

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
20	52	15	1.1	29300	26900	6300	8200	21304CDE4	
20	52	15	1.1	29300	26900	6300	8200	21304CDKE4	
25	52	18	1	37500	37000	7100	9000	22205CE4	
25	52	18	1	37500	37000	7100	9000	22205CKE4	
25	62	17	1.1	43000	40500	5300	6700	21305CDE4	
25	62	17	1.1	43000	40500	5300	6700	21305CDKE4	
30	62	20	1	50000	50000	6000	7500	22206CE4	
30	62	20	1	50000	50000	6000	7500	22206CKE4	
30	72	19	1.1	55000	54000	4500	6000	21306CDE4	
30	72	19	1.1	55000	54000	4500	6000	21306CDKE4	
35	72	23	1.1	69000	71000	5300	6700	22207CE4	
35	72	23	1.1	69000	71000	5300	6700	22207CKE4	
35	80	21	1.5	71500	76000	4000	5300	21307CDE4	
35	80	21	1.5	71500	76000	4000	5300	21307CDKE4	
40	80	23	1.1	113000	99500	6700	8500	22208EAE4	NSKHPS
40	80	23	1.1	113000	99500	6700	8500	22208EAKE4	NSKHPS
40	90	23	1.5	118000	111000	6000	7500	21308EAE4	NSKHPS
40	90	23	1.5	118000	111000	6000	7500	21308EAKE4	NSKHPS
40	90	33	1.5	170000	153000	5300	6700	22308EAE4	NSKHPS
40	90	33	1.5	170000	153000	5300	6700	22308EAKE4	NSKHPS
45	85	23	1.1	118000	111000	6000	7500	22209EAE4	NSKHPS
45	85	23	1.1	118000	111000	6000	7500	22209EAKE4	NSKHPS
45	100	25	1.5	149000	144000	5000	6300	21309EAE4	NSKHPS
45	100	25	1.5	149000	144000	5000	6300	21309EAKE4	NSKHPS
45	100	36	1.5	207000	195000	4500	5600	22309EAE4	NSKHPS
45	100	36	1.5	207000	195000	4500	5600	22309EAKE4	NSKHPS
50	90	23	1.1	124000	119000	5600	7100	22210EAE4	NSKHPS
50	90	23	1.1	124000	119000	5600	7100	22210EAKE4	NSKHPS
50	110	27	2	178000	174000	4500	5600	21310EAE4	NSKHPS
50	110	27	2	178000	174000	4500	5600	21310EAKE4	NSKHPS
50	110	40	2	246000	234000	4300	5300	22310EAE4	NSKHPS
50	110	40	2	246000	234000	4300	5300	22310EAKE4	NSKHPS
55	100	25	1.5	149000	144000	5300	6700	22211EAE4	NSKHPS
55	100	25	1.5	149000	144000	5300	6700	22211EAKE4	NSKHPS
55	120	29	2	178000	174000	4500	5600	21311EAE4	NSKHPS
55	120	29	2	178000	174000	4500	5600	21311EAKE4	NSKHPS
55	120	43	2	292000	292000	3800	4800	22311EAE4	NSKHPS
55	120	43	2	292000	292000	3800	4800	22311EAKE4	NSKHPS
60	95	26	1.1	98500	141000	3600	4500	23012CE4	
60	95	26	1.1	98500	141000	3600	4500	23012CKE4	
60	110	28	1.5	178000	174000	4800	6000	22212EAE4	NSKHPS
60	110	28	1.5	178000	174000	4800	6000	22212EAKE4	NSKHPS
60	130	31	2.1	238000	244000	3800	4800	21312EAE4	NSKHPS
60	130	31	2.1	238000	244000	3800	4800	21312EAKE4	NSKHPS
60	130	46	2.1	340000	340000	3600	4500	22312EAE4	NSKHPS
60	130	46	2.1	340000	340000	3600	4500	22312EAKE4	NSKHPS

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
65	120	31	1.5	221000	230000	4300	5300	22213EAE4	NSKHPS
65	120	31	1.5	221000	230000	4300	5300	22213EAKE4	NSKHPS
65	140	33	2.1	264000	275000	3600	4500	21313EAE4	NSKHPS
65	140	33	2.1	264000	275000	3600	4500	21313EAKE4	NSKHPS
65	140	48	2.1	375000	380000	3200	4000	22313EAE4	NSKHPS
65	140	48	2.1	375000	380000	3200	4000	22313EAKE4	NSKHPS
70	125	31	1.5	225000	232000	4000	5300	22214EAE4	NSKHPS
70	125	31	1.5	225000	232000	4000	5300	22214EAKE4	NSKHPS
70	150	35	2.1	310000	325000	3200	4000	21314EAE4	NSKHPS
70	150	35	2.1	310000	325000	3200	4000	21314EAKE4	NSKHPS
70	150	51	2.1	425000	435000	3000	3800	22314EAE4	NSKHPS
70	150	51	2.1	425000	435000	3000	3800	22314EAKE4	NSKHPS
75	130	31	1.5	238000	244000	4000	5000	22215EAE4	NSKHPS
75	130	31	1.5	238000	244000	4000	5000	22215EAKE4	NSKHPS
75	160	37	2.1	310000	325000	3200	4000	21315EAE4	NSKHPS
75	160	37	2.1	310000	325000	3200	4000	21315EAKE4	NSKHPS
75	160	55	2.1	485000	505000	2800	3600	22315EAE4	NSKHPS
75	160	55	2.1	485000	505000	2800	3600	22315EAKE4	NSKHPS
80	140	33	2	264000	275000	3600	4500	22216EAE4	NSKHPS
80	140	33	2	264000	275000	3600	4500	22216EAKE4	NSKHPS
80	170	39	2.1	355000	375000	3000	3800	21316EAE4	NSKHPS
80	170	39	2.1	355000	375000	3000	3800	21316EAKE4	NSKHPS
80	170	58	2.1	540000	565000	2600	3400	22316EAE4	NSKHPS
80	170	58	2.1	540000	565000	2600	3400	22316EAKE4	NSKHPS
85	150	36	2	310000	325000	3400	4300	22217EAE4	NSKHPS
85	150	36	2	310000	325000	3400	4300	22217EAKE4	NSKHPS
85	180	41	3	360000	395000	3000	4000	21317EAE4	NSKHPS
85	180	41	3	360000	395000	3000	4000	21317EAKE4	NSKHPS
85	180	60	3	600000	630000	2400	3200	22317EAE4	NSKHPS
85	180	60	3	600000	630000	2400	3200	22317EAKE4	NSKHPS
90	160	40	2	360000	395000	3200	4000	22218EAE4	NSKHPS
90	160	40	2	360000	395000	3200	4000	22218EAKE4	NSKHPS
90	160	52.4	2	340000	490000	1800	2400	23218CE4	
90	160	52.4	2	340000	490000	1800	2400	23218CKE4	
90	190	43	3	415000	450000	2800	3600	21318EAE4	NSKHPS
90	190	43	3	415000	450000	2800	3600	21318EAKE4	NSKHPS
90	190	64	3	665000	705000	2400	3000	22318EAE4	NSKHPS
90	190	64	3	665000	705000	2400	3000	22318EAKE4	NSKHPS
95	170	43	2.1	415000	450000	3000	3800	22219EAE4	NSKHPS
95	170	43	2.1	415000	450000	3000	3800	22219EAKE4	NSKHPS
95	170	55.6	2.1	370000	525000	1700	2200	23219CAE4	
95	170	55.6	2.1	370000	525000	1700	2200	23219CAKE4	
95	200	45	3	345000	435000	1500	2000	21319CE4	
95	200	45	3	345000	435000	1500	2000	21319CKE4	
95	200	67	3	735000	780000	2200	2800	22319EAE4	NSKHPS
95	200	67	3	735000	780000	2200	2800	22319EAKE4	NSKHPS

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
100	150	37	1.5	212000	335000	2200	2800	23020CDE4	
100	150	37	1.5	212000	335000	2200	2800	23020CDKE4	
100	150	50	1.5	276000	470000	1800	2400	24020CE4	
100	150	50	1.5	276000	470000	1800	2400	24020CK30E4	
100	165	52	2	345000	530000	1700	2200	23120CE4	
100	165	52	2	345000	530000	1700	2200	23120CKE4	
100	165	65	2	345000	535000	1700	2200	24120CAE4	
100	165	65	2	345000	535000	1700	2200	24120CAK30E4	
100	180	46	2.1	455000	490000	2800	3600	22220EAE4	NSKHPS
100	180	46	2.1	455000	490000	2800	3600	22220EAKE4	NSKHPS
100	180	60.3	2.1	420000	605000	1600	2200	23220CE4	
100	180	60.3	2.1	420000	605000	1600	2200	23220CKE4	
100	215	47	3	395000	485000	1400	1900	21320CE4	
100	215	47	3	395000	485000	1400	1900	21320CKE4	
100	215	73	3	860000	930000	2000	2600	22320EAE4	NSKHPS
100	215	73	3	860000	930000	2000	2600	22320EAKE4	NSKHPS
110	170	45	2	293000	465000	2000	2400	23022CDE4	
110	170	45	2	293000	465000	2000	2400	23022CDKE4	
110	170	60	2	380000	645000	1600	2200	24022CE4	
110	170	60	2	380000	645000	1600	2200	24022CK30E4	
110	180	56	2	385000	630000	1600	2000	23122CE4	
110	180	56	2	385000	630000	1600	2000	23122CKE4	
110	180	69	2	460000	750000	1600	2000	24122CE4	
110	180	69	2	460000	750000	1600	2000	24122CK30E4	
110	200	53	2.1	605000	645000	2600	3200	22222EAE4	NSKHPS
110	200	53	2.1	605000	645000	2600	3200	22222EAKE4	NSKHPS
110	200	69.8	2.1	515000	760000	1500	1900	23222CE4	
110	200	69.8	2.1	515000	760000	1500	1900	23222CKE4	
110	240	50	3	450000	545000	1300	1700	21322CAE4	
110	240	50	3	450000	545000	1300	1700	21322CAKE4	
110	240	80	3	1030000	1120000	1900	2400	22322EAE4	NSKHPS
110	240	80	3	1030000	1120000	1900	2400	22322EAKE4	NSKHPS
120	180	46	2	315000	525000	1800	2200	23024CDE4	
120	180	46	2	315000	525000	1800	2200	23024CDKE4	
120	180	60	2	395000	705000	1500	2000	24024CE4	
120	180	60	2	395000	705000	1500	2000	24024CK30E4	
120	200	62	2	465000	720000	1400	1800	23124CE4	
120	200	62	2	465000	720000	1400	1800	23124CKE4	
120	200	80	2	575000	954000	1400	1800	24124CE4	
120	200	80	2	575000	954000	1400	1800	24124CK30E4	
120	215	58	2.1	685000	765000	2400	3000	22224EAE4	NSKHPS
120	215	58	2.1	685000	765000	2400	3000	22224EAKE4	NSKHPS
120	215	76	2.1	630000	970000	1300	1700	23224CE4	
120	215	76	2.1	630000	970000	1300	1700	23224CKE4	
120	260	86	3	1190000	1320000	1700	2200	22324EAE4	NSKHPS

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
120	260	86	3	1190000	1320000	1700	2200	22324EAKE4	NSKHPS
130	200	52	2	400000	655000	1700	2000	23026CDE4	
130	200	52	2	400000	655000	1700	2000	23026CDKE4	
130	200	69	2	495000	865000	1400	1800	24026CE4	
130	200	69	2	495000	865000	1400	1800	24026CK30E4	
130	210	64	2	505000	825000	1300	1700	23126CE4	
130	210	64	2	505000	825000	1300	1700	23126CKE4	
130	210	80	2	590000	1010000	1300	1700	24126CE4	
130	210	80	2	590000	1010000	1300	1700	24126CK30E4	
130	230	64	3	820000	940000	2200	2600	22226EAE4	NSKHPS
130	230	64	3	820000	940000	2200	2600	22226EAKE4	NSKHPS
130	230	80	3	700000	1080000	1200	1600	23226CE4	
130	230	80	3	700000	1080000	1200	1600	23226CKE4	
130	280	93	4	995000	1350000	1300	1600	22326CE4	
130	280	93	4	995000	1350000	1300	1600	22326CKE4	
140	210	53	2	420000	715000	1600	1900	23028CDE4	
140	210	53	2	420000	715000	1600	1900	23028CDKE4	
140	210	69	2	525000	945000	1300	1700	24028CE4	
140	210	69	2	525000	945000	1300	1700	24028CK30E4	
140	225	68	2.1	580000	945000	1200	1600	23128CE4	
140	225	68	2.1	580000	945000	1200	1600	23128CKE4	
140	225	85	2.1	670000	1160000	1200	1600	24128CE4	
140	225	85	2.1	670000	1160000	1200	1600	24128CK30E4	
140	250	68	3	645000	930000	1400	1700	22228CDE4	
140	250	68	3	645000	930000	1400	1700	22228CDKE4	
140	250	88	3	835000	1300000	1100	1500	23228CE4	
140	250	88	3	835000	1300000	1100	1500	23228CKE4	
140	300	102	4	1160000	1590000	1200	1500	22328CE4	
140	300	102	4	1160000	1590000	1200	1500	22328CKE4	
150	225	56	2.1	470000	815000	1400	1800	23030CDE4	
150	225	56	2.1	470000	815000	1400	1800	23030CDKE4	
150	225	75	2.1	590000	1090000	1200	1500	24030CE4	
150	225	75	2.1	590000	1090000	1200	1500	24030CK30E4	
150	250	80	2.1	725000	1180000	1100	1400	23130CE4	
150	250	80	2.1	725000	1180000	1100	1400	23130CKE4	
150	250	100	2.1	890000	1530000	1100	1400	24130CE4	
150	250	100	2.1	890000	1530000	1100	1400	24130CK30E4	
150	270	73	3	765000	1120000	1300	1600	22230CDE4	
150	270	73	3	765000	1120000	1300	1600	22230CDKE4	
150	270	96	3	975000	1560000	1100	1400	23230CE4	
150	270	96	3	975000	1560000	1100	1400	23230CKE4	
150	320	108	4	1220000	1690000	1100	1400	22330CAE4	
150	320	108	4	1220000	1690000	1100	1400	22330CAKE4	
160	220	45	2	360000	675000	1400	1800	23932CAE4	
160	220	45	2	360000	675000	1400	1800	23932CAKE4	
160	240	60	2.1	540000	955000	1300	1700	23032CDE4	

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
160	240	60	2.1	540000	955000	1300	1700	23032CDKE4	
160	240	80	2.1	680000	1260000	1100	1400	24032CE4	
160	240	80	2.1	680000	1260000	1100	1400	24032CK30E4	
160	270	86	2.1	855000	1400000	1000	1300	23132CE4	
160	270	86	2.1	855000	1400000	1000	1300	23132CKE4	
160	270	109	2.1	1040000	1760000	1000	1300	24132CE4	
160	270	109	2.1	1040000	1760000	1000	1300	24132CK30E4	
160	290	80	3	910000	1320000	1200	1500	22232CDE4	
160	290	80	3	910000	1320000	1200	1500	22232CDKE4	
160	290	104	3	1100000	1770000	1000	1300	23232CE4	
160	290	104	3	1100000	1770000	1000	1300	23232CKE4	
160	340	114	4	1360000	1900000	1100	1300	22332CAE4	
160	340	114	4	1360000	1900000	1100	1300	22332CAKE4	
170	230	45	2	350000	660000	1400	1800	23934BCAE4	
170	230	45	2	350000	660000	1400	1800	23934BCAKE4	
170	260	67	2.1	640000	1090000	1200	1600	23034CDE4	
170	260	67	2.1	640000	1090000	1200	1600	23034CDKE4	
170	260	90	2.1	825000	1520000	1000	1300	24034CE4	
170	260	90	2.1	825000	1520000	1000	1300	24034CK30E4	
170	280	88	2.1	940000	1570000	1000	1300	23134CE4	
170	280	88	2.1	940000	1570000	1000	1300	23134CKE4	
170	280	109	2.1	1080000	1860000	1000	1300	24134CE4	
170	280	109	2.1	1080000	1860000	1000	1300	24134CK30E4	
170	310	86	4	990000	1500000	1100	1400	22234CDE4	
170	310	86	4	990000	1500000	1100	1400	22234CDKE4	
170	310	110	4	1200000	1910000	900	1200	23234CE4	
170	310	110	4	1200000	1910000	900	1200	23234CKE4	
170	360	120	4	1580000	2110000	1000	1200	22334CAE4	
170	360	120	4	1580000	2110000	1000	1200	22334CAKE4	
180	250	52	2	470000	890000	1200	1600	23936CAE4	
180	250	52	2	470000	890000	1200	1600	23936CAKE4	
180	280	74	2.1	750000	1270000	1200	1400	23036CDE4	
180	280	74	2.1	750000	1270000	1200	1400	23036CDKE4	
180	280	100	2.1	965000	1750000	950	1200	24036CE4	
180	280	100	2.1	965000	1750000	950	1200	24036CK30E4	
180	300	96	3	1050000	1760000	900	1200	23136CE4	
180	300	96	3	1050000	1760000	900	1200	23136CKE4	
180	300	118	3	1190000	2040000	900	1200	24136CE4	
180	300	118	3	1190000	2040000	900	1200	24136CK30E4	
180	320	86	4	1020000	1540000	1100	1300	22236CDE4	
180	320	86	4	1020000	1540000	1100	1300	22236CDKE4	
180	320	112	4	1300000	2110000	850	1100	23236CE4	
180	320	112	4	1300000	2110000	850	1100	23236CKE4	
180	380	126	4	1740000	2340000	950	1200	22336CAE4	
180	380	126	4	1740000	2340000	950	1200	22336CAKE4	
190	260	52	2	460000	875000	1200	1500	23938CAE4	

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
190	260	52	2	460000	875000	1200	1500	23938CAKE4	
190	290	75	2.1	775000	1350000	1100	1400	23038CAE4	
190	290	75	2.1	775000	1350000	1100	1400	23038CAKE4	
190	290	100	2.1	975000	1840000	900	1200	24038CE4	
190	290	100	2.1	975000	1840000	900	1200	24038CK30E4	
190	320	104	3	1190000	2020000	850	1100	23138CE4	
190	320	104	3	1190000	2020000	850	1100	23138CKE4	
190	320	128	3	1370000	2330000	850	1100	24138CE4	
190	320	128	3	1370000	2330000	850	1100	24138CK30E4	
190	340	92	4	1140000	1730000	1000	1200	22238CAE4	
190	340	92	4	1140000	1730000	1000	1200	22238CAKE4	
190	340	120	4	1440000	2350000	800	1100	23238CE4	
190	340	120	4	1440000	2350000	800	1100	23238CKE4	
190	400	132	5	1890000	2590000	900	1100	22338CAE4	
190	400	132	5	1890000	2590000	900	1100	22338CAKE4	
200	280	60	2.1	570000	1060000	1100	1400	23940CAE4	
200	280	60	2.1	570000	1060000	1100	1400	23940CAKE4	
200	310	82	2.1	940000	1700000	1000	1300	23040CAE4	
200	310	82	2.1	940000	1700000	1000	1300	23040CAKE4	
200	310	109	2.1	1140000	2120000	850	1100	24040CE4	
200	310	109	2.1	1140000	2120000	850	1100	24040CK30E4	
200	340	112	3	1360000	2330000	800	1000	23140CE4	
200	340	112	3	1360000	2330000	800	1000	23140CKE4	
200	340	140	3	1570000	2670000	800	1000	24140CE4	
200	340	140	3	1570000	2670000	800	1000	24140CK30E4	
200	360	98	4	1300000	2010000	950	1200	22240CAE4	
200	360	98	4	1300000	2010000	950	1200	22240CAKE4	
200	360	128	4	1660000	2750000	750	1000	23240CE4	
200	360	128	4	1660000	2750000	750	1000	23240CKE4	
200	420	138	5	2000000	2990000	850	1000	22340CAE4	
200	420	138	5	2000000	2990000	850	1000	22340CAKE4	
220	300	60	2.1	625000	1240000	1000	1300	23944CAE4	
220	300	60	2.1	625000	1240000	1000	1300	23944CAKE4	
220	340	90	3	1090000	1980000	950	1200	23044CAE4	
220	340	90	3	1090000	1980000	950	1200	23044CAKE4	
220	340	118	3	1360000	2600000	750	1000	24044CE4	
220	340	118	3	1360000	2600000	750	1000	24044CK30E4	
220	370	120	4	1570000	2710000	710	950	23144CE4	
220	370	120	4	1570000	2710000	710	950	23144CKE4	
220	370	150	4	1800000	3200000	710	950	24144CE4	
220	370	150	4	1800000	3200000	710	950	24144CK30E4	
220	400	108	4	1570000	2430000	850	1000	22244CAE4	
220	400	108	4	1570000	2430000	850	1000	22244CAKE4	
220	400	144	4	2020000	3400000	670	900	23244CE4	
220	400	144	4	2020000	3400000	670	900	23244CKE4	
220	460	145	5	2350000	3400000	750	950	22344CAE4	

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
220	460	145	5	2350000	3400000	750	950	22344CAKE4	
240	320	60	2.1	635000	1300000	950	1200	23948CAE4	
240	320	60	2.1	635000	1300000	950	1200	23948CAKE4	
240	360	92	3	1160000	2140000	850	1100	23048CAE4	
240	360	92	3	1160000	2140000	850	1100	23048CAKE4	
240	360	118	3	1390000	2730000	710	950	24048CAE4	
240	360	118	3	1390000	2730000	710	950	24048CAK30E4	
240	400	128	4	1790000	3100000	670	850	23148CE4	
240	400	128	4	1790000	3100000	670	850	23148CKE4	
240	400	160	4	2130000	3800000	670	850	24148CE4	
240	400	160	4	2130000	3800000	670	850	24148CK30E4	
240	440	120	4	1870000	2890000	750	950	22248CAE4	
240	440	120	4	1870000	2890000	750	950	22248CAKE4	
240	440	160	4	2440000	4050000	630	800	23248CAE4	
240	440	160	4	2440000	4050000	630	800	23248CAKE4	
240	500	155	5	2600000	3800000	670	850	22348CAE4	
240	500	155	5	2600000	3800000	670	850	22348CAKE4	
260	360	75	2.1	930000	1870000	850	1000	23952CAE4	
260	360	75	2.1	930000	1870000	850	1000	23952CAKE4	
260	400	104	4	1430000	2580000	800	950	23052CAE4	
260	400	104	4	1430000	2580000	800	950	23052CAKE4	
260	400	140	4	1810000	3500000	630	850	24052CAE4	
260	400	140	4	1810000	3500000	630	850	24052CAK30E4	
260	440	144	4	2160000	3750000	600	800	23152CAE4	
260	440	144	4	2160000	3750000	600	800	23152CAKE4	
260	440	180	4	2560000	4700000	600	800	24152CAE4	
260	440	180	4	2560000	4700000	600	800	24152CAK30E4	
260	480	130	5	2180000	3400000	670	850	22252CAE4	
260	480	130	5	2180000	3400000	670	850	22252CAKE4	
260	480	174	5	2740000	4550000	560	750	23252CAE4	
260	480	174	5	2740000	4550000	560	750	23252CAKE4	
260	540	165	6	3100000	4600000	630	800	22352CAE4	
260	540	165	6	3100000	4600000	630	800	22352CAKE4	
280	380	75	2.1	925000	1950000	800	950	23956CAE4	
280	380	75	2.1	925000	1950000	800	950	23956CAKE4	
280	420	106	4	1540000	2950000	710	900	23056CAE4	
280	420	106	4	1540000	2950000	710	900	23056CAKE4	
280	420	140	4	1880000	3800000	600	800	24056CAE4	
280	420	140	4	1880000	3800000	600	800	24056CAK30E4	
280	460	146	5	2230000	4000000	560	750	23156CAE4	
280	460	146	5	2230000	4000000	560	750	23156CAKE4	
280	460	180	5	2640000	5000000	560	750	24156CAE4	
280	460	180	5	2640000	5000000	560	750	24156CAK30E4	

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
280	500	130	5	2280000	3650000	630	800	22256CAE4	
280	500	130	5	2280000	3650000	630	800	22256CAKE4	
280	500	176	5	2880000	4900000	530	670	23256CAE4	
280	500	176	5	2880000	4900000	530	670	23256CAKE4	
280	580	175	6	3500000	5150000	560	710	22356CAE4	
280	580	175	6	3500000	5150000	560	710	22356CAKE4	
300	420	90	3	1230000	2490000	710	900	23960CAE4	
300	420	90	3	1230000	2490000	710	900	23960CAKE4	
300	460	118	4	1920000	3700000	670	850	23060CAE4	
300	460	118	4	1920000	3700000	670	850	23060CAKE4	
300	460	160	4	2310000	4600000	530	710	24060CAE4	
300	460	160	4	2310000	4600000	530	710	24060CAK30E4	
300	500	160	5	2670000	4800000	500	670	23160CAE4	
300	500	160	5	2670000	4800000	500	670	23160CAKE4	
300	500	200	5	3100000	5800000	500	670	24160CAE4	
300	500	200	5	3100000	5800000	500	670	24160CAK30E4	
300	540	140	5	2610000	4250000	600	750	22260CAE4	
300	540	140	5	2610000	4250000	600	750	22260CAKE4	
300	540	192	5	3400000	5900000	480	630	23260CAE4	
300	540	192	5	3400000	5900000	480	630	23260CAKE4	
320	440	90	3	1300000	2750000	670	850	23964CAE4	
320	440	90	3	1300000	2750000	670	850	23964CAKE4	
320	480	121	4	1960000	3850000	630	800	23064CAE4	
320	480	121	4	1960000	3850000	630	800	23064CAKE4	
320	480	160	4	2440000	5050000	500	670	24064CAE4	
320	480	160	4	2440000	5050000	500	670	24064CAK30E4	
320	540	176	5	3050000	5500000	480	600	23164CAE4	
320	540	176	5	3050000	5500000	480	600	23164CAKE4	
320	540	218	5	3550000	6650000	480	600	24164CAE4	
320	540	218	5	3550000	6650000	480	600	24164CAK30E4	
320	580	150	5	2990000	4850000	530	670	22264CAE4	
320	580	150	5	2990000	4850000	530	670	22264CAKE4	
320	580	208	5	3900000	6900000	450	600	23264CAE4	
320	580	208	5	3900000	6900000	450	600	23264CAKE4	
340	460	90	3	1330000	2840000	630	800	23968CAE4	
340	460	90	3	1330000	2840000	630	800	23968CAKE4	
340	520	133	5	2280000	4400000	560	710	23068CAE4	
340	520	133	5	2280000	4400000	560	710	23068CAKE4	
340	520	180	5	2920000	6050000	480	600	24068CAE4	
340	520	180	5	2920000	6050000	480	600	24068CAK30E4	
340	580	190	5	3600000	6600000	430	560	23168CAE4	
340	580	190	5	3600000	6600000	430	560	23168CAKE4	
340	580	243	5	4250000	7900000	430	560	24168CAE4	

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
340	580	243	5	4250000	7900000	430	560	24168CAK30E4	
340	620	224	6	4400000	7800000	400	530	23268CAE4	
340	620	224	6	4400000	7800000	400	530	23268CAKE4	
360	480	90	3	1390000	3050000	600	750	23972CAE4	
360	480	90	3	1390000	3050000	600	750	23972CAKE4	
360	540	134	5	2390000	4700000	530	670	23072CAE4	
360	540	134	5	2390000	4700000	530	670	23072CAKE4	
360	540	180	5	2930000	6100000	450	600	24072CAE4	
360	540	180	5	2930000	6100000	450	600	24072CAK30E4	
360	600	192	5	3800000	7100000	400	530	23172CAE4	
360	600	192	5	3800000	7100000	400	530	23172CAKE4	
360	600	243	5	4200000	8000000	400	530	24172CAE4	
360	600	243	5	4200000	8000000	400	530	24172CAK30E4	
360	650	232	6	4800000	8550000	380	500	23272CAE4	
360	650	232	6	4800000	8550000	380	500	23272CAKE4	
380	520	106	4	1870000	4100000	530	670	23976CAE4	
380	520	106	4	1870000	4100000	530	670	23976CAKE4	
380	560	135	5	2500000	5100000	530	630	23076CAE4	
380	560	135	5	2500000	5100000	530	630	23076CAKE4	
380	560	180	5	3050000	6600000	430	560	24076CAE4	
380	560	180	5	3050000	6600000	430	560	24076CAK30E4	
380	620	194	5	4000000	7600000	400	500	23176CAE4	
380	620	194	5	4000000	7600000	400	500	23176CAKE4	
380	620	243	5	4350000	8450000	400	500	24176CAE4	
380	620	243	5	4350000	8450000	400	500	24176CAK30E4	
380	680	240	6	5150000	9200000	360	480	23276CAE4	
380	680	240	6	5150000	9200000	360	480	23276CAKE4	
400	540	106	4	1890000	4250000	530	630	23980CAE4	
400	540	106	4	1890000	4250000	530	630	23980CAKE4	
400	600	148	5	2970000	5900000	480	600	23080CAE4	
400	600	148	5	2970000	5900000	480	600	23080CAKE4	
400	600	200	5	3600000	7600000	400	500	24080CAE4	
400	600	200	5	3600000	7600000	400	500	24080CAK30E4	
400	650	200	6	4150000	7900000	380	480	23180CAE4	
400	650	200	6	4150000	7900000	380	480	23180CAKE4	
400	650	250	6	4950000	10100000	380	480	24180CAE4	
400	650	250	6	4950000	10100000	380	480	24180CAK30E4	
400	720	256	6	5800000	10400000	340	450	23280CAE4	
400	720	256	6	5800000	10400000	340	450	23280CAKE4	
420	560	106	4	1870000	4250000	500	600	23984CAE4	
420	560	106	4	1870000	4250000	500	600	23984CAKE4	
420	620	150	5	2910000	5850000	450	560	23084CAE4	

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
420	620	150	5	2910000	5850000	450	560	23084CAKE4	
420	620	200	5	3750000	8100000	380	480	24084CAE4	
420	620	200	5	3750000	8100000	380	480	24084CAK30E4	
420	700	224	6	5000000	9400000	340	450	23184CAE4	
420	700	224	6	5000000	9400000	340	450	23184CAKE4	
420	700	280	6	6000000	12000000	340	450	24184CAE4	
420	700	280	6	6000000	12000000	340	450	24184CAK30E4	
420	760	272	7.5	6450000	11700000	320	430	23284CAE4	
420	760	272	7.5	6450000	11700000	320	430	23284CAKE4	
440	600	118	4	2190000	4800000	450	560	23988CAE4	
440	600	118	4	2190000	4800000	450	560	23988CAKE4	
440	650	157	6	3150000	6350000	430	530	23088CAE4	
440	650	157	6	3150000	6350000	430	530	23088CAKE4	
440	650	212	6	4150000	9100000	360	450	24088CAE4	
440	650	212	6	4150000	9100000	360	450	24088CAK30E4	
440	720	226	6	5300000	10300000	320	430	23188CAE4	
440	720	226	6	5300000	10300000	320	430	23188CAKE4	
440	720	280	6	6000000	12100000	320	430	24188CAE4	
440	720	280	6	6000000	12100000	320	430	24188CAK30E4	
440	790	280	7.5	6900000	12800000	300	400	23288CAE4	
440	790	280	7.5	6900000	12800000	300	400	23288CAKE4	
460	620	118	4	2220000	4950000	430	530	23992CAE4	
460	620	118	4	2220000	4950000	430	530	23992CAKE4	
460	680	163	6	3450000	7100000	400	500	23092CAE4	
460	680	163	6	3450000	7100000	400	500	23092CAKE4	
460	680	218	6	4500000	9950000	340	430	24092CAE4	
460	680	218	6	4500000	9950000	340	430	24092CAK30E4	
460	760	240	7.5	5700000	10900000	300	400	23192CAE4	
460	760	240	7.5	5700000	10900000	300	400	23192CAKE4	
460	760	300	7.5	6300000	12400000	300	400	24192CAE4	
460	760	300	7.5	6300000	12400000	300	400	24192CAK30E4	
460	830	296	7.5	7350000	13700000	280	380	23292CAE4	
460	830	296	7.5	7350000	13700000	280	380	23292CAKE4	
480	650	128	5	2580000	5850000	400	500	23996CAE4	
480	650	128	5	2580000	5850000	400	500	23996CAKE4	
480	700	165	6	3800000	7950000	400	480	23096CAE4	
480	700	165	6	3800000	7950000	400	480	23096CAKE4	
480	700	218	6	4600000	10200000	320	430	24096CAE4	
480	700	218	6	4600000	10200000	320	430	24096CAK30E4	
480	790	248	7.5	6050000	11700000	300	380	23196CAE4	
480	790	248	7.5	6050000	11700000	300	380	23196CAKE4	
480	790	308	7.5	7150000	14600000	300	380	24196CAE4	

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
480	790	308	7.5	7150000	14600000	300	380	24196CAK30E4	
480	870	310	7.5	7850000	14400000	260	360	23296CAE4	
480	870	310	7.5	7850000	14400000	260	360	23296CAKE4	
500	670	128	5	2460000	5550000	400	500	239/500CAE4	
500	670	128	5	2460000	5550000	400	500	239/500CAKE4	
500	720	167	6	3750000	8100000	380	480	230/500CAE4	
500	720	167	6	3750000	8100000	380	480	230/500CAKE4	
500	720	218	6	4450000	9900000	300	400	240/500CAE4	
500	720	218	6	4450000	9900000	300	400	240/500CAK30E4	
500	830	264	7.5	6850000	13400000	280	360	231/500CAE4	
500	830	264	7.5	6850000	13400000	280	360	231/500CAKE4	
500	830	325	7.5	8000000	16000000	280	360	241/500CAE4	
500	830	325	7.5	8000000	16000000	280	360	241/500CAK30E4	
500	920	336	7.5	9000000	16600000	260	320	232/500CAE4	
500	920	336	7.5	9000000	16600000	260	320	232/500CAKE4	
530	710	136	5	2930000	6800000	360	450	239/530CAE4	
530	710	136	5	2930000	6800000	360	450	239/530CAKE4	
530	780	185	6	4400000	9200000	340	430	230/530CAE4	
530	780	185	6	4400000	9200000	340	430	230/530CAKE4	
530	780	250	6	5400000	11800000	280	360	240/530CAE4	
530	780	250	6	5400000	11800000	280	360	240/530CAK30E4	
530	870	272	7.5	7150000	14100000	260	340	231/530CAE4	
530	870	272	7.5	7150000	14100000	260	340	231/530CAKE4	
530	870	335	7.5	8500000	17500000	260	340	241/530CAE4	
530	870	335	7.5	8500000	17500000	260	340	241/530CAK30E4	
530	980	355	9.5	10100000	18800000	240	300	232/530CAE4	
530	980	355	9.5	10100000	18800000	240	300	232/530CAKE4	
560	750	140	5	3100000	7250000	340	430	239/560CAE4	
560	750	140	5	3100000	7250000	340	430	239/560CAKE4	
560	820	195	6	5000000	10700000	320	400	230/560CAE4	
560	820	195	6	5000000	10700000	320	400	230/560CAKE4	
560	820	258	6	5950000	13300000	260	340	240/560CAE4	
560	820	258	6	5950000	13300000	260	340	240/560CAK30E4	
560	920	280	7.5	7850000	15500000	240	320	231/560CAE4	
560	920	280	7.5	7850000	15500000	240	320	231/560CAKE4	
560	920	355	7.5	9400000	19600000	240	320	241/560CAE4	
560	920	355	7.5	9400000	19600000	240	320	241/560CAK30E4	
560	1030	365	9.5	10900000	20500000	220	280	232/560CAE4	
560	1030	365	9.5	10900000	20500000	220	280	232/560CAKE4	
600	800	150	5	3450000	8100000	320	400	239/600CAE4	
600	800	150	5	3450000	8100000	320	400	239/600CAKE4	
600	870	200	6	5450000	12200000	300	360	230/600CAE4	

d	Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
	D	B	r min.	C _r	C _{0r}	Grease	Oil		
600	870	200	6	5450000	12200000	300	360	230/600CAKE4	
600	870	272	6	6600000	15100000	240	320	240/600CAE4	
600	870	272	6	6600000	15100000	240	320	240/600CAK30E4	
600	980	300	7.5	8750000	17500000	220	280	231/600CAE4	
600	980	300	7.5	8750000	17500000	220	280	231/600CAKE4	
600	980	375	7.5	9850000	20300000	220	280	241/600CAE4	
600	980	375	7.5	9850000	20300000	220	280	241/600CAK30E4	
600	1090	388	9.5	12700000	24900000	200	260	232/600CAE4	
600	1090	388	9.5	12700000	24900000	200	260	232/600CAKE4	
630	850	165	6	4000000	9350000	300	360	239/630CAE4	
630	850	165	6	4000000	9350000	300	360	239/630CAKE4	
630	920	212	7.5	5900000	12700000	280	340	230/630CAE4	
630	920	212	7.5	5900000	12700000	280	340	230/630CAKE4	
630	920	290	7.5	7550000	17400000	220	300	240/630CAE4	
630	920	290	7.5	7550000	17400000	220	300	240/630CAK30E4	
630	1030	400	7.5	10900000	22800000	200	260	241/630CAE4	
630	1030	400	7.5	10900000	22800000	200	260	241/630CAK30E4	
630	1150	412	12	13400000	25600000	180	240	232/630CAE4	
630	1150	412	12	13400000	25600000	180	240	232/630CAKE4	
670	900	170	6	4350000	10300000	260	340	239/670CAE4	
670	900	170	6	4350000	10300000	260	340	239/670CAKE4	
670	980	230	7.5	6850000	15000000	240	320	230/670CAE4	
670	980	230	7.5	6850000	15000000	240	320	230/670CAKE4	
670	980	308	7.5	8450000	19500000	200	260	240/670CAE4	
670	980	308	7.5	8450000	19500000	200	260	240/670CAK30E4	
670	1090	412	7.5	12400000	26500000	190	240	241/670CAE4	
670	1090	412	7.5	12400000	26500000	190	240	241/670CAK30E4	
670	1220	438	12	14900000	28700000	170	220	232/670CAE4	
670	1220	438	12	14900000	28700000	170	220	232/670CAKE4	
710	950	180	6	4800000	11700000	240	300	239/710CAE4	
710	950	180	6	4800000	11700000	240	300	239/710CAKE4	
710	1030	236	7.5	7100000	15800000	240	280	230/710CAE4	
710	1030	236	7.5	7100000	15800000	240	280	230/710CAKE4	
710	1030	315	7.5	8850000	20700000	190	240	240/710CAE4	
710	1030	315	7.5	8850000	20700000	190	240	240/710CAK30E4	
710	1150	438	9.5	13900000	30500000	170	220	241/710CAE4	
710	1150	438	9.5	13900000	30500000	170	220	241/710CAK30E4	
710	1280	450	12	15700000	30500000	160	200	232/710CAE4	
710	1280	450	12	15700000	30500000	160	200	232/710CAKE4	
750	1000	185	6	5250000	12800000	220	280	239/750CAE4	
750	1000	185	6	5250000	12800000	220	280	239/750CAKE4	

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
750	1090	250	7.5	7750000	17200000	220	260	230/750CAE4	
750	1090	250	7.5	7750000	17200000	220	260	230/750CAKE4	
750	1090	335	7.5	10100000	24000000	180	220	240/750CAE4	
750	1090	335	7.5	10100000	24000000	180	220	240/750CAK30E4	
750	1360	475	15	17700000	35500000	140	190	232/750CAE4	
750	1360	475	15	17700000	35500000	140	190	232/750CAKE4	
800	1060	195	6	5600000	13700000	220	260	239/800CAE4	
800	1060	195	6	5600000	13700000	220	260	239/800CAKE4	
800	1150	258	7.5	8350000	19100000	200	240	230/800CAE4	
800	1150	258	7.5	8350000	19100000	200	240	230/800CAKE4	
800	1150	345	7.5	10900000	26300000	160	200	240/800CAE4	
800	1150	345	7.5	10900000	26300000	160	200	240/800CAK30E4	
800	1280	375	9.5	13800000	29200000	150	190	231/800CAE4	
800	1280	375	9.5	13800000	29200000	150	190	231/800CAKE4	
800	1420	488	15	20300000	41000000	130	170	232/800CAE4	
800	1420	488	15	20300000	41000000	130	170	232/800CAKE4	
850	1120	200	6	6100000	15200000	190	240	239/850CAE4	
850	1120	200	6	6100000	15200000	190	240	239/850CAKE4	
850	1220	272	7.5	9300000	21400000	180	220	230/850CAE4	
850	1220	272	7.5	9300000	21400000	180	220	230/850CAKE4	
850	1220	365	7.5	11600000	28300000	150	190	240/850CAE4	
850	1220	365	7.5	11600000	28300000	150	190	240/850CAK30E4	
850	1500	515	15	22300000	45500000	120	160	232/850CAE4	
850	1500	515	15	22300000	45500000	120	160	232/850CAKE4	
900	1180	206	6	6600000	16700000	180	220	239/900CAE4	
900	1180	206	6	6600000	16700000	180	220	239/900CAKE4	
900	1280	375	7.5	12800000	31500000	140	180	240/900CAE4	
900	1280	375	7.5	12800000	31500000	140	180	240/900CAK30E4	
900	1580	515	15	23400000	47500000	110	140	232/900CAE4	
900	1580	515	15	23400000	47500000	110	140	232/900CAKE4	
950	1250	224	7.5	7600000	19900000	160	200	239/950CAE4	
950	1250	224	7.5	7600000	19900000	160	200	239/950CAKE4	
950	1360	300	7.5	11300000	26500000	150	190	230/950CAE4	
950	1360	300	7.5	11300000	26500000	150	190	230/950CAKE4	
950	1360	412	7.5	14500000	36500000	120	160	240/950CAE4	
950	1360	412	7.5	14500000	36500000	120	160	240/950CAK30E4	
950	1660	530	15	24700000	50500000	100	130	232/950CAE4	
950	1660	530	15	24700000	50500000	100	130	232/950CAKE4	
1000	1420	412	7.5	15300000	38500000	110	150	240/1000CAE4	
1000	1420	412	7.5	15300000	38500000	110	150	240/1000CAK30E4	
1060	1500	325	9.5	13000000	31500000	120	160	230/1060CAE4	
1060	1500	325	9.5	13000000	31500000	120	160	230/1060CAKE4	

Boundary Dimensions (mm)				Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers	NSKHPS
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> min.	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		
1060	1500	438	9.5	16800000	43000000	100	130	240/1060CAE4	
1060	1500	438	9.5	16800000	43000000	100	130	240/1060CAK3 0E4	
1120	1580	345	9.5	15400000	38000000	110	140	230/1120CAE4	
1120	1580	345	9.5	15400000	38000000	110	140	230/1120CAKE 4	
1120	1580	462	9.5	18700000	49500000	95	120	240/1120CAE4	
1120	1580	462	9.5	18700000	49500000	95	120	240/1120CAK3 0E4	
1180	1660	475	9.5	20200000	52500000	85	110	240/1180CAE4	
1180	1660	475	9.5	20200000	52500000	85	110	240/1180CAK3 0E4	
1250	1750	500	9.5	21000000	59500000	75	100	240/1250CAE4	
1250	1750	500	9.5	21000000	59500000	75	100	240/1250CAK3 0E4	
1320	1850	530	12	22600000	63500000	67	85	240/1320CAE4	
1320	1850	530	12	22600000	63500000	67	85	240/1320CAK3 0E4	
1400	1950	545	12	24500000	65000000	60	75	240/1400CAE4	
1400	1950	545	12	24500000	65000000	60	75	240/1400CAK3 0E4	