4U15-VS	22311EF800
60	22312EMW33W800C4	22312-E1-T41A	22312E/VA405	22312CAME4C4U15-VS	22312EF800
65	22313EMW33W800C4	22313-E1-T41A	22313E/VA405	22313CAME4C4U15-VS	22313EF800
65	22313EMW800C4	-	-	-	-
70	22314EMW33W800C4	22314-E1-T41A	22314E/VA405	22314CAME4C4U15-VS	22314EF800
70	22314EMW800C4	-	-	-	-
75	22315EMW33W800C4	22315-E1-T41A	22315EJA/VA405	22315CAME4C4U15-VS	22315EF800
75	22315EMW800C4	-	-	-	-
75.054	22315EMW47W22C3	-	22315EJA/VA414 [1]	-	-
80	22316EMW33W800C4	22316-E1-T41D	22316EJA/VA405	22316CAME4C4U15-VS	22316EF800
85	22317EMW33W800C4	22317-E1-T41D	22317EJA/VA405	22317CAME4C4U15-VS	22317EF800
85	22317EMW800C4	-	-	-	-
90	22318EMW33W800C4	22318-E1-T41D	22318EJA/VA405	22318CAME4C4U15-VS	22318EF800
90	22318EMW800C4	-	-	-	-
80	22318EMW810C4	-	-	-	-
95	22319EMW33W800C4	22319-E1-T41D	22319EJA/VA405	22319CAME4C4U15-VS	22319EF800
95	22319EMW800C4	-	-	-	-
95.067	22319EMW47W22C3	-	22319EJA/VA414 [1]	-	-
90	22319EMW810C4	545173.C3.F80	-	-	-
100	22320EMW33W800C4	22320-E1-T41D	22320EJA/VA405	22320CAME4C4U15-VS	22320EF800
110	22322EMW33W800C4	22322-E1-T41D	22322EJA/VA405	22322CAME4C4U15-VS	22322EF800
110	22322EMW800C4	-	-	-	-
110.071	22322EMW47W22C3	-	22322EJA/VA414 [1]	-	-
100	22322EMW810C4	521097C3.F80	-	-	-
120	22324EMW33W800C4	22324-E1-T41D	22324CCJA/W33VA405	22324CAME4C4U15-VS	22324UAVS2
120	22324EMW800C4	-	-	-	-
130	22326EMW33W800C4	22326-E1-T41D	22326CCJA/W33VA405	22326CAME4C4U15-VS	22326UAVS2
140	22328EMW33W800C4	22328-E1-T41D	22328CCJA/W33VA405	22328CAME4C4U15-VS	22328UAVS2
140	22328EMW800C4	-	-	-	-
140.076	22328EMW33W47W22C3	-	22328CCJA/W33VA414 [1]	-	-
150	22330EMBW33W800C4	22330-E1-T41D	22330CCJA/W33VA405	22330CAME4C4U15-VS	22330UAVS2
160	22332EMBW33W800C4	22332-E1-JPA-T41A	22332CCJA/W33VA405	22332CAME4C4U15-VS	22332UAVS2
160.091	22332EMBW33W47W22C4	-	22332CCJA/W33VA414 [1]	-	-
170	22334EMBW33W800C4	22334-E1-JPA-T41A	22334CCJA/W33VA405	22334CAME4C4U15-VS	22334EF800
180	22336EMBW33W800C4	22336-E1-JPA-T41A	22336CCJA/W33VA405	22336CAME4C4U15-VS	22336EMAD1VS2
190	22338EMBW33W800C4	22338-E1-JPA-T41A	22338CCJA/W33VA405	22338CAME4C4U15-VS	22338UAVS1
200	22340EMBW33W45AW800C4	22340-E1-JPA-T41A	22340CCJA/W33VA405	22340CAME4C4U15-VS	22340EMAD1VS2
220	22344EMBW33W45AW800C4	22344-E1-JPA-T41A	22344CCJA/W33VA405	-	-

33 SERIES

mm	TIMKEN PART NUMBER	FAG	SKF	NSK	NTN
90	23318EMW33W800C4	23318-AS-MA-T41A	453318EJA/VA405	-	23318VS2
110	23322EMW33W800C4	23322-AS-MA-T41A	453322EJA/VA405	23322CAME4C4U15-VS	23322VS2
100	23322EMW810C4	532689.C3.F80	-	-	-
110	23322EMW800C4	-	-	-	-
120	23324EMW33W800C4	23324-AS-MA-T41A	453324CCJA/W33VA405	23324CAME4C4U15-VS	-
120	23324EMW800C4	-	-	-	-
120	23326EMW810C4	533520.C3.F80	-	-	-
130	23326EMW33W800C4	23326-AS-MA-T41A	453326CCJA/W33VA405	23326CAME4C4U15-VS	-
130	23326EMW33W49C4	545172.C3.F80	-	-	-
140	23328EMBW33 W800C4	23328-AS-MA-T41A	453328CCJA/W33VA405	23328CAME4C4U15-VS	-
140	23328EMBW800C4	-	-	-	-
140.076	23328EMBW33W47W22C3	23328-AS-MA-T41B-C3	453328CCJA/W33VA414 [1]	-	-
150	23330EMBW33W800C4	23330-A-MA-T41A	453330CCJA/W33VA405	23330CAME4C4U15-VS	-
160	23332EMBW33W800C4	23332-A-MA-T41A	453332CCJA/W33VA405	23332CAME4C4U15-VS	23332VS2
160	23332EMBW800C4	-	-	-	-
160.091	23332EMBW33W47W22C4	23332-A-MA-T41B	453332CCJA/W33VA414 [1]	-	-
200	23340EMBW33W45AW800C4	23340-A-MA-T41A	-	-	-

[1] SKF: VA414 = VA405 + SPECIAL ALLIS-CHALMERS BORE DIMENSIONS

NOTE: Some sizes of Timken spherical roller bearings are available with a tapered bore, additional clearances such as C3 clearance, EJ stamped steel cage and other modification codes. Contact your Timken sales representative for more information.

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 high-performance mechanical components, including bearings, belts, chain, gears and related mechanical power transmission products and services.

Stronger. By Design.

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