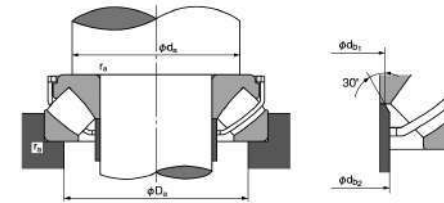
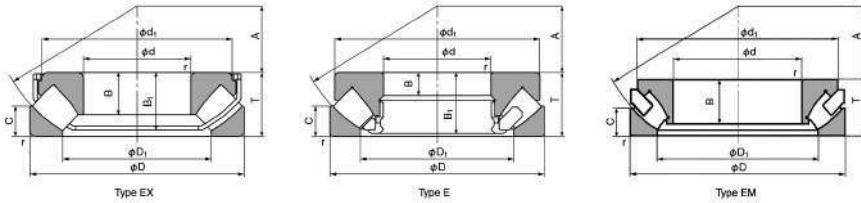


Thrust Spherical Roller Bearings:

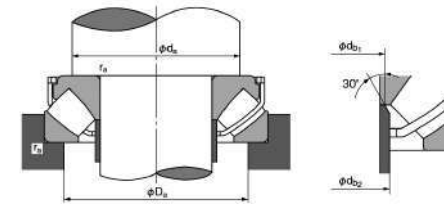
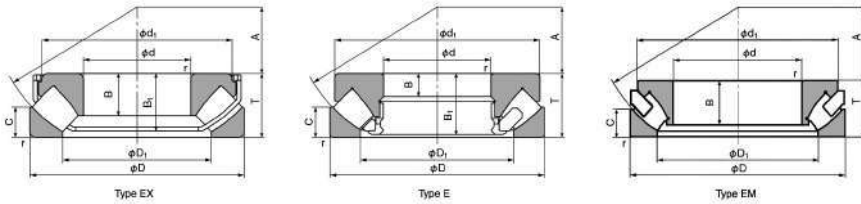
Thrust Spherical Roller Bearings are containing convex rollers. They have a self aligning capability and are free of any influence of mounting error or shaft deflection. These bearings have a significantly increased roller diameter and incorporate the maximum number of rollers, thus achieving both a high load capacity and a longer service life. For horizontal shaft or high speed application, machined brass cages are recommended. E type with pressed steel cages for high load capacity is also available.



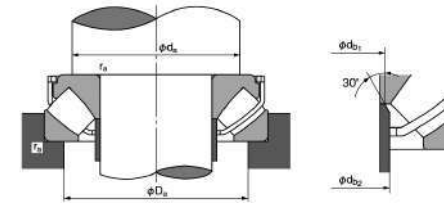
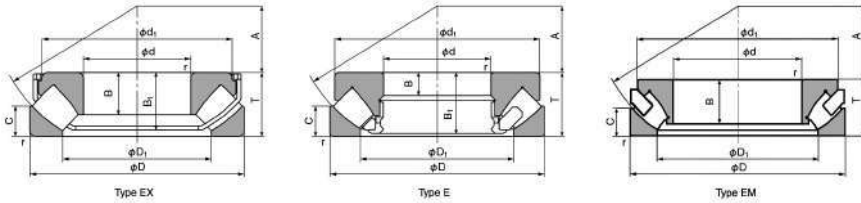
Suffix and Corresponding Description For Thrust Spherical Roller Bearings	
Suffix	Description of Suffix
E	Steel Cage
EM	Brass Cage
EX	High Capacity (Steel Cage)



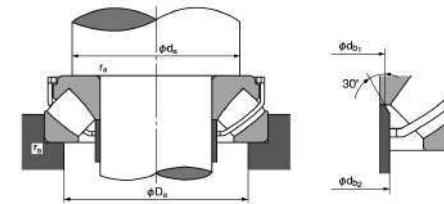
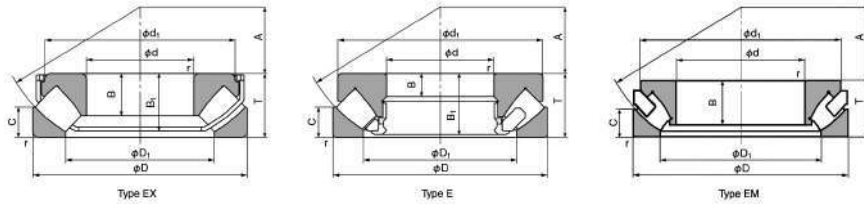
Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(kN)		(rpm)			(mm)						(mm)			(mm)		
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
60	130	42	1.5	299.00	890.00	—	2800	29412E	123	89	15	39.5	20	38	91	108	1.5	—	—	2.75
60	130	42	1.5	364.5	967.2	1650	2200	29412EM	115	85.0	34	—	20.5	38	91	108	1.5	—	—	2.75
60	130	42	1.5	350.00	915.00	1800	2800	29412EX	113	87	27	37.1	20	38	91	108	1.5	66.0	66.0	2.50
65	140	45	2	345.00	1040.00	—	2700	29413E	133	96	16	42.5	21	42	99	115	2.0	—	—	3.41
65	140	45	2	418.2	1126	1550	2200	29413EM	125	91.5	36	—	21.9	42	99	115	2	—	—	3.41
65	140	45	2	410.00	1110.00	1700	2700	29413EX	123	93.5	29.5	40	21	42	99	115	2.0	72.0	72.0	3.20
70	150	48	2	375.00	1110.00	—	2400	29414E	142	103	17	45.5	23	44	106	125	2.0	—	—	4.16
70	150	48	2	467	1344	1450	2000	29414EM	135	99.5	38.5	—	23.4	44	106	125	2	—	—	4.1
70	150	48	2	490.00	1350.00	1600	2400	29414EX	128.3	98.4	32	42.7	23	44	106	125	2.0	75.5	77.5	3.82
70	160	51	2	445.00	1380.00	—	2300	29415E	152	109	18	48	24	47	113	132	2.0	—	—	4.98
75	160	51	2	546	1522	1450	1800	29415EM	140	106.0	40.5	—	25	47	113	132	2	—	—	4.98
75	160	51	2	525.00	1470.00	1600	2300	29415EX	140	105.6	34.5	45.6	24	47	113	132	2.0	82.5	82.5	4.70
80	170	54	2.1	480.00	1490.00	—	2100	29416E	162	117	19	51	26	50	120	140	2.0	—	—	5.95
80	170	54	2.1	610	1722	1450	1800	29416EM	150	112.5	43.6	—	26	50	120	140	2.1	—	—	5.95
80	170	54	2.1	580.00	1630.00	1500	2100	29416EX	149	113	36	48.2	26	50	120	140	2.0	88.0	88.0	5.60
85	150	39	1.5	293.00	990.00	—	2700	29317E	143.5	114	13	37	19	50	115	135	1.5	—	—	2.87
85	150	39	1.5	300	1050	1500	2000	29317EM	135	110.0	31	—	19.4	50	115	135	1.5	—	—	2.87
85	150	39	1.5	365.00	1060.00	1600	2700	29317EX	134	110.5	25	35	19	50	115	135	1.5	90.0	90.0	2.67
85	180	58	2.1	540.00	1720.00	—	2000	29417E	170	125	21	55	28	54	130	150	2.0	—	—	7.19
85	180	58	2.1	653	1815	1200	1600	29417EM	160	119.5	46	—	27.5	54	130	150	2.1	—	—	7.19
85	180	58	2.1	640.00	1810.00	1300	2000	29417EX	158.2	120.5	37	50.6	28	54	130	150	2.0	94.0	94.0	6.69
90	155	39	1.5	300.00	1040.00	—	2700	29318E	148.5	117	13	37	19	52	120	140	1.5	—	—	3.06
90	155	39	1.5	370	1139	1500	2000	29318EM	140	115.5	31	—	19.8	52	120	140	1.5	—	—	3.06
90	155	39	1.5	355.00	1070.00	1600	2700	29318EX	135.2	116	23.8	35.1	19	52	120	140	1.5	95.0	95.0	2.75
90	190	60	2.1	620.00	2020.00	—	1900	29418E	180	132	22	57	29	56	135	157	2.0	—	—	8.28
90	190	60	2.1	747	2147	1200	1600	29418EM	170	125.5	48.7	—	29.3	56	135	157	2.1	—	—	8.28
90	190	60	2.1	710.00	2080.00	1300	1900	29418EX	162	127	40.5	53	29	56	135	157	2.0	99.0	99.0	7.83
100	170	42	1.5	355.00	1260.00	—	2500	29320E	163	129	14	40	20.8	58	130	150	1.5	—	—	3.91
100	170	42	1.5	440	1400	1400	1800	29320EM	155	127.5	32.5	—	21.2	58	130	150	1.5	—	—	3.91
100	170	42	1.5	435.00	1400.00	1500	2500	29320EX	146.9	126	27	38.2	20.8	58	130	150	1.5	105.0	107.0	3.61



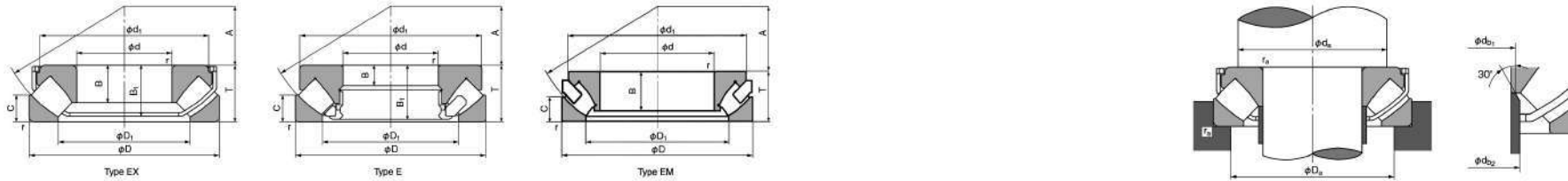
Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(KN)		(rpm)			(mm)						(mm)			(mm)		
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
100	210	67	3	690.00	2230.00	—	1700	29420E	200	146	24	64	32	62	150	175	2.5	—	—	11.2
100	210	67	3	883	2552	1000	1400	29420EM	185	141.0	53	—	32.2	62	150	175	3	—	—	11.2
100	210	67	3	870.00	2530.00	1100	1700	29420EX	181	139	44.5	59.6	32	62	150	175	2.5	108.0	110.0	10.6
110	190	48	2	470.00	1680.00	—	2100	29322E	182	143	16	45.5	23	64	145	165	2.0	—	—	5.67
110	190	48	2	542	1740	1200	1600	29322EM	175	141.5	37	—	23.9	64	145	165	2	—	—	5.67
110	190	48	2	550.00	1730.00	1300	2100	29322EX	165.1	140.6	30.9	44	23	64	145	165	2.0	116.0	117.0	5.22
110	230	73	3	845.00	2820.00	—	1500	29422E	220	162	26	69	35	69	165	190	2.5	—	—	14.7
110	230	73	3	1048	3079	900	1200	29422EM	205	154.0	57	—	35.1	69	165	190	3	—	—	14.7
110	230	73	3	1060.00	3150.00	950	1500	29422EX	199.6	153.4	48	64.4	35	69	165	190	2.5	119.5	120.0	14.0
120	210	54	2.1	565.00	2030.00	—	1900	29324E	200	159	18	51	26	70	160	180	2.0	—	—	7.90
120	210	54	2.1	685	2230	1000	1400	29324EM	190	155.0	41	—	27.2	70	160	180	2.1	—	—	7.96
120	210	54	2.1	670.00	2160.00	1100	1900	29324EX	184.5	155	34.5	48.7	26	70	160	180	2.0	127.0	128.0	7.30
120	250	78	4	1030.00	3450.00	—	1400	29424E	236	174	29	74	37	74	180	205	3.0	—	—	18.5
120	250	78	4	1191	3566	900	1200	29424EM	220	168.0	61	—	38.8	74	180	205	4	—	—	18.5
120	250	78	4	1210.00	3750.00	900	1400	29424EX	218	166.5	54	70.9	37	74	180	205	3.0	131.0	132.0	17.6
130	225	58	2.1	665.00	2420.00	—	1800	29326E	215	171	19	55	28	76	170	195	2.0	—	—	9.45
130	225	58	2.1	770	2520	900	1400	29326EM	205	167.0	44.5	—	28.3	76	170	195	2.1	—	—	9.45
130	225	58	2.1	770.00	2440.00	1000	1800	29326EX	197.4	165.8	36.8	52.7	28	76	170	195	2.0	136.0	138.0	8.82
130	270	85	4	1140.00	3850.00	—	1200	29426E	255	189	31	81	41	81	195	225	3.0	—	—	23.5
130	270	85	4	1382	4160	780	1100	29426EM	240	181.0	66.5	—	41.1	81	195	225	4	—	—	23.6
130	270	85	4	1400.00	4300.00	850	1200	29426EX	236.4	181	56	75	41	81	195	225	3.0	141.5	143.0	22.3
140	240	60	2.1	700.00	2560.00	—	1600	29328E	230	183	20	57	29	82	185	205	2.0	—	—	11.2
140	240	60	2.1	868	2940	850	1200	29328EM	220	178.0	46.5	—	29.6	82	185	205	2.1	—	—	11.2
140	240	60	2.1	860.00	2840.00	950	1600	29328EX	218.4	179	38.5	54.8	29	82	185	205	2.0	147.5	149.0	10.5
140	280	85	4	1200.00	4050.00	—	1200	29428E	268	199	31	81	41	86	205	235	3.0	—	—	24.6
140	280	85	4	1433	4436	780	1000	29428EM	250	192.5	66.5	—	41.4	86	205	235	4	—	—	24.6
140	280	85	4	1410.00	4350.00	850	1200	29428EX	246	196	53.6	74.4	41	86	205	235	3.0	153.0	160.0	22.8
150	215	39	1.5	335.00	1390.00	—	2100	29330E	208	178	14	37	19	82	179	196	1.5	—	—	4.60
150	250	60	2.1	735.00	2840.00	—	1600	29330E	240	194	20	57	29	87	195	215	2.0	—	—	11.7
150	250	60	2.1	884	3065	850	1200	29330EM	230	188.0	46	—	30	87	195	215	2.1	—	—	11.7



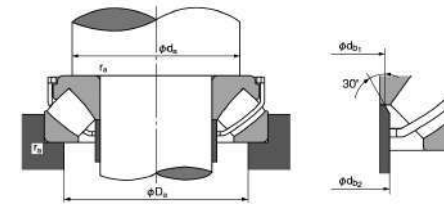
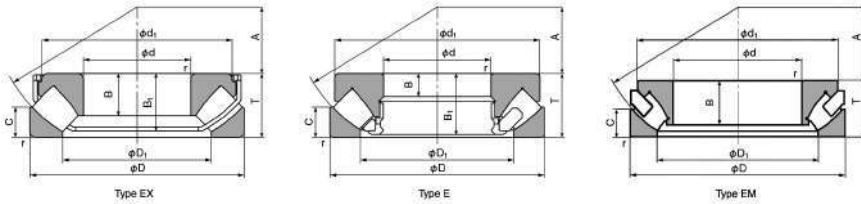
Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(kN)		(rpm)			(mm)						(mm)			(mm)		
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
150	300	90	4	1330.00	4600.00	—	1100	29430E	285	214	32	86	44	92	220	250	3.0	—	—	29.6
150	300	90	4	1624	5111	700	1000	29430EM	270	205.0	70	—	44.3	92	220	250	4	—	—	29.6
150	300	90	4	1630.00	5150.00	800	1100	29430EX	265.4	207.5	58.5	80.8	44	92	220	250	3.0	163.0	169.0	27.8
160	225	39	1.5	345.00	1470.00	—	2100	29232E	219	188	14	37	19	85	189	206	1.5	—	—	4.70
160	270	67	3	880.00	3400.00	—	1400	29332E	260	208	23	64	32	92	210	235	2.5	—	—	15.5
160	270	67	3	1021	3486	800	1100	29332EM	245	204.0	51	—	33	92	210	235	3	—	—	15.5
160	270	67	3	1040.00	3500.00	850	1400	29332EX	243.4	199.8	44	61.4	32	92	210	235	2.5	166.0	174.0	14.5
160	320	95	5	1510.00	5350.00	—	1000	29432E	306	229	34	91	45	99	230	265	4.0	—	—	35.9
160	320	95	5	1750	5330	680	900	29432EM	285	218.5	74	—	46.9	99	230	265	5	—	—	35.9
160	320	95	5	1820.00	5750.00	750	1000	29432EX	283.8	222	62.5	85.7	45	99	230	265	4.0	174.5	181.0	33.4
170	240	42	1.5	390.00	1700.00	—	1900	29234E	233	198	15	40	20	92	201	218	1.5	—	—	6.00
170	240	42	1.5	439	1760	—	1600	29234EM	225	199.0	32	—	20	92	201	218	1.5	—	—	5.54
170	280	67	3	900.00	3550.00	—	1400	29334E	270	216	23	64	32	96	220	245	2.5	—	—	16.3
170	280	67	3	1044	3644	800	1000	29334EM	255	214.5	51	—	32.9	96	220	245	3	—	—	16.3
170	340	103	5	1670.00	5900.00	—	950	29434E	324	243	37	99	50	104	245	285	4.0	—	—	44.0
170	340	103	5	2062	6585	630	850	29434EM	305	233.0	79.5	—	50.8	104	245	285	5	—	—	44
180	250	42	1.5	420.00	1900.00	—	1900	29236E	243	208	15	40	21	95	211	228	1.5	—	—	6.30
180	250	42	1.5	420	2010	750	1300	29236EM	236	208.0	32	—	22	96	211	228	1.5	—	—	7.05
180	300	73	3	1020.00	3950.00	—	1300	29336E	290	232	25	69	35	103	235	260	2.5	—	—	20.7
180	300	73	3	1244	4387	—	1000	29336EM	275	227.5	55.2	—	35.8	103	235	260	3	—	—	20.7
180	360	109	5	1950.00	7000.00	—	860	29436E	342	255	39	105	52	110	260	300	4.0	—	—	52.2
180	360	109	5	2275	7317	1760	5500	29436EM	320	247.5	84.5	—	52.5	110	260	300	5	—	—	52.2
190	270	48	2	540.00	2300.00	—	1800	29238E	262	223	15	45	24	104	225	245	2.0	—	—	8.50
190	270	48	2	518	2460	—	1300	29238EM	255	220.0	36	—	25.4	102	225	245	2	—	—	7.95
190	320	78	4	1170.00	4550.00	—	1100	29338E	308	246	27	74	38	110	250	275	3.0	—	—	25.5
190	320	78	4	1398	4955	580	760	29338EM	295	240.0	59.5	—	39.2	110	250	275	4	—	—	25.5
190	380	115	5	2120.00	7750.00	—	800	29438E	360	271	41	111	55	117	275	320	4.0	—	—	61.4
190	380	115	5	2527	8205	750	800	29438EM	340	260.5	88	—	56.3	117	275	320	5	—	—	61.4
200	280	48	2	550.00	2410.00	—	1800	29240E	271	236	15	45	24	108	235	255	2.0	—	—	9.08
200	280	48	2	546	2518	—	1300	29240EM	263	230.0	39	—	24	108	235	255	2	—	—	9.08



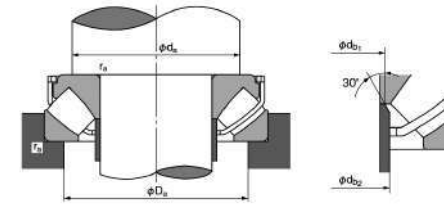
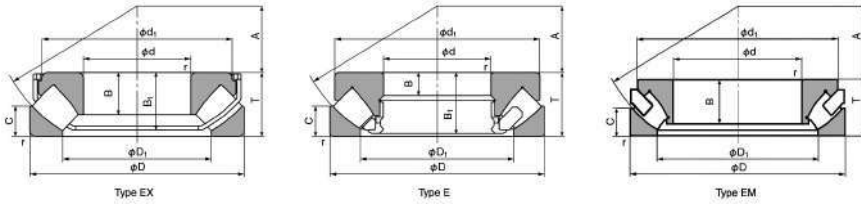
Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(kN)		(rpm)			(mm)						(mm)			(mm)		
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
200	340	85	4	1350.00	5250.00	—	1000	29340E	325	261	29	81	41	116	265	295	3.0	—	—	32.0
200	340	85	4	1582	5566	650	800	29340EM	310	253.5	64	—	42.7	116	265	295	4	—	—	32
200	400	122	5	2350.00	8450.00	—	740	29440E	380	286	43	117	59	122	290	335	4.0	—	—	73.0
200	400	122	5	2785	9070	550	760	29440EM	360	275.0	93.5	—	59	122	290	335	5	—	—	73
220	300	48	2	595.00	2750.00	—	1600	29244E	292	254	15	45	24	117	260	275	2.0	—	—	9.84
220	300	48	2	694	2974	—	1200	29244EM	285	249.5	36	—	25.4	117	260	275	2	—	—	9.84
220	360	85	4	1410.00	5750.00	—	1000	29344E	345	280	29	81	41	125	285	315	3.0	—	—	34.5
220	360	85	4	1608	5822	650	800	29344EM	330	275.0	64	—	42.6	125	285	315	4	—	—	34.5
220	420	122	6	2410.00	8950.00	—	720	29444E	400	308	43	117	58	132	310	355	5.0	—	—	74.2
220	420	122	6	2870	9634	500	680	29444EM	360	275.0	93.5	—	59	122	310	355	6	—	—	74.2
240	340	60	2.1	890.00	4000.00	—	1300	29248E	330	283	19	57	30	130	285	305	2.0	—	—	17.1
240	340	60	2.1	977	4077	—	1000	29248EM	320	278.0	44	—	31.7	130	285	305	2.1	—	—	17.1
240	380	85	4	1410.00	5850.00	—	980	29348E	365	300	29	81	41	135	300	330	3.0	—	—	36.3
240	380	85	4	1700	6412	630	800	29348EM	350	297.0	64	—	42.1	135	300	330	4	—	—	36.3
240	440	122	6	2480.00	9450.00	—	720	29448E	420	326	43	117	59	142	330	375	5.0	—	—	83.0
240	440	122	6	2978	10298	500	630	29448EM	400	316.0	93.5	—	60.1	142	330	375	6	—	—	83
260	360	60	2.1	915.00	4250.00	—	1300	29252E	350	302	19	57	30	139	305	325	2.0	—	—	18.5
260	360	60	2.1	1050	4598	—	1000	29252EM	340	300.5	45.5	—	30.4	139	305	325	2.1	—	—	18.5
260	420	95	5	1810.00	7500.00	—	860	29352E	405	329	32	91	45	148	330	365	4.0	—	—	51.5
260	420	95	5	2110	8050	550	710	29352EM	385	323.0	71.8	—	48.2	148	330	365	5	—	—	51.5
260	480	132	6	2940.00	11600.00	—	640	29452E	460	357	48	127	64	154	360	405	5.0	—	—	106
260	480	132	6	3200	12375	450	630	29452EM	435	342.5	102	—	64.8	154	360	405	6	—	—	106
280	380	60	2.1	935.00	4500.00	—	1200	29256E	370	323	19	57	30	150	325	345	2.0	—	—	19.5
280	380	60	2.1	1050	4598	—	900	29256EM	360	321.0	45	—	31	150	325	345	2.1	—	—	19.5
280	440	95	5	1850.00	7950.00	—	840	29356E	423	348	32	91	46	158	350	390	4.0	—	—	54.0
280	440	95	5	2220	8767	550	710	29356EM	405	343.0	71.8	—	48	158	350	390	5	—	—	54
280	520	145	6	3450.00	13500.00	—	580	29456E	495	387	52	140	68	166	390	440	5.0	—	—	137
280	520	145	6	4131	14645	430	560	29456EM	470	370.5	110	—	72.4	166	390	440	6	—	—	137
300	420	73	3	1220.00	5850.00	—	1000	29260E	405	353	21	69	38	162	355	380	2.5	—	—	31.0
300	420	73	3	1466	6488	—	710	29260EM	395	348.0	54.5	—	36.4	162	355	380	3	—	—	31



Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(kN)		(rpm)			(mm)						(mm)			(mm)		
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
300	480	109	5	2310.00	10000.00	—	720	29360E	460	379	37	105	50	168	380	420	4.0	—	—	75.4
300	480	109	5	2682	10400	500	700	29360EM	440	370.5	81	—	55.9	168	380	420	5	—	—	69.6
300	540	145	6	3650.00	14800.00	—	540	29460E	515	402	52	140	70	175	410	460	5.0	—	—	146
300	540	145	6	4250	15449	400	500	29460EM	490	392.0	110	—	72.4	175	410	460	6	—	—	146
320	440	73	3	1270.00	6150.00	—	980	29264E	430	372	21	69	38	172	375	400	2.5	—	—	32.8
320	440	73	3	1521	6893	—	630	29264EM	415	368.5	54	—	37.4	172	375	400	3	—	—	32.8
320	500	109	5	2370.00	10600.00	—	720	29364E	482	399	37	105	53	180	400	440	4.0	—	—	80.0
320	500	109	5	2833	11360	450	560	29364EM	465	391.5	81	—	55.2	180	400	440	5	—	—	80
320	580	155	7.5	4050.00	16800.00	—	480	29464E	555	435	55	149	75	191	435	495	6.0	—	—	179
320	580	155	7.5	4917	18167	380	500	29464EM	525	417.5	118.5	—	76.7	191	435	495	7.5	—	—	179
340	460	73	3	1290.00	6350.00	—	950	29268E	445	395	21	69	37	183	395	420	2.5	—	—	34.5
340	460	73	3	1570	7304	—	630	29268EM	435	389.0	54.5	—	36.5	183	395	420	3	—	—	34.5
340	540	122	5	2850.00	12400.00	—	630	29368E	520	428	41	117	59	192	430	470	4.0	—	—	106
340	540	122	5	3373	13425	400	500	29368EM	500	419.5	90.5	—	60.6	192	430	470	5	—	—	106
340	620	170	7.5	4750.00	19300.00	—	430	29468E	590	462	61	164	82	201	465	530	6.0	—	—	228
340	620	170	7.5	5504	20070	340	450	29468EM	560	446.0	128	—	84.5	201	465	530	7.5	—	—	228
360	500	85	4	1650.00	8050.00	—	830	29272E	485	423	25	81	44	194	420	455	3.0	—	—	50.4
360	500	85	4	1989	9084	—	560	29272EM	475	417.0	63	—	42.7	194	420	455	4	—	—	50.4
360	560	122	5	2900.00	12900.00	—	600	29372E	540	448	41	117	59	202	450	495	4.0	—	—	111
360	560	122	5	3442	13990	—	500	29372EM	520	440.0	91	—	60.8	202	450	495	5	—	—	140
360	640	170	7.5	4900.00	20500.00	—	410	29472E	610	480	61	164	82	210	485	550	6.0	—	—	234
360	640	170	7.5	5682	21212	—	450	29472EM	580	467.5	129	—	83.1	210	485	550	7.5	—	—	234
380	520	85	4	1780.00	8800.00	—	800	29276E	505	441	27	81	42	202	440	475	3.0	—	—	52.8
380	520	85	4	2002	9307	—	560	29276EM	490	437.5	65	—	43.1	202	440	475	4	—	—	52.8
380	600	132	6	3400.00	15300.00	—	540	29376E	580	477	44	127	63	216	480	525	5.0	—	—	140
380	600	132	6	3962	16164	—	500	29376EM	555	466.0	98.5	—	66.9	216	480	525	6	—	—	140
380	670	175	7.5	5200.00	22000.00	—	400	29476E	640	504	63	168	85	230	510	575	6.0	—	—	263
380	670	175	7.5	6025	22737	—	430	29476EM	610	490.5	130	—	85.9	230	510	575	7.5	—	—	263
400	540	85	4	1840.00	9250.00	—	800	29280E	526	460	27	81	42	212	460	490	3.0	—	—	55.1
400	540	85	4	2065	9839	—	700	29280EM	510	457.5	63.3	—	42.6	212	460	490	4	—	—	55.1



Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(kN)		(rpm)			(mm)						(mm)			(mm)		
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
400	620	132	6	3550.00	16300.00	—	530	29380E	596	494	44	127	64	225	500	550	5.0	—	—	146
400	620	132	6	4040	16810	—	450	29380EM	575	487.5	98	—	66.9	225	500	550	6	—	—	146
400	710	185	7.5	5850.00	25000.00	—	360	29480E	680	534	67	178	89	236	540	610	6.0	—	—	314
400	710	185	7.5	6757	25820	—	380	29480EM	645	517.5	140	—	94	236	540	610	7.5	—	—	314
420	580	95	5	2260.00	11300.00	—	700	29284E	564	489	30	91	46	225	490	525	4.0	—	—	74.9
420	580	95	5	2536	12067	—	560	29284EM	550	483.5	72	—	49.7	225	490	525	5	—	—	74.9
420	650	140	6	3900.00	17900.00	—	480	29384E	626	520	48	135	68	235	525	575	5.0	—	—	170
420	650	140	6	4434	18466	—	420	29384EM	600	512.5	103.5	—	70.7	235	525	575	6	—	—	170
420	730	185	7.5	6050.00	26000.00	—	360	29484E	700	556	67	178	89	244	560	630	6.0	—	—	325
420	730	185	7.5	6969	27200	—	370	29484EM	665	538.0	142	—	92.1	244	560	630	7.5	—	—	325
440	600	95	5	2290.00	11800.00	—	660	29288E	585	508	30	91	49	235	510	545	4.0	—	—	79.0
440	600	95	5	2618	12747	—	560	29288EM	570	503.5	72	—	49.6	235	510	545	5	—	—	79
440	680	145	6	4050.00	19000.00	—	450	29388E	655	548	49	140	70	245	550	600	5.0	—	—	192
440	680	145	6	4757	20018	—	400	29388EM	630	536.5	108	—	73.7	245	550	600	6	—	—	192
440	780	206	9.5	6950.00	30000.00	—	300	29488E	745	588	74	199	100	260	595	670	8.0	—	—	421
440	780	206	9.5	8073	31032	—	350	29488EM	710	570.0	152	—	105	260	595	670	9.5	—	—	421
460	620	95	5	2290.00	11900.00	—	660	29292E	605	530	30	91	46	245	530	570	4.0	—	—	80.9
460	620	95	5	2644	13085	—	500	29292EM	590	524.5	72	—	49.4	245	530	570	5	—	—	80.9
460	710	150	6	4600.00	21700.00	—	430	29392E	685	567	51	144	72	257	575	630	5.0	—	—	216
460	710	150	6	5205	22264	—	400	29392EM	660	558.5	112	—	76.6	257	575	630	6	—	—	216
460	800	206	9.5	7150.00	31500.00	—	290	29492E	765	608	74	199	100	272	615	690	8.0	—	—	435
460	800	206	9.5	8325	32668	—	350	29492EM	730	592.5	149	—	107	272	615	690	9.5	—	—	435
480	650	103	5	2530.00	13200.00	—	600	29296E	635	556	33	99	55	259	555	595	4.0	—	—	97.5
480	650	103	5	2982	14620	—	480	29296EM	620	549.0	76.5	—	52.1	259	555	595	5	—	—	98
480	730	150	6	4630.00	21900.00	—	410	29396E	705	590	51	144	72	270	595	650	5.0	—	—	224
480	730	150	6	5214	22550	—	400	29396EM	675	579.5	112	—	76	270	595	650	6	—	—	224
480	850	224	9.5	8250.00	36000.00	—	260	29496E	810	638	81	216	108	280	645	730	8.0	—	—	543
480	850	224	9.5	9419	36691	—	320	29496EM	770	623.0	166.5	—	111.8	280	645	730	9.5	—	—	534.2
500	670	103	5	2590.00	13800.00	—	600	292/500E	654	574	33	99	55	268	575	615	4.0	—	—	101
500	670	103	5	3012	14987	—	450	292/500EM	640	569.5	76.5	—	52	268	575	615	5	—	—	101



Boundary Dimensions				Basic Load Rating		Limiting Speed		Bearing Designation	Dimensions						Abutment and fillet Dimensions			Spacer Dimensions		Mass Approx (kg)
(mm)				(KN)		(rpm)			(mm)						(mm)					
d	D	T	r (min)	C _r	C _{or}	Grease	Oil		d ₁	D ₁	B	B ₁	C	A	d _a (min)	D _a (max)	r _a (max)	d _{b1} (max)	d _{b2} (max)	
500	750	150	6	4700.00	22600.00	—	410	293/500E	725	611	51	144	74	280	615	670	5.0	—	—	231
500	750	150	6	5322	23422	—	360	293/500EM	700	600.0	112	—	76.2	280	615	670	6	—	—	231
500	870	224	9.5	8250.00	35000.00	—	250	294/500E	830	661	81	216	107	290	670	750	8.0	—	—	559
500	870	224	9.5	9520	40000	—	320	294/500EM	790	643.0	170	—	109.1	290	670	750	9.5	—	—	559
530	710	109	5	2620.00	15100.00	—	540	292/530E	692	612	35	105	57	268	615	653	4.0	—	—	106
530	710	109	5	3356	16859	—	400	292/530EM	675	603.0	81	—	55.2	288	615	653	5	—	—	108
530	800	160	7.5	6057	26973	—	320	293/530EM	745	639.5	119.5	—	81	295	—	—	7.5	—	—	270
530	920	236	9.5	10703	42908	—	300	294/530EM	840	682.0	177	—	118.5	309	—	—	9.5	—	—	650