



T41

VIBRATING SCREEN BEARINGS

Best in Class

Say goodbye to fretting corrosion with the Durotect CK hard chromium bore coating.

Only high quality, high performance rolling bearings can withstand the extreme stresses in the exciter units of vibratory machinery.



∞ **LONGER SERVICE LIFE**



GREATER LOAD CARRYING CAPACITY



MORE EFFICIENT USE OF SPACE



Online condition monitoring with SmartCheck



Choose Arcanol grease for optimal performance and service life



FAG tools for the mechanical, hydraulic and thermal mounting and dismantling of bearings



Long Term Packaging solution

SCHAEFFLER-QUALITÄT

QUALITY YOU CAN DEPEND ON

MOTION

SCHAEFFLER

Schaeffler Special Spherical Roller Bearings with Durotect® CK Coating in the Bore



We recommend Spherical Roller bearings in X-life quality as they operate 70% longer than 'normal' bearings in the same installation position. Precision engineering that underpins reliability and cost-effectiveness – our Special Spherical Roller Bearings with Durotect® CK Coating are Proven to be Better.

DUROTECT® CK THE PREMIUM PERFORMANCE COATING FROM SCHAEFFLER

Coatings can profoundly improve a variety of bearing characteristics such as; wear, corrosion-resistance, run-in behaviour, and behaviour under lubrication starved conditions. Using the superior qualities of our T41D bearing series with Durotect® CK coating on the bore, you can operate more efficiently ensuring the lowest Total Cost of Ownership (TCO) whilst delivering a higher level of performance and machine reliability.

**Products + Advanced Surface Coating Technology
= Complete Solutions from one single source**

DUROTECT® COATED INNER RING BORE IMPROVES MACHINE RELIABILITY SAVING YOU \$\$\$

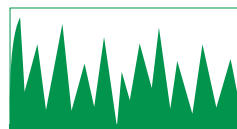
- Now a longer service life is possible due to Durotect® CK thin layer Chromium plating on the inner ring bore which prevents fretting corrosion damage of the shaft.
- Unhindered thermal expansion of the shaft reduces cross location of the bearings and improved load distribution.

REDUCED MAINTENANCE COSTS AND DOWNTIME

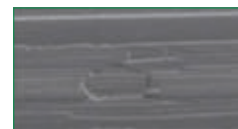
- Special T41 dimensional tolerances apply to the inner and outer rings meaning optimum interference fit can be achieved on the outer ring, and sliding fit on the inner ring.
- All FAG T41 series vibrating screen bearings are supplied with C4 radial internal clearance which means harmful radial preloading is prevented.



With Durotect® CK Coating



Without Durotect® CK Coating



FEATURES	BENEFITS
X-life Premium Quality	Improved Productivity through
Bainite heat treatment	Temperature stability up to 200°C
Surface hardened cage	High wear resistance
Cage guidance by outer ring	Accommodates centrifugal forces
Tighter ID + OD dimensional tolerance	Better control of fit in both housing and shaft
Durotect®CK hard chromium coating on the inner bore	Reduced fretting corrosion (tribocorrosion) and journal wear

SCHAEFFLER



RELY ON US... TO HAVE THE STOCK YOU NEED!

Motion are long established market leaders in the management, supply and distribution of bearings throughout Australia. Motion's commitment has always been to provide the Australian Industry quality products and technical support services that meet and exceed our customers' requirements. FAG T41D series vibratory spherical roller bearings represent the 'best in class' product for these arduous applications. Included below is an overview of the FAG T41 Vibrating Screen Bearings available from Motion.

Bearings from **22317-E1-XL-T41D** to **222330-E1-XL-T41D**, are supplied standard with Durotect® CK coated bores.

- 🎯 National Stock
- 🎯 National sales & service support
- 🎯 Backed by local support

PRODUCT RANGE

Bearing Designation	Shaft Size (mm)	Bearing Designation	Shaft Size (mm)
22308-E1-XL-T41A	40	22320-E1-XL-T41D	100
22309-E1-XL-T41A	45	22322-E1-XL-T41D	110
22310-E1-XL-T41A	50	22324-E1-XL-T41D	120
22311-E1-XL-T41A	55	22326-E1-XL-T41D	130
22312-E1-XL-T41A	60	22328-E1-XL-T41D	140
22313-E1-XL-T41A	65	22330-E1-XL-T41D	150
22314-E1-XL-T41A	70	22332-BE-XL-JPA-T41A	160
22315-E1-XL-T41A	75	22334-BE-XL-JPA-T41A	170
22316-E1-XL-T41A	80	22336-BE-XL-JPA-T41A	180
22317-E1-XL-T41D	85	22338-BE-XL-JPA-T41A	190
22318-E1-XL-T41D	90	22340-BE-XL-JPA-T41A	200
22319-E1-XL-T41D	95	22344-BE-XL-JPA-T41A	220

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Anytime. Anywhere.

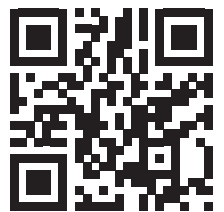
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