

URB GROUP

Spherical Roller Bearings for Vibrating Equipment



About application

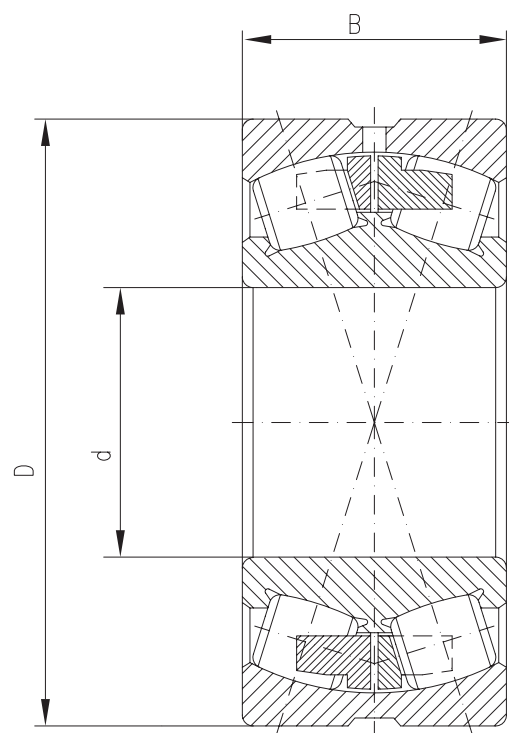
- **Require precision**
- **Bearings takes extra load**
- **High rotation speed**
- **Bearings are subject for shaft and housing deflection**
- **Contaminated area**

Bearings in these applications are subjected to very severe operating conditions. The shaking actions of vibrating equipment subjects the bearings to very heavy loads, including impact loads. Additional load is created by higher "g" forces generated by acceleration in the application.

Bearings are higher speed operated. Much more, these bearings are subject to contaminated environments.

URB designed special spherical roller bearings - MAC4F80 - to operate under severe conditions. Special **URB** spherical roller bearings for vibrating equipment are available in 22300 and 23300 series. The clearance is similar to C4, but the lower third of C4 range is eliminated for better control of the bearing clearance after mounting.

Designation	Dimensions, mm		
	d	D	B
22208MAC4F80W33	40	80	23
22308MAC4F80W33	40	90	33
22309MAC4F80W33	45	100	36
22310MAC4F80W33	50	110	40
22211MAC4F80W33	55	100	25
22311MAC4F80W33	55	120	43
22312MAC4F80W33	60	130	46
22213MAC4F80W33	65	120	31
22313MAC4F80W33	65	140	48
22314MAC4F80W33	70	150	51
22315MAC4F80W33	75	160	55
22316MAC4F80W33	80	170	58
22317MAC4F80W33	85	180	60
22318MAC4F80W33	90	190	64
22319MAC4F80W33	95	200	67
22320MAC4F80W33	100	215	73
23222MAC4F80W33	110	200	69,8
22322MAC4F80W33	110	240	80
22324MAC4F80W33	120	260	86
22226MAC4F80W33	130	230	64
22326MAC4F80W33	130	280	93
22328MAC4F80W33	140	300	102
23328MAC4F80W33	140	300	118
22330MAC4F80W33	150	320	108
22332MAC4F80W33	160	340	114
23332MAC4F80W33	160	340	136
22334MAC4F80W33	170	360	120
22336MAC4F80W33	180	380	126
23238MAC4F80W33	190	340	120
22338MAC4F80W33	190	400	132
22340MAC4F80W33	200	420	138



223	18	MA	C4	F80	W33
Bearing Type	Bearing Size (size in millimeters x 5= bore diameter)	Outer Ring Riding Machined Bronze Cage	Radial Clearance Range in Upper 2/3 of C4 Range	Special Bore and OD Tolerance for Vibrating Screen Bearing	Annular Lubrica- tion Groove and Oil Holes in Outer Ring

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