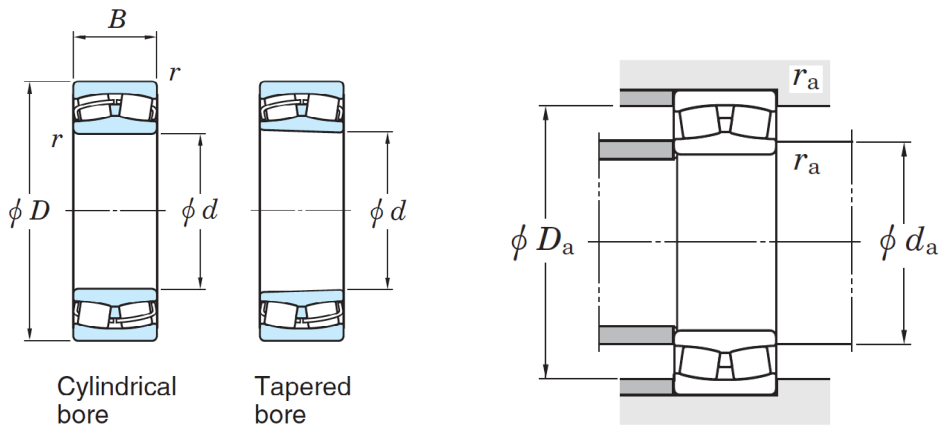
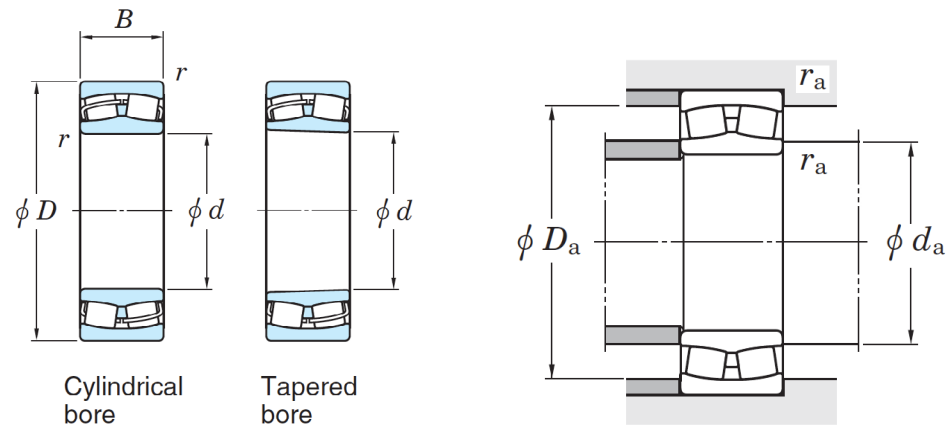


Spherical Roller Bearings
23000 Series

Spherical Roller Bearings
23000 Series



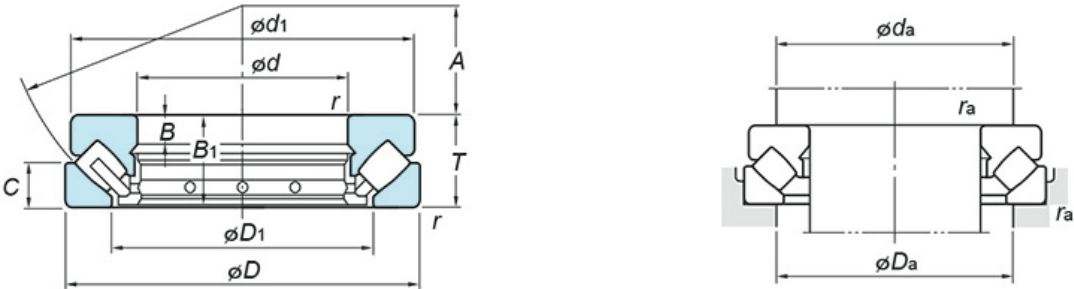
Boundary dimensions(mm)				Basic load ratings(kN)		Fatigue load limit(kN)	Limiting speeds		Bearing No.			Mounting dimensions(mm)					Constant	Axial load factors			Mass (kg)	
d	D	B	r min.	Cr	Cor	Cu	Grease lub.	Oil lub.	Cylindrical bore	Tapered bore		da		Da		ra	e	Y1	Y2	Y3	Cylindrical bore	Tapered min. bore
												min.	max.	max.	min.	max.						
100	165	52	2	412	510	48.5	2800	3600	-	23120RZKW33C3		110	114	155	147	2	0.29	2.33	3.47	2.28	4.52	4.38
110	180	56	2	484	605	53.7	2500	3300	-	23122RZKW33C3		120	125	170	161	2	0.29	2.36	3.51	2.31	5.72	5.54
130	210	64	2	621	799	68.4	2100	2800	-	23126RHKW33C3		140	147	200	187	2	0.28	2.42	3.61	2.37	8.71	8.44
90	160	52.4	2	421	482	42.9	2900	3900	-	23218RZKW33C3		100	103	150	141	2	0.32	2.14	3.19	2.09	4.63	4.50
110	200	69.8	2.1	672	792	65.4	2300	3000	-	23222RZKW33C3		122	127	188	173	2	0.34	1.99	2.96	1.94	9.76	9.48
130	230	80	3	880	1090	89.4	1900	2600	-	23226RHKW33C3		144	151	216	201	2.5	0.33	2.05	3.05	2.00	14.4	14.0
140	250	88	3	1020	1290	103	1800	2300	23228RZW33C3	-		154	161	236	214	2.5	0.34	1.99	2.96	1.95	19.0	18.4
150	270	96	3	1200	1540	121	1700	2200	-	23230RHAKW33C3		164	173	256	230	2.5	0.34	1.96	2.93	1.92	24.5	23.8

Spherical Roller Bearings
24100 Series

Spherical Roller Bearings
24100 Series

Boundary dimensions(mm)				Basic load ratings(kN)		Fatigue load limit(kN)	Limiting speeds		Bearing No.			Mounting dimensions(mm)					Constant	Axial load factors			Mass (kg)	
d	D	B	r min.	Cr	Cor	Cu	Grease lub.	Oil lub.	Cylindrical bore	Tapered bore		da		Da		ra	e	Y1	Y2	Y3	Cylindrical bore	Tapered min. bore
												min.	max.	max.	min.	max.						
150	250	100	2.1	1110	1590	116	1800	2300	24130RW33C3	-		162	166	238	213	2	0.38	1.77	2.64	1.73	19.9	19.6
160	270	109	2.1	1270	1720	145	1300	1700	24132RRW33C3	-		172	188	258	230	2	0.39	1.72	2.56	1.68	25.9	25.5

Spherical Thrust Bearings



Boundary dimensions(mm)				Basic load ratings(kN)		Limiting speed (min-1)	Bearing No.		Dimensions (mm)						Mounting dimensions (mm)			(Refer.) Mass (kg)
d	D	T	r min.	Cr	Cor	Oil lub.			d1	D1	B	B1	C	A	da	Da	ra	
85	150	39	1.5	400	1000	2600	29317R		143.5	114	13	37	19	50	115	135	1.5	2.87
90	155	39	1.5	412	1050	2500	29318R		148.5	117	13	37	19	52	120	140	1.5	3.06