

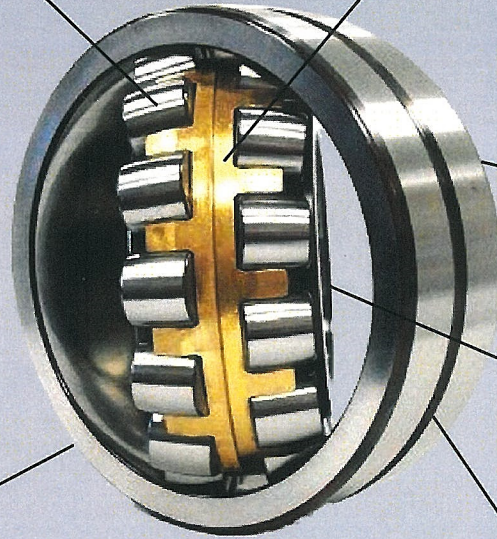
Spherical Roller Bearings For Vibrating Screens

Special Internal Clearance Range

- Upper Range of C4
- Specifically Used for Cooler Operating Temperatures

Heavy Duty Outer Ring Riding Machined Bronze Cage

- Positive Roller Guidance for Cooler and Quieter Operation
- Outer Ring Guided Cages Ensure Optimum Lubrication and Stability, Thereby Increasing Bearing Life



Materials

- Forged Inner and Outer Rings Yielding Better Grain Structure
- Vacuum Degassed Steel for Longer Life
- Cage Material is Centrifugally Cast High Tensile Bronze

Heat Stabilized Components

- Operating Temperatures Up to 392° F
- Reduces Expansion and Contraction During Changes in Temperature, thus Maintaining Proper Clearance and Shaft and Housing Fits

Special Reduced O.D. and Bore Tolerances

- Improved Shaft and Housing Fits Reduce Pounding Out Effects and Increase Bearing Life
- Ensures Sliding Fit on Inner Ring and Tight Fit on Outer Ring to Reduce the Chances of Damage to the Shaft and Housing

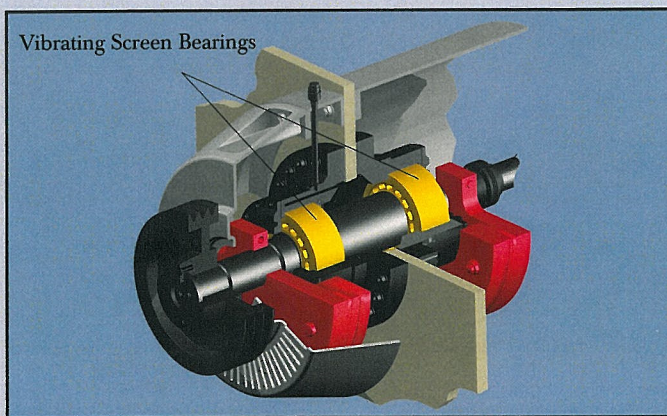


Photo Courtesy of HR International

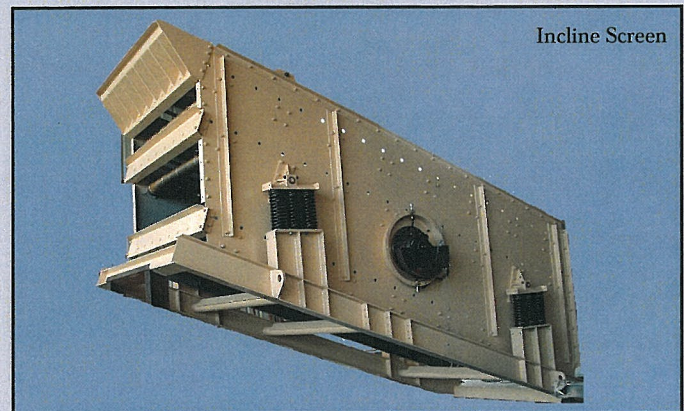
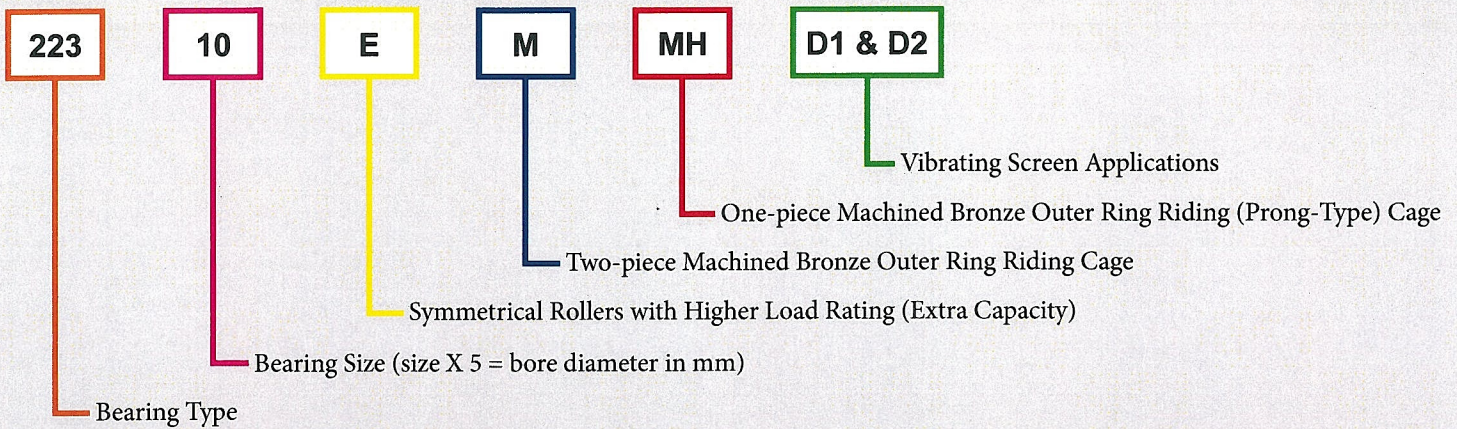


Photo Courtesy of HR International



ZKL Vibrating Screen Bearing Designations:



Interchange Table

ZKL	SKF	FAG	Timken/Torrington
22308EMHD1	22308 E/VA405	22308-E1-T41A	22308 YM W33 W800 C4
22310EMHD1	22310 E/VA405	22310-E1-T41A	22310 YM W33 W800 C4
22311EMHD1	22311 E/VA405	22311-E1-T41A	22311 YM W33 W800 C4
22312EMHD2	22312 E/VA405	22312-E1-T41A	22312 YM W33 W800 C4
22313EMHD2	22313 E/VA405	22313-E1-T41A	22313 YM W33 W800 C4
22314EMHD2	22314 E/VA405	22314-E1-T41A	22314 YM W33 W800 C4
22315EMHD2	22315 EJA/VA405	22315-E1-T41A	22315 YM W33 W800 C4
22316EMHD2	22316 EJA/VA405	22316-E1-T41A	22316 YM W33 W800 C4
22317EMHD2	22317 EJA/VA405	22317-E1-T41D	22317 YM W33 W800 C4
22318EMHD2	22318 EJA/VA405	22318-E1-T41D	22318 YM W33 W800 C4
22319EMHD2	22319 EJA/VA405	22319-E1-T41D	22319 YM W33 W800 C4
22320MD1	22320 EJA/VA405	22320-E1-T41D	22320 YM W33 W800 C4
22322MD1	22322 EJA/VA405	22322-E1-T41D	22322 YM W33 W800 C4
22324MD1	22324 CCJA/W33VA405	22324-E1-T41D	22324 YM W33 W800 C4
22326EMHD2	22326 CCJA/W33VA405	22326-E1-T41D	22326 YM W33 W800 C4
22328EMHD2	22328 CCJA/W33VA405	22328-E1-T41D	22328 YM W33 W800 C4
22330MD1	22330 CCJA/W33VA405	22330-E1-T41D	22330 YM W33 W800 C4
22332MD1	22332 CCJA/W33VA405	22332-E1-JPA-T41A	22332 YM W33 W800 C4
22334MD1	22334 CCJA/W33VA405	22334-E1-JPA-T41A	22334 YM W33 W800 C4
22336MD1	22336 CCJA/W33VA405	22336-E1-JPA-T41A	22336 YM W33 W800 C4
E = symmetrical rollers with higher load rating (extra capacity) M = two-piece machined bronze outer ring riding cage MH = one-piece machined bronze outer ring riding (prong-type) cage D1 & D2 = vibrating screen applications	E/VA405 = extra capacity, steel cage, vibrating screen application EJA/VA405 = extra capacity, steel cage, floating guide ring centered on outer ring, vibrating screen application CCJA/W33VA405 = steel cage, floating guide ring centered on outer ring, oil groove & holes, vibrating screen application	E1 = extra capacity T41A&D = vibrating screen application, steel cage JPA = window type steel cage	YM = one-piece machined bronze cage W33 = oil groove & holes in outer ring W800 = vibrating screen application w/ C4 clearance

Note: Interchange recommendations provide a convenient guide for bearing substitutions; however, for unusual applications, please consult the ZVL-ZKL Engineering Department. ZVL-ZKL assumes no liability for interchange errors or omissions.



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