

X-life

proven to be better

We pioneer motion

FAG Spherical Roller Bearings for Vibratory Applications



223 22-E1A-XL-MA-T41A

SERIES

223 Medium
233 Heavy

BORE DIAMETER

08-48 Bore diameter = bore reference code x 5 (mm)

INTERNAL BEARING DESIGN

E1 Stamped steel cage, OD ≤ 320mm
E1A Machined brass cage, OD ≤ 320mm
BE Stamped steel cage, OD > 320mm
BEA Machined brass cage, OD > 320mm

XL

X-life performance

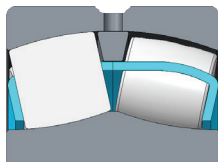
CAGE DESIGN

no suffix Stamped steel cage, outer ring guided for ≤ 320mm
JPA Stamped steel cage, outer ring guided for > 320mm
M Machined brass cage, roller guided
MA Machined brass cage, outer ring guided
MA1 Machined brass cage, outer ring guided

ADDITIONAL SUFFIXES

T41A Restricted tolerances bearing bore and outside diameter and radial internal clearance C4 for vibratory applications
T41B T41A + oversized bore
T41D T41A + Durotect CK® coating, inner ring bore only

E1-XL / BE-XL-JPA



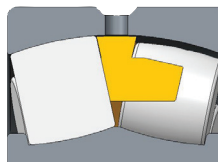
Stamped steel cage **X-life**
• Two-piece design
• Outer ring guided

E1A-M



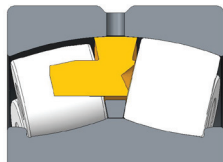
Machined brass cage **X-life**
• One-piece design
• Roller guided

E1A-XL-MA



Machined brass cage **X-life**
• One-piece design
• Outer ring guided

BEA-XL-MA1



Machined brass cage **X-life**
• One-piece design
• Outer ring guided
• Floating central rib

SCHAEFFLER

223 Series Spherical Roller Bearings for Vibratory Applications - Competitor Interchange

FAG P/N	SKF P/N	Timken P/N	NSK P/N
22308-E1-XL-T41A	22308 E/VA405	-	-
-	452308 M2/W502	22308 EMW33W800C4	22308CAME4C4VE
22309-E1-XL-T41A	22309 E/VA405	-	-
-	452309 M2/W502	22309 EMW33W800C4	22309CAME4C4VE
22310-E1-XL-T41A	22310 E/VA405	22310 EJW33W800C4	-
22310-E1A-XL-MA-T41A	452310 M2/W502	22310 EMW33W800C4	22310 CAME4C4VE
22311-E1-XL-T41A	22311 E/VA405	-	-
22311-E1A-XL-MA-T41A	452311 M2/W502	22311 EMW33W800C4	22311 CAME4C4VE
22312-E1-XL-T41A	22312 E/VA405	22312 EJW33W800C4	-
22312-E1A-XL-MA-T41A	452312 M2/W502	22312 EMW33W800C4	22312 CAME4C4VE
22313-E1-XL-T41A	22313 E/VA405	-	-
22313-E1A-XL-MA-T41A	452313 M2/W502	22313 EMW33W800C4	22313CAME4C4VE
22314-E1-XL-T41A	22314 E/VA405	22314 EJW33W800C4	-
22314-E1A-XL-MA-T41A	452314 M2/W502	22314 EMW33W800C4	22314CAME4C4VE
22315-E1-XL-T41A	22315 EJA/VA405	22315 EJW33W800C4	-
22315-E1A-XL-MA-T41A	452315 M2/W502	22315 EMW33W800C4	22315CAME4C4VE
22316-E1-XL-T41A	22316 EJA/VA405	22316 EJW33W800C4	-
22316-E1A-XL-MA-T41A	452316 M2/W502	22316 EMW33W800C4	22316CAME4C4VE
22317-E1-XL-T41D	22317 EJA/VA405	22317 EJW33W800C4	-
22317-E1A-XL-MA-T41A	452317 M2/W502	22317 EMW33W800C4	22317CAME4C4VE
22318-E1-XL-T41D	22318 EJA/VA405	22318 EJW33W800C4	-
22318-E1A-XL-MA-T41A	452318 M2/W502	22318 EMW33W800C4	22318CAME4C4VE
22319-E1-XL-T41D	22319 EJA/VA405	22319 EJW33W800C4	-
-	452319 M2/W502	22319 EMW33W800C4	22319CAME4C4VE
22320-E1-XL-T41D	22320 EJA/VA405	22320 EJW33W800C4	-
22320-E1A-XL-MA-T41A	452320 M2/W502	22320 EMW33W800C4	22320CAME4C4VE
22322-E1-XL-T41D	22322 EJA/VA405	22322 EJW33W800C4	-
22322-E1A-XL-MA-T41A	452322 M2/W502	22322 EMW33W800C4	22322CAME4C4VE
22324-E1-XL-T41D	22324 CCJAW33VA405	22324 EJW33W800C4	-
22324-E1A-XL-MA-T41A	452324 M2/W502	22324 EMW33W800C4	22324CAME4C4VE
22326-E1-XL-T41D	22326 CCJAW33VA405	22326 EJW33W800C4	-
22326-E1A-XL-MA-T41A	452326 M2/W502	22326 EMW33W800C4	22326CAME4C4VE
22328-E1-XL-T41D	22328 CCJAW33VA405	22328 EJW33W800C4	-
22328-E1A-XL-MA-T41A	452328 M2/W502	22328 EMW33W800C4	22328CAME4C4VE
22330-E1-XL-T41D	22330 CCJAW33VA405	22330 EJW33W800C4	-
22330-E1A-XL-MA-T41A	452330 M2/W502	22330 EMBW33W800C4	22330CAME4C4VE
22332-BE-XL-JPA-T41A	22332 CCJAW33VA405	-	-
22332-BEA-XL-MA1-T41A	452332 M2/W502	22332 EMBW33W800C4	22332CAME4C4VE
22334-BE-XL-JPA-T41A	22334 CCJAW33VA405	-	-
22334-BEA-XL-MA1-T41A	452334 M2/W502	22334 EMBW33W800C4	22334CAME4C4VE
22336-BE-XL-JPA-T41A	22336 CCJAW33VA405	-	-
22336-BEA-XL-MA1-T41A	452336 M2/W502	22336 EMBW33W800C4	22336CAME4C4VE
22338-BE-XL-JPA-T41A	22338 CCJAW33VA405	-	-
22338-BEA-XL-MA1-T41A	452338 M2/W502	22338 EMBW33W800C4	22338CAME4C4VE
22340-BE-XL-JPA-T41A	22340 CCJAW33VA405	22340 EJW33W45AW800C4	-
22340-BEA-XL-MA1-T41A	452340 M2/W502	22340 EMBW33W45AW800C4	22340CAME4C4VE
22344-BE-XL-JPA-T41A	22344 CCJAW33VA405	-	-
22344-BEA-XL-MA1-T41A	-	-	-

233 Series Spherical Roller Bearings for Vibratory Applications - Competitor Interchange

FAG P/N	SKF P/N	Timken P/N	NSK P/N
-	453318 EJA/VA405	-	-
-	-	23318 EMW33W800C4	-
-	453320 EJA/VA405	-	-
-	453322 EJA/VA405	-	-
23322-E1A-XL-MA1-T41A	453322 M2/W502	23322 EMW33W800C4	23322CAME4C4VE
-	453324 CCJAW33VA405	-	-
23324-E1A-XL-MA1-T41A	-	23324 EMW33W800C4	23324CAME4C4VE
-	453326 CCJAW33VA405	-	-
23326-E1A-XL-MA1-T41A	-	23326 EMW33W800C4	23326CAME4C4VE
-	453328 CCJAW33VA405	-	-
23328-E1A-XL-MA1-T41A	453328 M2/W502	23328 EMBW33W800C4	23328CAME4C4VE
-	453330 CCJAW33VA405	-	-
23330-E1A-XL-MA1-T41A	-	23330 EMBW33W800C4	23330CAME4C4VE
-	453332 CCJAW33VA405	-	-
23332-BEA-XL-MA1-T41A	453332 M2/W502	23332 EMBW33W800C4	23332CAME4C4VE
23334-BEA-XL-MA1-T41A	-	-	-
23336-BEA-XL-MA1-T41A	-	-	-
-	453338 CCJAW33VA405	-	-
23338-BEA-XL-MA1-T41A	-	-	23338CAME4C4VE
-	453340 CCJAW33VA405	-	-
23340-BEA-XL-MA1-T41A	-	23340 EMBW33W45AW800C4	23340CAME4C4VE
23344-BEA-XL-MA1-T41A	-	-	-