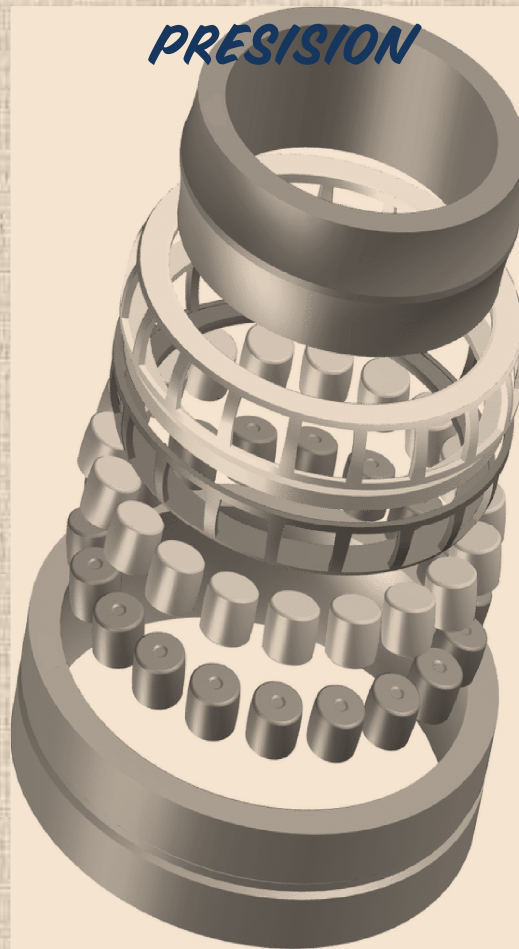
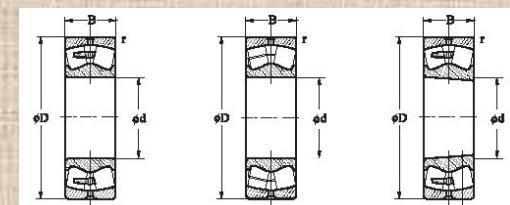


**GERMAN  
PRECISION**



**SPHERICAL ROLLER  
BEARING**

**PRECISION GERMAN**



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Bearing number	Principal dimensions mm				Weight kg	
	d	D	B	r smin		
24122MB W33	110	180	69.0	2.0	6.48	
22222MB W33		200	53.0	2.1	6.77	
23222MB W33		200	69.0	2.1	9.54	
22322MB W33		240	80.0	3.0	17.00	
23024MB W33	120	180	46.0	2.0	4.11	
24024MB W33		180	60.0	2.0	5.33	
23124MB W33		200	62.0	2.0	7.84	
24124MB W33		200	80.0	2.0	10.00	
22224MB W33		215	58.0	2.1	8.45	
23224MB W33		215	76.0	2.1	12.10	
22324MB W33	130	260	86.0	3.0	22.60	
23026MB W33		200	52.0	2.0	5.98	
24026MB W33		200	69.0	2.0	7.84	
23126MB W33		210	64.0	2.0	8.68	
24126MB W33		210	80.0	2.0	10.70	
22226MB W33		230	64.0	3.0	10.50	
23226MB W33		230	80.0	3.0	14.30	
22326MB W33		280	93.0	4.0	28.10	
23028MB W33		140	210	53.0	2.0	6.49
24028MB W33			210	69.0	2.0	8.37
23128MB W33	225		68.0	2.1	10.50	
24128MB W33	225		85.0	2.1	13.00	
22228MB W33	250		68.0	3.0	14.50	
23228MB W33	250		88.0	3.0	18.80	
22328MB W33	300		102.0	4.0	35.50	
23030MB W33	150		225	56.0	2.1	7.90
24030MB W33			225	75.0	2.1	10.50
23130MB W33			250	80.0	2.1	15.80
24130MB W33		250	100.0	2.1	19.80	
22230MB W33		270	73.0	3.0	18.40	
23230MB W33		170	96.0	3.0	24.20	
22330MB W33		320	108.0	4.0	41.50	
23032MB W33		160	240	60.0	2.1	9.66
24032MB W33			240	80.0	2.1	12.70
23132MB W33			270	86.0	2.1	20.30
24132MB W33	270		109.0	2.1	25.40	
23224MB W33	220		400	144.0	4.0	80.0
22344MB W33			460	145.0	5.0	117.0
23048MB W33	240	360	92.0	3.0	334.0	
24048MB W33		360	118.0	3.0	43.0	
23148MB W33		400	128.0	4.0	65.80	
24148MB W33		400	160.0	4.0	82.20	
22248MB W33		440	120.0	4.0	81.70	
23248MB W33		440	160.0	4.0	108.00	
22348MB W33		500	155.0	5.0	148.00	
23052MB W33		260	400	104.0	4.0	48.50
24052MB W33			400	140.0	4.0	65.20
23152MB W33			440	144.0	4.0	91.40
24152MB W33	440		180.0	4.0	114.00	
22252MB W33	480		130.0	5.0	106.00	
23252MB W33	480		174.0	5.0	141.00	
22352MB W33	280	540	165.0	6.0	183.00	
23056MB W33		420	106.0	4.0	52.40	
24056MB W33		420	140.0	4.0	69.00	
23156MB W33		460	146.0	5.0	97.70	
24156MB W33		460	180.0	5.0	120.00	
22256MB W33		500	130.0	5.0	112.00	
23256MB W33		500	176.0	5.0	150.00	
22356MB W33		580	175.0	6.0	224.00	
23060MB W33	300	460	118.0	4.0	72.40	
24060MB W33		460	160.0	4.0	98.00	
23160MB W33		500	160.0	5.0	131.00	
24160MB W33		500	200.0	5.0	161.00	
22260MB W33		540	140.0	5.0	141.00	
23260MB W33		540	192.0	5.0	193.00	
22360MB W33		620	185.0	7.5	270.00	

Bearing number	Principal dimensions mm				Weight kg
	d	D	B	r smin	
22205 C	25	52	18.0	1.0	0.17
22206MB W33	30	62	20.0	1.0	0.27
22207MB W33	35	72	23.0	1.1	0.39
22208MB W33	40	80	23.0	1.1	0.47
22308MB W33		90	33.0	1.5	0.96
22209MB W33	45	85	23.0	1.1	0.52
22309MB W33		100	36.0	1.5	1.28
22210MB W33	50	90	23.0	1.1	0.56
22310MB W33		110	40.0	2.0	1.69
22211MB W33	55	100	25.0	1.5	0.76
22311MB W33		120	43.0	2.0	2.16
22212MB W33	60	110	28.0	1.5	1.04
22312MB W33		130	46.0	2.1	2.72
22213MB W33	65	120	31.0	1.5	1.43
22313MB W33		140	48.0	2.1	3.59
22214MB W33	70	125	31.0	1.5	1.51
22314MB W33		150	51.0	2.1	4.39
22215MB W33	75	130	31.0	1.5	1.59
22315MB W33		160	55.0	2.1	4.96
22216MB W33	80	140	33.0	2.0	1.90
22316MB W33		170	58.0	2.1	6.41
22217MB W33	85	150	36.0	2.0	2.41
22317MB W33		180	60.0	3.0	7.33
22218MB W33	90	160	40.0	2.0	3.11
23218 MB W33		160	52.4	2.0	4.51
22318MB W33	95	190	64.0	3.0	8.06
22219MB W33		170	43.0	2.1	3.82
24020MB W33	100	150	50.0	1.5	3.08
23120MB W33		165	52.0	2.0	4.35
22220MB W33	110	180	46.0	2.1	4.62
23220MB W33		180	60.3	2.1	6.58
22220MB W33	110	215	73.0	3.0	12.20
23022MB W33		170	45.0	2.0	3.75
24022MB W33	160	170	60.0	2.0	4.94
23122MB W33		180	56.0	2.0	5.70
22223MB W33	170	290	80.0	3.0	23.20
23232MB W33		290	104.0	3.0	30.50
23034MB W33	180	260	67.0	2.1	13.00
24034MB W33		260	90.0	2.1	17.30
23134MB W33	190	280	88.0	2.1	21.80
24134MB W33		280	109.0	2.1	26.60
22234MB W33	200	310	86.0	4.0	28.80
23234MB W33		310	110.0	4.0	36.40
22334MB W33	180	360	120.0	4.0	57.90
23036MB W33		280	74.0	2.1	17.10
24036MB W33	190	280	100.0	2.1	22.70
23136MB W33		300	96.0	3.0	27.50
22236MB W33	200	320	86.0	4.0	30.20
22336MB W33		380	126.0	4.0	67.00
23038MB W33	190	290	75.0	2.1	17.60
24038MB W33		290	100.0	2.1	23.90
23138MB W33	200	320	104.0	3.0	34.50
22238MB W33		340	92.0	4.0	35.50
23238MB W33	220	340	120.0	4.0	47.60
23040MB W33		400	132.0	5.0	78.10
23140MB W33	200	310	82.0	2.1	22.60
24140MB W33		340	112.0	3.0	42.60
22240MB W33	220	340	140.0	3.0	51.30
23240MB W33		360	98.0	4.0	42.70
22340MB W33	200	360	128.0	4.0	57.10
23044MB W33		420	138.0	5.0	92.60
23144MB W33	220	340	90.0	3.0	29.90
24044MB W33		340	118.0	3.0	40.20
23144MB W33	200	370	120.0	4.0	53.30
24144MB W33		370	150.0	4.0	67.00
22244MB W33	400	108.0	4.0	60.40	

## Spherical roller bearings

Robust, self-aligning bearings which are insensitive to angular misalignment. Offer high reliability and long life even under difficult operating conditions. Mounted on adapter or withdrawal sleeves or housed in plummer blocks they present economic bearing arrangements. Also available with seals for maintenance-free operation.

