

Spherical Roller Bearing 21300 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
30	72	19	55,2	61	6,8	7500	10000	0,41	21306 CC/W33
30	72	19	55,2	61	6,8	7500	10000	0,40	21306 CCK/W33
35	80	21	65,6	72	8,15	6700	9500	0,55	21307 CC/W33
35	80	21	65,6	72	8,15	6700	9500	0,54	21307 CCK/W33
40	90	23	104	108	11,8	7000	9500	0,75	21308 CC/W33 *
40	90	23	104	108	11,8	7000	9500	0,74	21308 CCK/W33 *
45	100	25	125	127	13,7	6300	8500	0,99	21309 CC/W33 *
45	100	25	125	127	13,7	6300	8500	0,98	21309 CCK/W33 *
50	110	27	156	166	18,6	5600	7500	1,35	21310 CC/W33 *
50	110	27	156	166	18,6	5600	7500	1,35	21310 CCK/W33 *
55	120	29	156	166	18,6	5600	7500	1,70	21311 CC/W33 *
55	120	29	156	166	18,6	5600	7500	1,70	21311 CCK/W33 *
60	130	31	212	240	26,5	4800	6300	2,10	21312 CC/W33 *
60	130	31	212	240	26,5	4800	6300	2,05	21312 CCK/W33 *
65	140	33	236	270	29	4300	6000	2,55	21313 CC/W33 *
65	140	33	236	270	29	4300	6000	2,50	21313 CCK/W33 *
70	150	35	285	325	34,5	4000	5600	3,10	21314 CC/W33 *
70	150	35	285	325	34,5	4000	5600	3,05	21314 CCK/W33 *
75	160	37	285	325	34,5	4000	5600	3,75	21315 CC/W33 *
75	160	37	285	325	34,5	4000	5600	3,70	21315 CCK/W33 *
80	170	39	325	375	39	3800	5300	4,45	21316 CC/W33 *
80	170	39	325	375	39	3800	5300	4,40	21316 CCK/W33 *
85	180	41	325	375	39	3800	5300	5,20	21317 CC/W33 *
85	180	41	325	375	39	3800	5300	5,15	21317 CCK/W33 *
90	190	43	380	450	46,5	3600	4800	6,10	21318 CC/W33 *
90	190	43	380	450	46,5	3600	4800	6,00	21318 CCK/W33 *
95	200	45	425	490	49	3400	4500	7,05	21319 CC/W33 *
95	200	45	425	490	49	3400	4500	6,95	21319 CCK/W33 *
100	215	47	425	490	49	3400	4500	8,60	21320 CC/W33 *
100	215	47	425	490	49	3400	4500	8,50	21320 CCK/W33 *
110	240	50	460	630	61	1600	2000	12,00	21322 CC/W33
110	240	50	460	630	61	1600	2000	11,50	21322 CCK/W33

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Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
25	52	18	49	44	4,75	13000	17000	0,26	22205 CC/W33 *
25	52	18	49	44	4,75	13000	17000	0,26	22205 CCK/W33 *
30	62	20	64	60	6,4	10000	14000	0,29	22206 CC/W33 *
30	62	20	64	60	6,4	10000	14000	0,28	22206 CCK/W33 *
35	72	23	86,5	85	9,3	9000	12000	0,45	22207 CC/W33 *
35	72	23	86,5	85	9,3	9000	12000	0,44	22207 CCK/W33 *
40	80	23	96,5	90	9,8	8000	11000	0,53	22208 CC/W33 *
40	80	23	96,5	90	9,8	8000	11000	0,52	22208 CCK/W33 *
45	85	23	102	98	10,8	7500	10000	0,58	22209 CC/W33 *
45	85	23	102	98	10,8	7500	10000	0,57	22209 CCK/W33 *
50	90	23	104	108	11,8	7000	9500	0,63	22210 CC/W33 *
50	90	23	104	108	11,8	7000	9500	0,62	22210 CCK/W33 *
55	100	25	125	127	13,7	6300	8500	0,84	22211 CC/W33 *
55	100	25	125	127	13,7	6300	8500	0,82	22211 CCK/W33 *
60	110	28	156	166	18,6	5600	7500	1,15	22212 CC/W33 *
60	110	28	156	166	18,6	5600	7500	1,15	22212 CCK/W33 *
65	120	31	193	216	24	5000	7000	1,55	22213 CC/W33 *
65	120	31	193	216	24	5000	7000	1,50	22213 CCK/W33 *
70	125	31	208	228	25,5	5000	6700	1,55	22214 CC/W33 *
70	125	31	208	228	25,5	5000	6700	1,50	22214 CCK/W33 *
75	130	31	212	240	26,5	4800	6300	1,70	22215 CC/W33 *
75	130	31	212	240	26,5	4800	6300	1,65	22215 CCK/W33 *
80	140	33	236	270	29	4300	6000	2,10	22216 CC/W33 *
80	140	33	236	270	29	4300	6000	2,05	22216 CCK/W33 *
85	150	36	285	325	34,5	4000	5600	2,65	22217 CC/W33 *
85	150	36	285	325	34,5	4000	5600	2,60	22217 CCK/W33 *
90	160	40	325	375	39	3800	5300	3,40	22218 CC/W33 *
90	160	40	325	375	39	3800	5300	3,35	22218 CCK/W33 *
95	170	43	380	450	46,5	3600	4800	4,15	22219 CC/W33 *
95	170	43	380	450	46,5	3600	4800	4,05	22219 CCK/W33 *
100	180	46	425	490	49	3400	4500	4,90	22220 CC/W33 *
100	180	46	425	490	49	3400	4500	4,80	22220 CCK/W33 *
110	200	53	560	640	63	3000	4000	7,00	22222 CC/W33 *
110	200	53	560	640	63	3000	4000	6,85	22222 CCK/W33 *
120	215	58	630	765	73,5	2800	3800	8,70	22224 CC/W33 *
120	215	58	630	765	73,5	2800	3800	8,50	22224 CCK/W33 *
130	230	64	735	930	88	2600	3600	11,0	22226 CC/W33 *

Spherical Roller Bearing 22200 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.

Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
130	230	64	735	930	88	2600	3600	10,7	22226 CCK/W33 *
140	250	68	710	900	86,5	2400	3200	14,0	22228 CC/W33 *
140	250	68	710	900	86,5	2400	3200	13,5	22228 CCK/W33 *
150	270	73	850	1080	102	2200	3000	18,0	22230 CC/W33 *
150	270	73	850	1080	102	2200	3000	17,5	22230 CCK/W33 *
160	290	80	1000	1290	118	2000	2800	22,5	22232 CC/W33 *
160	290	80	1000	1290	118	2000	2800	22,0	22232 CCK/W33 *
170	310	86	1120	1460	132	1900	2600	28,5	22234 CC/W33 *
170	310	86	1120	1460	132	1900	2600	28,0	22234 CCK/W33 *
180	320	86	1180	1560	140	1800	2600	29,5	22236 CC/W33 *
180	320	86	1180	1560	140	1800	2600	29,0	22236 CCK/W33 *
190	340	92	1270	1700	150	1700	2400	36,5	22238 CC/W33 *
190	340	92	1270	1700	150	1700	2400	35,5	22238 CCK/W33 *
200	360	98	1460	1930	166	1600	2200	43,5	22240 CC/W33 *
200	360	98	1460	1930	166	1600	2200	42,5	22240 CCK/W33 *
220	400	108	1760	2360	196	1500	2000	60,5	22244 CC/W33 *
220	400	108	1760	2360	196	1500	2000	59,0	22244 CCK/W33 *
240	440	120	2200	3000	245	1300	1800	83,0	22248 CC/W33 *
240	440	120	2200	3000	245	1300	1800	81,0	22248 CCK/W33 *
260	480	130	2650	3550	285	1200	1600	110	22252 CC/W33 *
260	480	130	2650	3550	285	1200	1600	108	22252 CCK/W33 *
280	500	130	2700	3750	300	1100	1500	115	22256 CC/W33 *
280	500	130	2700	3750	300	1100	1500	115	22256 CCK/W33 *
300	540	140	3150	4250	325	1000	1400	145	22260 CC/W33 *
300	540	140	3150	4250	325	1000	1400	140	22260 CCK/W33 *
320	580	150	3600	4900	375	950	1300	175	22264 CC/W33 *
320	580	150	3600	4900	375	950	1300	170	22264 CCK/W33 *

Spherical Roller Bearing 22300 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
40	90	33	150	140	15	6000	8000	1,05	22308 CC/W33 *
40	90	33	150	140	15	6000	8000	1,05	22308 CCK/W33 *
45	100	36	183	183	19,6	5300	7000	1,40	22309 CC/W33 *
45	100	36	183	183	19,6	5300	7000	1,35	22309 CCK/W33 *
50	110	40	220	224	24	4800	6300	1,90	22310 CC/W33 *
50	110	40	220	224	24	4800	6300	1,85	22310 CCK/W33 *
55	120	43	270	280	30	4300	5600	2,45	22311 CC/W33 *
55	120	43	270	280	30	4300	5600	2,40	22311 CCK/W33 *
60	130	46	310	335	36,5	4000	5300	3,10	22312 CC/W33 *
60	130	46	310	335	36,5	4000	5300	3,05	22312 CCK/W33 *
65	140	48	340	360	38	3800	5000	3,75	22313 CC/W33 *
65	140	48	340	360	38	3800	5000	3,65	22313 CCK/W33 *
70	150	51	400	430	45	3400	4500	4,55	22314 CC/W33 *
70	150	51	400	430	45	3400	4500	4,45	22314 CCK/W33 *
75	160	55	440	475	48	3200	4300	5,55	22315 CC/W33 *
75	160	55	440	475	48	3200	4300	5,45	22315 CCK/W33 *
80	170	58	490	540	54	3000	4000	6,60	22316 CC/W33 *
80	170	58	490	540	54	3000	4000	6,45	22316 CCK/W33 *
85	180	60	550	620	61	2800	3800	7,65	22317 CC/W33 *
85	180	60	550	620	61	2800	3800	7,50	22317 CCK/W33 *
90	190	64	610	695	67	2600	3600	9,05	22318 CC/W33 *
90	190	64	610	695	67	2600	3600	8,85	22318 CCK/W33 *
95	200	67	670	765	73,5	2600	3400	10,5	22319 CC/W33 *
95	200	67	670	765	73,5	2600	3400	10,5	22319 CCK/W33 *
100	215	73	815	950	88	2400	3000	13,5	22320 CC/W33 *
100	215	73	815	950	88	2400	3000	13,0	22320 CCK/W33 *
110	240	80	950	1120	100	2000	2800	18,4	22322 CC/W33 *
110	240	80	950	1120	100	2000	2800	18,0	22322 CCK/W33 *
120	260	86	965	1120	100	2000	2600	23,0	22324 CC/W33 *
120	260	86	965	1120	100	2000	2600	22,5	22324 CCK/W33 *
130	280	93	1120	1320	114	1800	2400	29,0	22326 CC/W33 *
130	280	93	1120	1320	114	1800	2400	28,5	22326 CCK/W33 *
140	300	102	1290	1560	132	1700	2200	36,5	22328 CC/W33 *
140	300	102	1290	1560	132	1700	2200	36,0	22328 CCK/W33 *
150	270	73	850	1080	102	2200	3000	18,0	22230 CC/W33 *
150	270	73	850	1080	102	2200	3000	17,5	22230 CCK/W33 *
150	320	108	1460	1760	146	1600	2000	43,5	22330 CC/W33 *

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Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
150	320	108	1460	1760	146	1600	2000	42,5	22330 CCK/W33 *
160	290	80	1000	1290	118	2000	2800	22,5	22232 CC/W33 *
160	290	80	1000	1290	118	2000	2800	22,0	22232 CCK/W33 *
160	340	114	1600	1960	160	1500	1900	52,0	22332 CC/W33 *
160	340	114	1600	1960	160	1500	1900	51,0	22332 CCK/W33 *
170	310	86	1120	1460	132	1900	2600	28,5	22234 CC/W33 *
170	310	86	1120	1460	132	1900	2600	28,0	22234 CCK/W33 *
170	360	120	1760	2160	176	1400	1800	61,0	22334 CC/W33 *
170	360	120	1760	2160	176	1400	1800	59,5	22334 CCK/W33 *
180	320	86	1180	1560	140	1800	2600	29,5	22236 CC/W33 *
180	320	86	1180	1560	140	1800	2600	29,0	22236 CCK/W33 *
180	380	126	2000	2450	193	1300	1700	71,5	22336 CC/W33 *
180	380	126	2000	2450	193	1300	1700	70,0	22336 CCK/W33 *
190	340	92	1270	1700	150	1700	2400	36,5	22238 CC/W33 *
190	340	92	1270	1700	150	1700	2400	35,5	22238 CCK/W33 *
190	400	132	2120	2650	208	1200	1600	82,5	22338 CC/W33 *
190	400	132	2120	2650	208	1200	1600	81,0	22338 CCK/W33 *
200	420	138	2320	2900	224	1200	1500	95,0	22340 CC/W33 *
200	420	138	2320	2900	224	1200	1500	93,0	22340 CCK/W33 *
220	460	145	2700	3450	260	1000	1400	120	22344 CC/W33 *
220	460	145	2700	3450	260	1000	1400	115	22344 CCK/W33 *
240	500	155	3100	4000	290	950	1300	155	22348 CC/W33 *
240	500	155	3100	4000	290	950	1300	150	22348 CCK/W33 *
260	540	165	3550	4550	325	850	1100	190	22352 CC/W33 *
260	540	165	3550	4550	325	850	1100	185	22352 CCK/W33 *
280	580	175	4000	5200	365	800	1100	235	22356 CC/W33 *
280	580	175	4000	5200	365	800	1100	230	22356 CCK/W33 *

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Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
110	170	45	310	440	46,5	3400	4300	3,80	23022 CC/W33 *
110	170	45	310	440	46,5	3400	4300	3,70	23022 CCK/W33 *
120	180	46	355	510	53	3200	4000	4,20	23024 CC/W33 *
120	180	46	355	510	53	3200	4000	4,05	23024 CCK/W33 *
130	200	52	430	610	62	2800	3600	6,00	23026 CC/W33 *
130	200	52	430	610	62	2800	3600	5,80	23026 CCK/W33 *
140	210	53	465	680	68	2600	3400	6,55	23028 CC/W33 *
140	210	53	465	680	68	2600	3400	6,35	23028 CCK/W33 *
150	225	56	510	750	73,5	2400	3200	7,95	23030 CC/W33 *
150	225	56	510	750	73,5	2400	3200	7,70	23030 CCK/W33 *
150	270	73	850	1080	102	2200	3000	18,0	22230 CC/W33 *
150	270	73	850	1080	102	2200	3000	17,5	22230 CCK/W33 *
150	270	96	1080	1460	137	1600	2200	24,5	23230 CC/W33 *
150	270	96	1080	1460	137	1600	2200	24,0	23230 CCK/W33 *
160	240	60	585	880	83	2400	3000	9,70	23032 CC/W33 *
160	240	60	585	880	83	2400	3000	9,40	23032 CCK/W33 *
170	260	67	710	1060	100	2200	2800	13,0	23034 CC/W33 *
170	260	67	710	1060	100	2200	2800	12,6	23034 CCK/W33 *
180	280	74	830	1250	114	2000	2600	17,0	23036 CC/W33 *
180	280	74	830	1250	114	2000	2600	16,5	23036 CCK/W33 *
190	290	75	865	1340	122	1900	2400	18,0	23038 CC/W33 *
190	290	75	865	1340	122	1900	2400	17,5	23038 CCK/W33 *
200	310	82	1000	1530	137	1800	2200	23,3	23040 CC/W33 *
200	310	82	1000	1530	137	1800	2200	22,6	23040 CCK/W33 *
220	340	90	1220	1860	163	1600	2000	30,5	23044 CC/W33 *
220	340	90	1220	1860	163	1600	2000	29,5	23044 CCK/W33 *
240	360	92	1290	2080	176	1500	1900	33,5	23048 CC/W33 *
240	360	92	1290	2080	176	1500	1900	32,5	23048 CCK/W33 *
260	400	104	1600	2550	212	1300	1700	48,5	23052 CC/W33 *
260	400	104	1600	2550	212	1300	1700	47,0	23052 CCK/W33 *
280	420	106	1730	2850	224	1300	1600	52,5	23056 CC/W33 *
280	420	106	1730	2850	224	1300	1600	51,0	23056 CCK/W33 *
300	460	118	2120	3450	265	1200	1500	71,5	23060 CC/W33 *
300	460	118	2120	3450	265	1200	1500	69,5	23060 CCK/W33 *
320	480	121	2240	3800	285	1100	1400	78,0	23064 CC/W33 *
320	480	121	2240	3800	285	1100	1400	75,5	23064 CCK/W33 *
340	520	133	2700	4550	335	1000	1300	105	23068 CC/W33 *

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Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
340	520	133	2700	4550	335	1000	1300	105	23068 CC/W33 *
340	520	133	2700	4550	335	1000	1300	100	23068 CCK/W33 *
360	540	134	2750	4800	345	950	1200	110	23072 CC/W33 *
360	540	134	2750	4800	345	950	1200	105	23072 CCK/W33 *
380	560	135	2900	5000	360	900	1200	115	23076 CC/W33 *
380	560	135	2900	5000	360	900	1200	110	23076 CCK/W33 *
400	600	148	3250	5700	400	850	1100	150	23080 CC/W33 *
400	600	148	3250	5700	400	850	1100	145	23080 CCK/W33 *

Spherical Roller Bearing 23100 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue	Speed	Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed			Designation No.
mm			kN		kN	r/min		kg		
100	165	52	365	490	53	3000	4000	4,55		23120 CC/W33 *
100	165	52	365	490	53	3000	4000	4,40		23120 CCK/W33 *
110	180	56	430	585	61	2800	3600	5,75		23122 CC/W33 *
110	180	56	430	585	61	2800	3600	5,55		23122 CCK/W33 *
120	200	62	510	695	71	2600	3400	8,00		23124 CC/W33 *
120	200	62	510	695	71	2600	3400	7,75		23124 CCK/W33 *
130	210	64	560	780	78	2400	3200	8,80		23126 CC/W33 *
130	210	64	560	780	78	2400	3200	8,50		23126 CCK/W33 *
140	225	68	630	900	88	2200	2800	10,5		23128 CC/W33 *
140	225	68	630	900	88	2200	2800	10,0		23128 CCK/W33 *
150	250	80	830	1200	114	2000	2600	16,0		23130 CC/W33 *
150	250	80	830	1200	114	2000	2600	15,5		23130 CCK/W33 *
160	270	86	980	1370	129	1900	2400	20,5		23132 CC/W33 *
160	270	86	980	1370	129	1900	2400	20,0		23132 CCK/W33 *
170	280	88	1040	1500	137	1800	2400	22,0		23134 CC/W33 *
170	280	88	1040	1500	137	1800	2400	21,5		23134 CCK/W33 *
180	300	96	1200	1760	160	1700	2200	28,0		23136 CC/W33 *
180	300	96	1200	1760	160	1700	2200	27,0		23136 CCK/W33 *
190	320	104	1370	2080	183	1500	2000	35,0		23138 CC/W33 *
190	320	104	1370	2080	183	1500	2000	34,0		23138 CCK/W33 *
200	340	112	1600	2360	204	1500	1900	43,0		23140 CC/W33 *
200	340	112	1600	2360	204	1500	1900	41,5		23140 CCK/W33 *
220	370	120	1800	2750	232	1300	1700	53,5		23144 CC/W33 *
220	370	120	1800	2750	232	1300	1700	52,0		23144 CCK/W33 *
240	400	128	2080	3200	255	1200	1600	66,5		23148 CC/W33 *
240	400	128	2080	3200	255	1200	1600	64,5		23148 CCK/W33 *
260	440	144	2550	3900	290	1100	1400	90,5		23152 CC/W33 *
260	440	144	2550	3900	290	1100	1400	87,5		23152 CCK/W33 *
280	460	146	2650	4250	335	1000	1300	97,0		23156 CC/W33 *
280	460	146	2650	4250	335	1000	1300	94,0		23156 CCK/W33 *
300	500	160	3200	5100	380	950	1200	125		23160 CC/W33 *
300	500	160	3200	5100	380	950	1200	120		23160 CCK/W33 *
320	540	176	3750	6000	440	850	1100	160		23164 CCK/W33 *
340	580	190	4250	6800	480	800	1000	210		23168 CC/W33 *
340	580	190	4250	6800	480	800	1000	205		23168 CCK/W33 *
360	600	192	4300	6950	490	750	1000	220		23172 CC/W33 *
360	600	192	4300	6950	490	750	1000	215		23172 CCK/W33 *



Spherical Roller Bearing 23200 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
90	160	52,4	355	440	48	2800	3800	4,65	23218 CC/W33 *
90	160	52,4	355	440	48	2800	3800	4,50	23218 CCK/W33 *
100	180	60,3	475	600	63	2400	3400	6,85	23220 CC/W33 *
100	180	60,3	475	600	63	2400	3400	6,65	23220 CCK/W33 *
110	200	69,8	600	765	76,5	2200	3200	9,85	23222 CC/W33 *
110	200	69,8	600	765	76,5	2200	3200	9,55	23222 CCK/W33 *
120	215	76	695	930	93	2000	2800	12,0	23224 CC/W33 *
120	215	76	695	930	93	2000	2800	11,5	23224 CCK/W33 *
120	260	86	965	1120	100	2000	2600	23,0	22324 CC/W33 *
120	260	86	965	1120	100	2000	2600	22,5	22324 CCK/W33 *
130	230	80	780	1060	104	1900	2600	14,5	23226 CC/W33 *
130	230	80	780	1060	104	1900	2600	14,0	23226 CCK/W33 *
130	280	93	1120	1320	114	1800	2400	29,0	22326 CC/W33 *
130	280	93	1120	1320	114	1800	2400	28,5	22326 CCK/W33 *
140	250	88	915	1250	120	1700	2400	19,0	23228 CC/W33 *
140	250	88	915	1250	120	1700	2400	18,5	23228 CCK/W33 *
140	300	102	1290	1560	132	1700	2200	36,5	22328 CC/W33 *
140	300	102	1290	1560	132	1700	2200	36,0	22328 CCK/W33 *
150	270	96	1080	1460	137	1600	2200	24,5	23230 CC/W33 *
150	270	96	1080	1460	137	1600	2200	24,0	23230 CCK/W33 *
160	290	80	1000	1290	118	2000	2800	22,5	22232 CC/W33 *
160	290	80	1000	1290	118	2000	2800	22,0	22232 CCK/W33 *
160	290	104	1220	1660	153	1500	2200	31,0	23232 CC/W33 *
160	290	104	1220	1660	153	1500	2200	30,0	23232 CCK/W33 *
170	310	110	1400	1930	173	1400	2000	37,5	23234 CC/W33 *
170	310	110	1400	1930	173	1400	2000	36,5	23234 CCK/W33 *
180	320	112	1500	2120	186	1300	1900	39,5	23236 CC/W33 *
180	320	112	1500	2120	186	1300	1900	38,5	23236 CCK/W33 *
190	340	120	1660	2400	208	1300	1800	48,0	23238 CC/W33 *
190	340	120	1660	2400	208	1300	1800	46,5	23238 CCK/W33 *
200	360	128	1860	2700	228	1200	1700	58,0	23240 CC/W33 *
200	360	128	1860	2700	228	1200	1700	56,5	23240 CCK/W33 *
220	400	144	2360	3450	285	1100	1500	81,5	23244 CC/W33 *
220	400	144	2360	3450	285	1100	1500	79,0	23244 CCK/W33 *
240	440	160	2900	4300	345	950	1300	110	23248 CC/W33 *
240	440	160	2900	4300	345	950	1300	105	23248 CCK/W33 *

Spherical Roller Bearing 23200 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.

Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
260	480	174	3250	4750	360	850	1200	140	23252 CC/W33 *
260	480	174	3250	4750	360	850	1200	135	23252 CCK/W33 *
280	500	176	3250	4900	365	800	1100	150	23256 CC/W33 *
280	500	176	3250	4900	365	800	1100	145	23256 CCK/W33 *
300	540	192	3900	5850	425	750	1000	190	23260 CC/W33 *
300	540	192	3900	5850	425	750	1000	185	23260 CCK/W33 *
320	580	208	4400	6700	480	700	950	240	23264 CC/W33 *
320	580	208	4400	6700	480	700	950	235	23264 CCK/W33 *

Spherical Roller Bearing 23900 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue Pu	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>		Reference speed	Limiting speed		
mm			kN		kN	r/min		kg	
180	250	52	431	830	76,5	2200	2800	7,90	23936 CC/W33
180	250	52	431	830	76,5	2200	2800	7,65	23936 CCK/W33
190	260	52	414	800	76,5	2200	2600	8,30	23938 CC/W33
190	260	52	414	800	76,5	2200	2600	8,05	23938 CCK/W33
200	280	60	546	1040	93	2000	2400	11,5	23940 CC/W33
200	280	60	546	1040	93	2000	2400	11,0	23940 CCK/W33
220	300	60	546	1080	93	1900	2200	12,5	23944 CC/W33
220	300	60	546	1080	93	1900	2200	12,0	23944 CCK/W33
240	320	60	564	1160	98	1700	2000	13,5	23948 CC/W33
240	320	60	564	1160	98	1700	2000	13,0	23948 CCK/W33
260	360	75	880	1800	156	1500	1900	23,5	23952 CC/W33
260	360	75	880	1800	156	1500	1900	22,5	23952 CCK/W33
280	380	75	845	1760	143	1400	1700	25,0	23956 CC/W33
280	380	75	845	1760	143	1400	1700	24,0	23956 CCK/W33
300	420	90	1200	2500	200	1300	1600	39,5	23960 CC/W33
300	420	90	1200	2500	200	1300	1600	38,0	23960 CCK/W33
320	440	90	1430	2700	212	1400	1500	42,0	23964 CC/W33 *
320	440	90	1430	2700	212	1400	1500	40,5	23964 CCK/W33 *
340	460	90	1460	2800	216	1300	1400	45,5	23968 CC/W33 *
340	460	90	1460	2800	216	1300	1400	43,0	23968 CCK/W33 *
360	480	90	1400	2750	220	1200	1300	46,0	23972 CC/W33 *
360	480	90	1400	2750	220	1200	1300	45,0	23972 CCK/W33 *
380	520	106	1960	3800	285	1100	1200	69,0	23976 CC/W33 *
380	520	106	1960	3800	285	1100	1200	64,5	23976 CCK/W33 *
400	540	106	2000	3900	290	1100	1200	71,0	23980 CC/W33 *
400	540	106	2000	3900	290	1100	1200	68,5	23980 CCK/W33 *
420	560	106	2040	4150	300	1000	1100	74,5	23984 CC/W33 *
420	560	106	2040	4150	300	1000	1100	72,0	23984 CCK/W33 *
440	600	118	2450	4900	345	950	1000	99,5	23988 CC/W33 *
440	600	118	2450	4900	345	950	1000	96,5	23988 CCK/W33 *

Spherical Roller Bearing 24000 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	Pu	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
65	100	35	132	173	20,4	4300	6300	0,95	24013 CC/W33 *
65	100	35	132	173	20,4	4300	6300	0,93	24013 CCK/W33 *
75	115	40	173	232	28,5	3800	5300	1,55	24015 CC/W33 *
75	115	40	173	232	28,5	3800	5300	1,55	24015 CCK/W33 *
90	145	50	215	290	36,5	3100	4500	2,92	24018 CC/W33
90	145	50	215	290	36,5	3100	4500	2,85	24018CCK/W33
100	150	50	285	415	45,5	2800	4000	3,15	24020 CC/W33 *
100	150	50	285	415	45,5	2800	4000	3,10	24020 CCK/W33 *
110	170	60	415	620	67	2400	3600	5,00	24022 CC/W33 *
110	170	60	415	620	67	2400	3600	4,90	24022 CCK/W33 *
120	180	60	430	670	68	2400	3400	5,45	24024 CC/W33 *
120	180	60	430	670	68	2400	3400	5,35	24024 CCK/W33 *
130	200	69	540	815	81,5	2000	3000	8,05	24026 CC/W33 *
130	200	69	540	815	81,5	2000	3000	7,90	24026 CCK/W33 *
140	210	69	570	900	88	2000	2800	8,55	24028 CC/W33 *
140	210	69	570	900	88	2000	2800	8,40	24028 CCK/W33 *
150	225	75	655	1040	100	1800	2600	10,5	24030 CC/W33 *
150	225	75	655	1040	100	1800	2600	10,5	24030 CCK/W33 *
160	240	80	750	1200	114	1700	2400	13,0	24032 CC/W33 *
160	240	80	750	1200	114	1700	2400	13,0	24032 CCK/W33 *
170	260	90	930	1460	137	1600	2400	17,5	24034 CC/W33 *
170	260	90	930	1460	137	1600	2400	17,0	24034 CCK/W33 *
180	280	100	1080	1730	156	1300	2200	23,0	24036 CC/W33 *
180	280	100	1080	1730	156	1300	2200	22,5	24036 CCK/W33 *
190	290	100	1120	1800	163	1400	2000	24,5	24038 CC/W33 *
190	290	100	1120	1800	163	1400	2000	24,0	24038 CCK/W33 *
200	310	109	1290	2120	186	1300	1900	31,0	24040 CC/W33 *
200	310	109	1290	2120	186	1300	1900	30,5	24040 CCK/W33 *
200	360	98	1460	1930	166	1600	2200	43,5	22240 CC/W33 *
200	360	98	1460	1930	166	1600	2200	42,5	22240 CCK/W33 *
200	360	128	1860	2700	228	1200	1700	58,0	23240 CC/W33 *
200	360	128	1860	2700	228	1200	1700	56,5	23240 CCK/W33 *
220	340	118	1560	2600	212	1200	1700	40,0	24044 CC/W33 *
220	340	118	1560	2600	212	1200	1700	39,5	24044 CCK/W33 *
240	360	118	1600	2700	228	1100	1600	43,0	24048 CC/W33 *
240	360	118	1600	2700	228	1100	1600	42,5	24048 CCK/W33 *

Spherical Roller Bearing 24000 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.

Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
260	400	140	2040	3450	285	1000	1400	65,5	24052 CC/W33 *
260	400	140	2040	3450	285	1000	1400	64,5	24052 CCK/W33 *
280	420	140	2160	3800	285	950	1400	69,5	24056 CC/W33 *
280	420	140	2160	3800	285	950	1400	68,5	24056 CCK/W33 *
300	460	160	2700	4750	335	850	1200	97,0	24060 CC/W33 *
300	460	160	2700	4750	335	850	1200	95,5	24060 CCK/W33 *
320	480	160	2850	5100	400	800	1200	100	24064 CC/W33 *
320	480	160	2850	5100	400	800	1200	98,5	24064 CCK/W33 *
340	520	180	3450	6200	475	750	1100	140	24068 CC/W33 *
340	520	180	3450	6200	475	750	1100	140	24068 CCK/W33 *
360	540	180	3550	6550	490	700	1000	145	24072 CC/W33 *
360	540	180	3550	6550	490	700	1000	145	24072 CCK/W33 *
380	560	180	3600	6800	480	670	950	150	24076 CC/W33 *
380	560	180	3600	6800	480	670	950	145	24076 CCK/W33 *
400	600	200	4300	8000	560	630	900	205	24080 CC/W33 *
400	600	200	4300	8000	560	630	900	200	24080 CCKJ/W33 *

Spherical Roller Bearing 24100 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.



Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
100	165	65	455	640	68	2400	3200	5,65	24120 CC/W33 *
100	165	65	455	640	68	2400	3200	5,55	24120 CCK/W33 *
110	180	69	520	750	78	2000	3000	7,10	24122 CC/W33 *
110	180	69	520	750	78	2000	3000	7,00	24122 CCK/W33 *
120	200	80	655	950	95	1900	2600	10,3	24124 CC/W33 *
120	200	80	655	950	95	1900	2600	10,0	24124 CCK/W33 *
130	210	80	680	1000	100	1700	2400	11,0	24126 CC/W33 *
130	210	80	680	1000	100	1700	2400	11,0	24126 CCK/W33 *
140	225	85	765	1160	112	1600	2200	13,5	24128 CC/W33 *
140	225	85	765	1160	112	1600	2200	13,5	24128 CCK/W33 *
150	250	100	1020	1530	146	1400	2000	20,0	24130 CC/W33 *
150	250	100	1020	1530	146	1400	2000	19,5	24130 CCK/W33 *
160	270	109	1180	1760	163	1300	1900	25,0	24132 CC/W33 *
160	270	109	1180	1760	163	1300	1900	24,5	24132 CCK/W33 *
170	280	109	1220	1860	170	1200	1800	27,5	24134 CC/W33 *
170	280	109	1220	1860	170	1200	1800	27,0	24134 CCK/W33 *
180	300	118	1400	2160	196	1100	1600	34,5	24136 CC/W33 *
180	300	118	1400	2160	196	1100	1600	34,0	24136 CCK/W33 *
190	320	128	1600	2500	212	1100	1500	43,0	24138 CC/W33 *
190	320	128	1600	2500	212	1100	1500	42,5	24138 CCK/W33 *
200	340	140	1800	2800	232	1000	1400	53,5	24140 CC/W33 *
200	340	140	1800	2800	232	1000	1400	52,5	24140 CCK/W33 *
220	370	150	2120	3350	285	850	1200	67,0	24144 CC/W33 *
220	370	150	2120	3350	285	850	1200	66,0	24144 CCK/W33 *
240	400	160	2400	3900	320	750	1100	83,0	24148 CC/W33 *
240	400	160	2400	3900	320	750	1100	81,5	24148 CCK/W33 *
260	440	180	3000	4800	380	670	950	110	24152 CC/W33 *
260	440	180	3000	4800	380	670	950	110	24152 CCK/W33 *
280	460	180	3100	5100	415	630	900	120	24156 CC/W33 *
280	460	180	3100	5100	415	630	900	120	24156 CCK/W33 *
300	500	200	3750	6300	465	560	800	160	24160 CC/W33 *
300	500	200	3750	6300	465	560	800	160	24160 CCK/W33 *
320	540	218	4250	7100	510	500	700	210	24164 CC/W33 *
320	540	218	4250	7100	510	500	700	205	24164 CCK/W33 *
340	580	243	5300	8650	630	430	630	280	24168 CCJ/W33 *
340	580	243	5300	8650	630	430	630	275	24168 CCKJ/W33 *

Spherical Roller Bearing 24100 CC; with symmetrical rollers, two window-type steel cages which are inner ring centered via a floating guide ring between the two roller rows.

Principal Dimensions			Basic Load Ratings		Fatigue	Speed Ratings		Weight	Type
d	D	B	C	C <sub>0</sub>	P <sub>u</sub>	Reference speed	Limiting speed		Designation No.
mm			kN		kN	r/min		kg	
360	600	243	5600	9300	670	400	600	280	24172 CCJ/W33 *
360	600	243	5600	9300	670	400	600	275	24172 CCKJ/W33 *