

Leading manufacturer and expert in Slew Ring Bearing



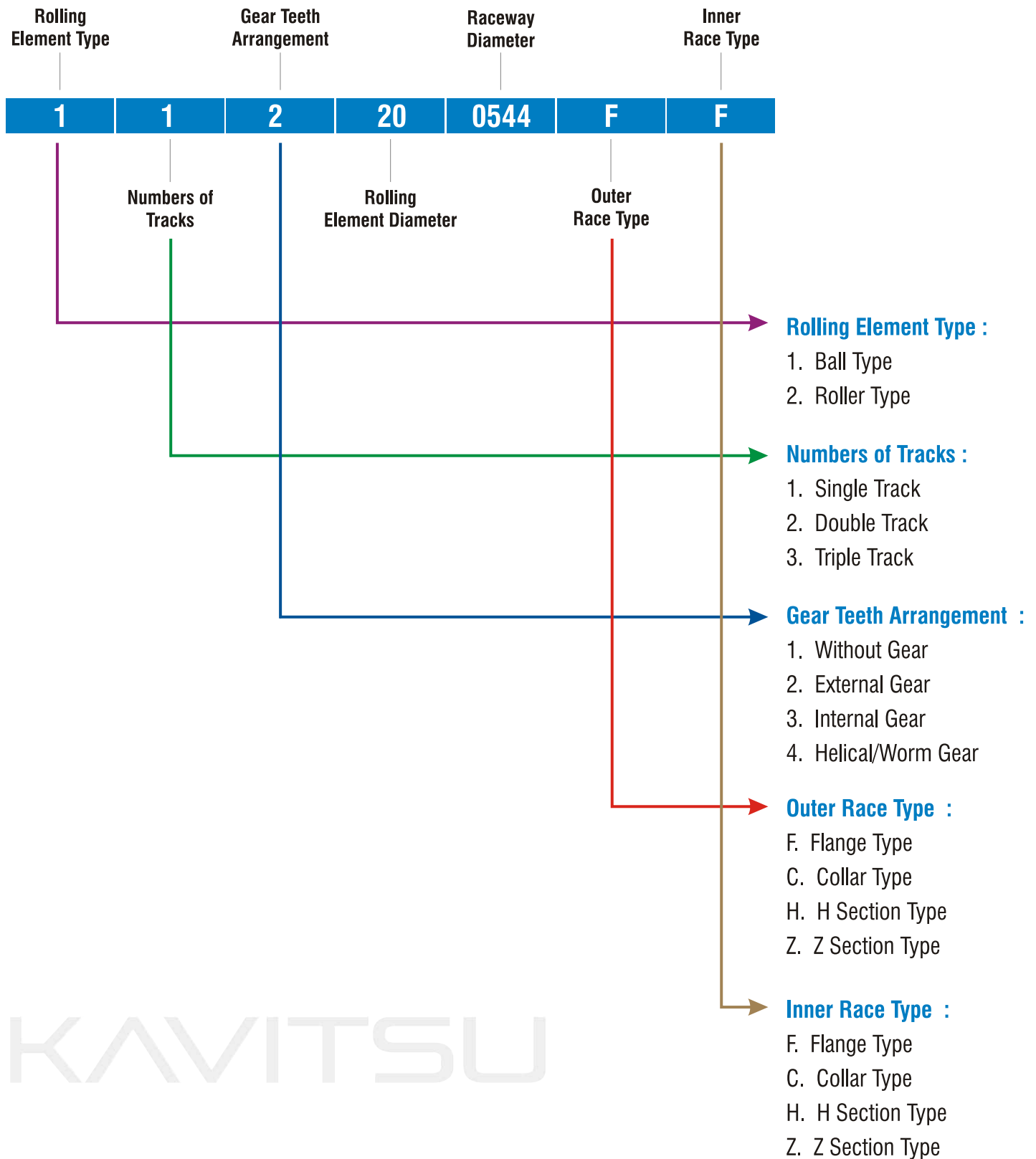
An ISO 9001-2015 Certified Company

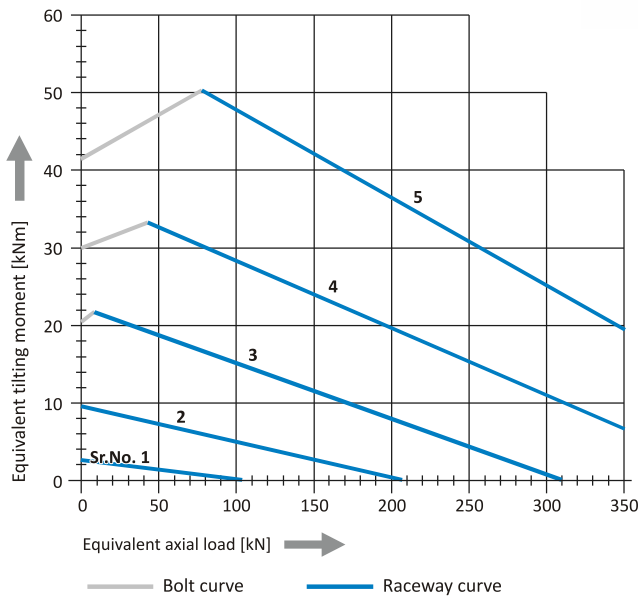
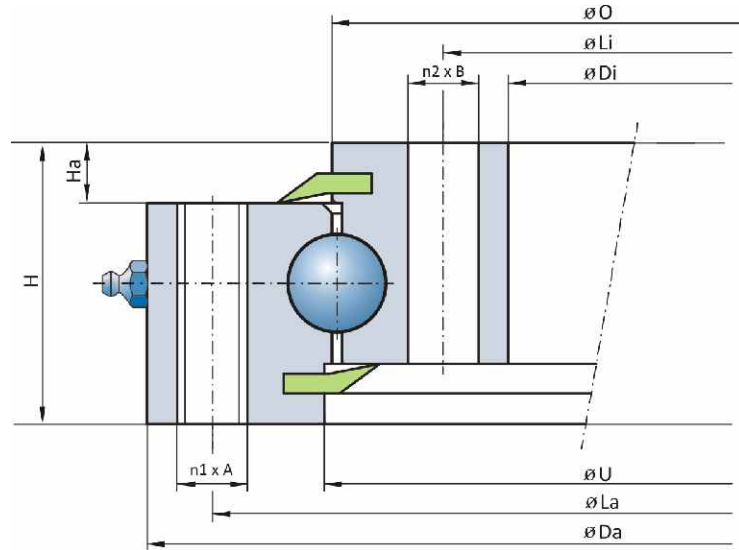
KAVITSU



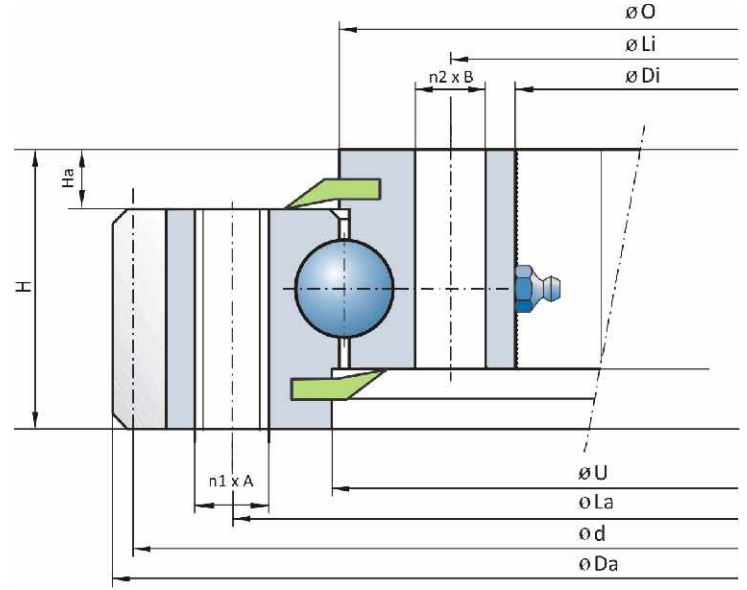
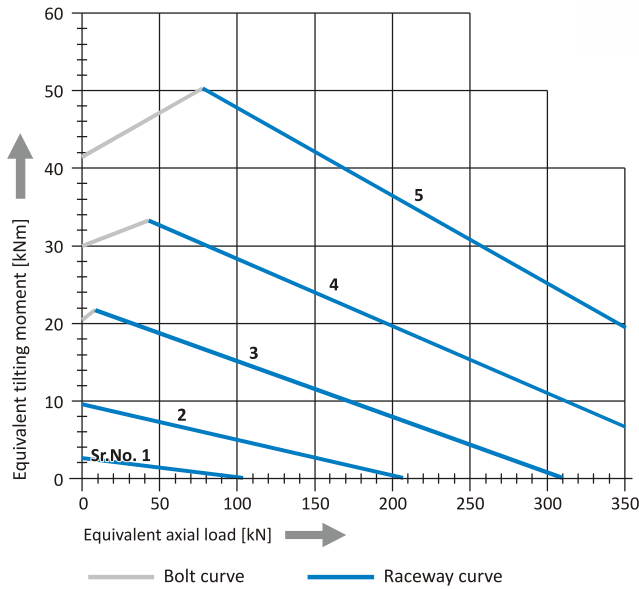
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Nomenclature of Slew Bearing

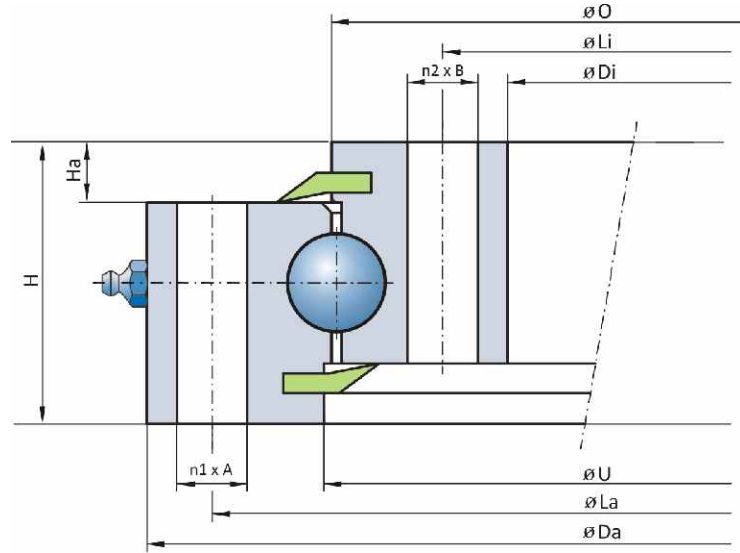
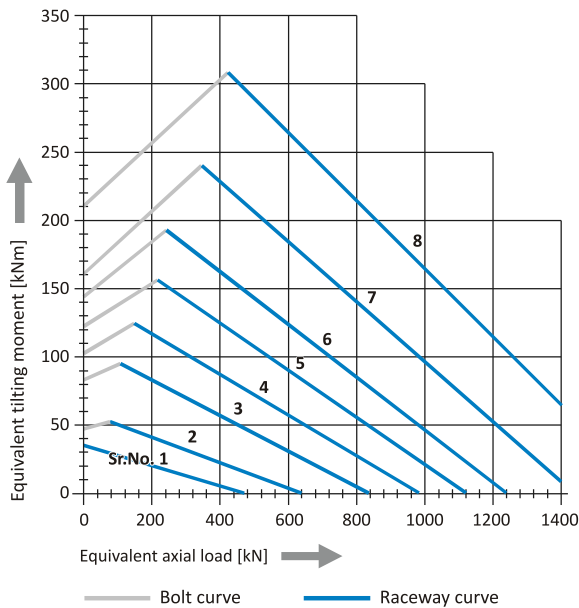




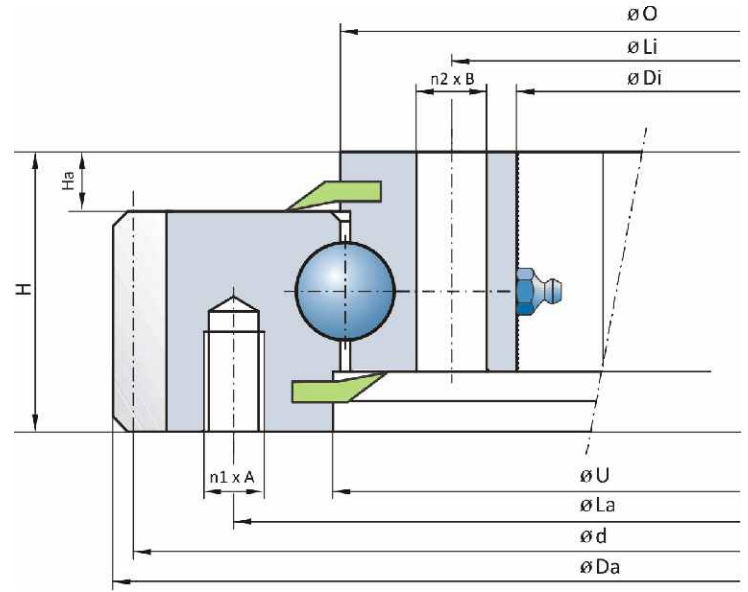
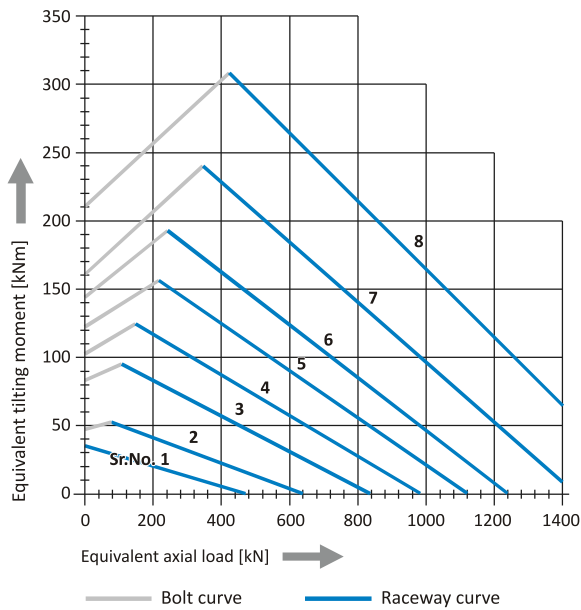
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-16-0100-FF	180	40	35	140	60	6	M 10	6	Ø11	98.5	101.5	5	-	-	-	-	-	53	107	73	65	5
2.	111-16-0200-FF	280	140	35	240	160	12	M 10	12	Ø11	198.5	201.5	5	-	-	-	-	-	103	211	101	89	10
3.	111-16-0300-FF	380	240	35	340	260	20	M 10	20	Ø11	298.5	301.5	5	-	-	-	-	-	154	314	119	105	14
4.	111-16-0400-FF	480	340	35	440	360	24	M 10	24	Ø11	398.5	401.5	5	-	-	-	-	-	205	418	132	116	19
5.	111-16-0500-FF	580	440	35	540	460	28	M 10	28	Ø11	498.5	501.5	5	-	-	-	-	-	255	521	144	126	24



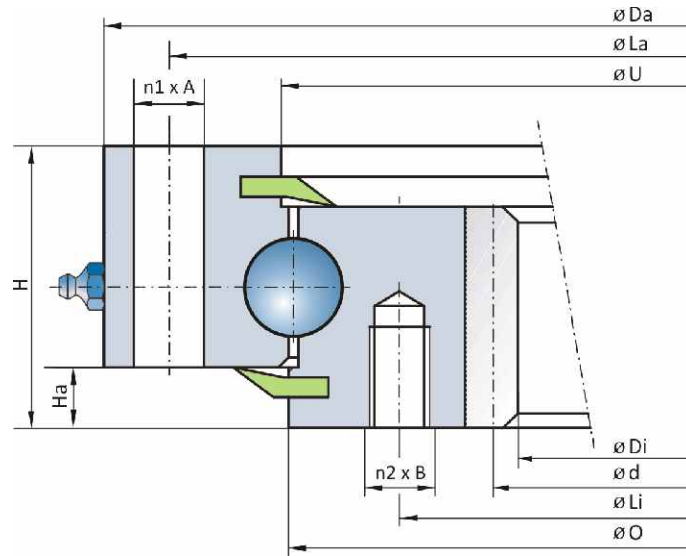
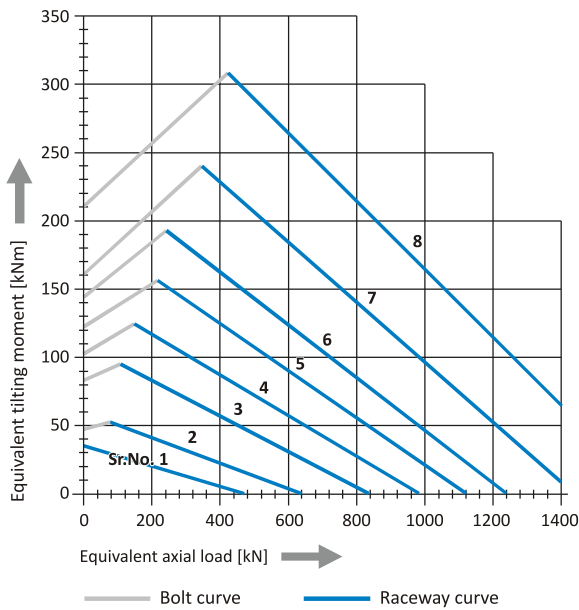
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-16-0100-FF	180	40	35	140	60	6	M 10	6	Ø11	98.5	101.5	5	172	4	43	10.0	17.0	53	107	73	65	5
2.	112-16-0200-FF	280	140	35	240	160	12	M 10	12	Ø11	198.5	201.5	5	272	4	68	10.2	18.0	103	211	101	89	9
3.	112-16-0300-FF	380	240	35	340	260	20	M 10	20	Ø11	298.5	301.5	5	372	4	93	10.2	18.8	154	314	119	105	14
4.	112-16-0400-FF	480	340	35	440	360	24	M 10	24	Ø11	398.5	401.5	5	472	4	118	10.4	19.0	205	418	132	116	18
5.	112-16-0500-FF	580	440	35	540	460	28	M 10	28	Ø11	498.5	501.5	5	572	4	143	10.4	19.5	255	521	144	126	22



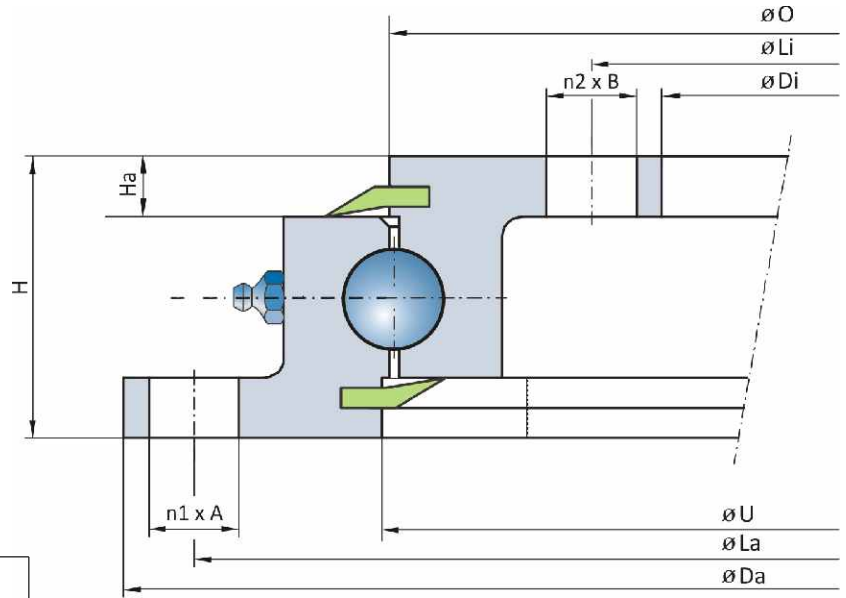
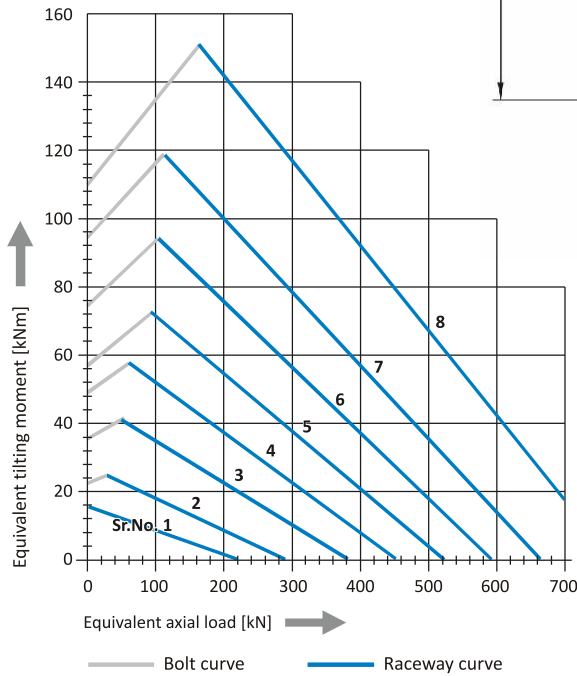
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-20-0314-FF	386	242	56	360	268	20	Ø14	20	Ø14	312.5	315.5	10.5	-	-	-	-	-	195	452	143	144	23
2.	111-20-0414-FF	486	342	56	460	368	24	Ø14	24	Ø14	412.5	415.5	10.5	-	-	-	-	-	257	596	159	160	31
3.	111-20-0544-FF	616	472	56	590	498	32	Ø14	32	Ø14	542.5	545.5	10.5	-	-	-	-	-	337	784	176	178	39
4.	111-20-0644-FF	716	572	56	690	598	36	Ø14	36	Ø14	642.5	645.5	10.5	-	-	-	-	-	398	928	187	189	46
5.	111-20-0744-FF	816	672	56	790	698	40	Ø14	40	Ø14	742.5	745.5	10.5	-	-	-	-	-	460	1072	197	199	54
6.	111-20-0844-FF	916	772	56	890	798	40	Ø14	40	Ø14	842.5	845.5	10.5	-	-	-	-	-	522	1216	207	209	61
7.	111-20-0944-FF	1016	872	56	990	898	44	Ø14	44	Ø14	942.5	945.5	10.5	-	-	-	-	-	583	1360	216	218	68
8.	111-20-1094-FF	1166	1022	56	1140	1048	48	Ø14	48	Ø14	1092.5	1095.5	10.5	-	-	-	-	-	676	1576	227	229	79



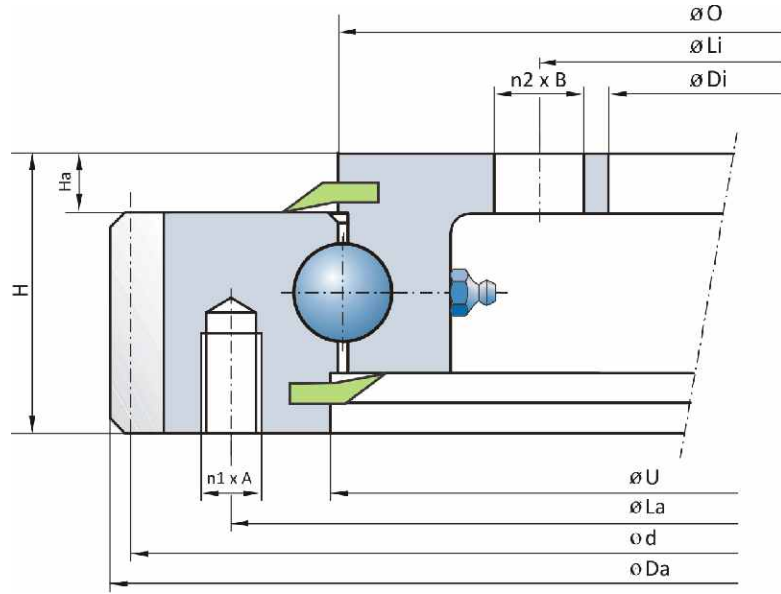
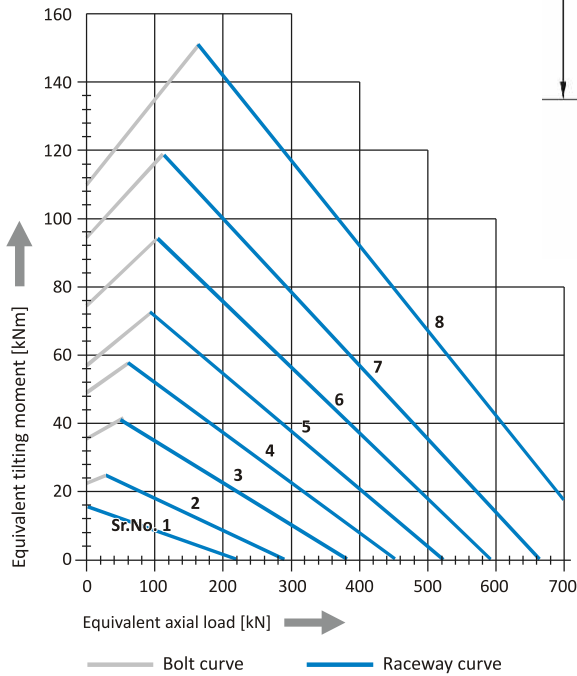
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-20-0314-FF	404.0	242	56	355	268	20	M 12	20	Ø14	312.5	315.5	10.5	395	5	79	13.8	25.5	195	452	143	144	25
2.	112-20-0414-FF	504.0	342	56	455	368	20	M 12	24	Ø14	412.5	415.5	10.5	495	5	99	13.8	25.5	257	596	159	160	34
3.	112-20-0544-FF	640.8	472	56	585	498	28	M 12	32	Ø14	542.5	545.5	10.5	630	6	105	19.5	34.7	337	784	176	178	45
4.	112-20-0644-FF	742.8	572	56	685	598	32	M 12	36	Ø14	642.5	645.5	10.5	732	6	122	19.5	34.7	398	928	187	189	54
5.	112-20-0744-FF	838.8	672	56	785	698	36	M 12	40	Ø14	742.5	745.5	10.5	828	6	138	19.5	34.7	460	1072	197	199	60
6.	112-20-0844-FF	950.4	772	56	885	798	36	M 12	40	Ø14	842.5	845.5	10.5	936	8	117	29.9	52.3	522	1216	207	209	73
7.	112-20-0944-FF	1046.4	872	56	985	898	40	M 12	44	Ø14	942.5	945.5	10.5	1032	8	129	29.9	52.3	583	1360	216	218	79
8.	112-20-1094-FF	1198.4	1022	56	1135	1048	44	M 12	48	Ø14	1092.5	1095.5	10.5	1184	8	148	29.9	52.3	676	1576	227	229	92



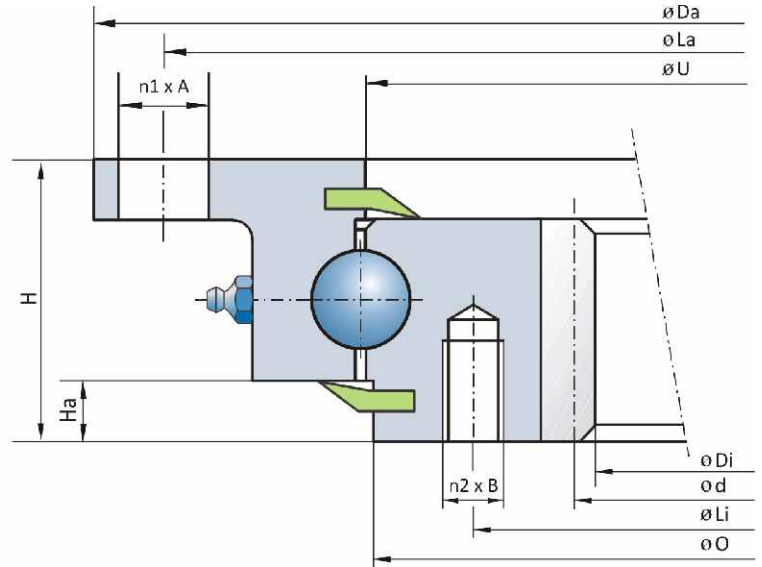
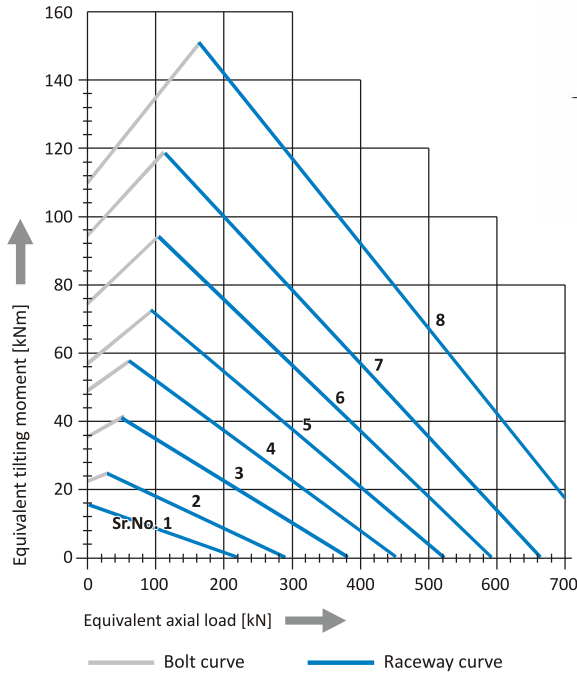
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-20-0314-FF	386	225	56	360	275	20	Ø14	24	M 12	312.5	315.5	10.5	235	5	47	13.9	24.7	195	452	143	144	24
2.	113-20-0414-FF	486	325	56	460	375	24	Ø14	24	M 12	412.5	415.5	10.5	335	5	67	13.9	24.7	257	596	159	160	33
3.	113-20-0544-FF	616	444	56	590	505	32	Ø14	32	M 12	542.5	545.5	10.5	456	6	76	19.5	34.9	337	784	176	178	45
4.	113-20-0644-FF	716	546	56	690	605	36	Ø14	36	M 12	642.5	645.5	10.5	558	6	93	19.5	34.9	398	928	187	189	52
5.	113-20-0744-FF	816	648	56	790	705	40	Ø14	40	M 12	742.5	745.5	10.5	660	6	110	19.5	34.9	460	1072	197	199	59
6.	113-20-0844-FF	916	736	56	890	805	40	Ø14	40	M 12	842.5	845.5	10.5	752	8	94	30.0	52.5	522	1216	207	209	71
7.	113-20-0944-FF	1016	840	56	990	905	44	Ø14	44	M 12	942.5	945.5	10.5	856	8	107	30.0	52.5	583	1360	216	218	77
8.	113-20-1094-FF	1166	984	56	1140	1055	48	Ø14	48	M 12	1092.5	1095.5	10.5	1000	8	125	30.0	52.5	676	1576	227	229	93



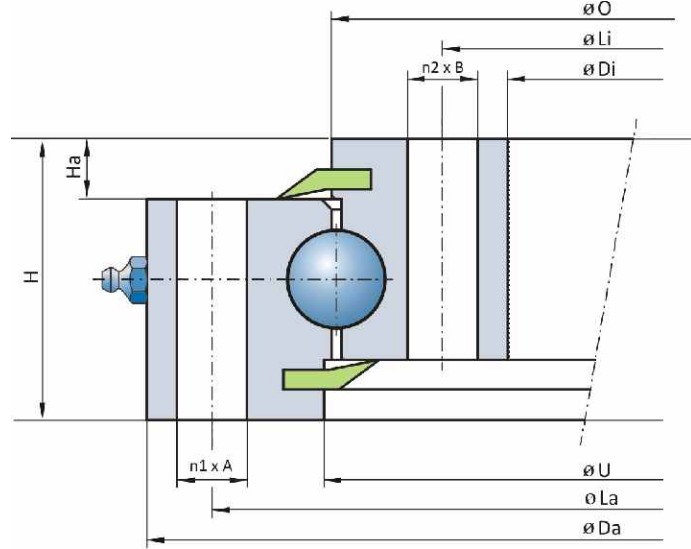
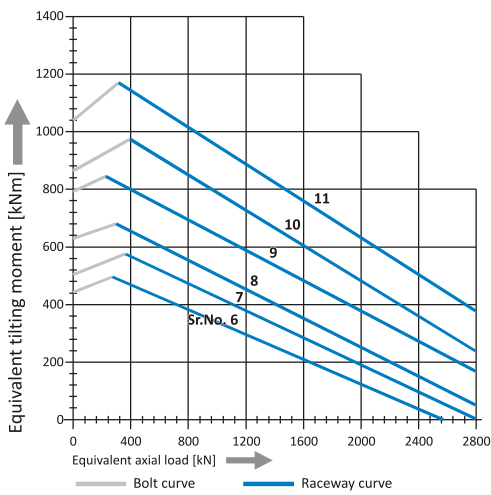
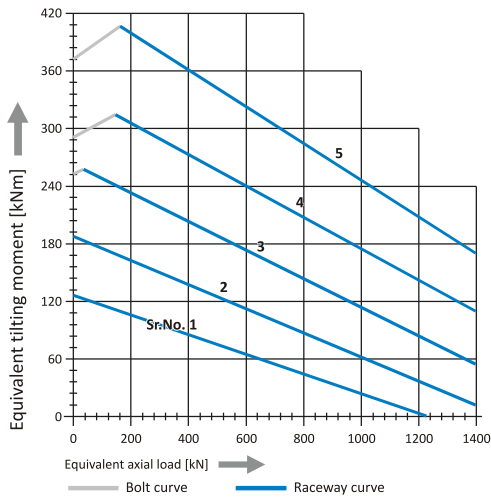
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-20-0314-CC	418	204	56	390	232	8	Ø18	12	Ø18	312.5	315.5	10.5	-	-	-	-	-	92	211	144	144	21
2.	111-20-0414-CC	518	304	56	490	332	8	Ø18	12	Ø18	412.5	415.5	10.5	-	-	-	-	-	121	278	160	160	27
3.	111-20-0544-CC	648	434	56	620	462	10	Ø18	14	Ø18	542.5	545.5	10.5	-	-	-	-	-	158	365	177	178	35
4.	111-20-0644-CC	748	534	56	720	562	12	Ø18	16	Ø18	642.5	645.5	10.5	-	-	-	-	-	187	432	188	189	42
5.	111-20-0744-CC	848	634	56	820	662	12	Ø18	16	Ø18	742.5	745.5	10.5		-	-	-	-	215	499	198	199	48
6.	111-20-0844-CC	948	734	56	920	762	14	Ø18	18	Ø18	842.5	845.5	10.5	-	-	-	-	-	244	566	208	209	54
7.	111-20-0944-CC	1048	834	56	1020	862	16	Ø18	20	Ø18	942.5	945.5	10.5	-	-	-	-	-	272	633	217	218	60
8.	111-20-1094-CC	1198	984	56	1170	1012	16	Ø18	20	Ø18	1092.5	1095.5	10.5	-	-	-	-	-	315	733	228	229	70



SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-20-0314-FC	404.0	204	56	355	232	10	M 12	12	Ø18	312.5	315.5	10.5	395	5	79	13.8	25.5	92	211	144	144	25
2.	112-20-0414-FC	504.0	304	56	455	332	10	M 12	12	Ø18	412.5	415.5	10.5	495	5	99	13.8	25.5	121	278	160	160	32
3.	112-20-0544-FC	640.8	434	56	585	462	14	M 12	14	Ø18	542.5	545.5	10.5	630	6	105	19.5	34.7	158	365	177	178	44
4.	112-20-0644-FC	742.8	534	56	685	562	16	M 12	16	Ø18	642.5	645.5	10.5	732	6	122	19.5	34.7	187	432	188	189	55
5.	112-20-0744-FC	838.8	634	56	785	662	18	M 12	16	Ø18	742.5	745.5	10.5	828	6	138	19.5	34.7	215	499	198	199	58
6.	112-20-0844-FC	950.4	734	56	885	762	18	M 12	18	Ø18	842.5	845.5	10.5	936	8	117	29.9	52.3	244	566	208	209	70
7.	112-20-0944-FC	1046.4	834	56	985	862	20	M 12	20	Ø18	942.5	945.5	10.5	1032	8	129	29.9	52.3	272	633	217	218	77
8.	112-20-1094-FC	1198.4	984	56	1135	1012	22	M 12	20	Ø18	1092.5	1095.5	10.5	1184	8	148	29.9	52.3	315	733	228	229	89



SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-20-0314-CF	418	225	56	390	275	8	Ø18	12	M 12	312.5	315.5	10.5	235	5	47	13.9	24.7	92	211	144	144	23
2.	113-20-0414-CF	518	325	56	490	375	8	Ø18	12	M 12	412.5	415.5	10.5	335	5	67	13.9	24.7	121	278	160	160	30
3.	113-20-0544-CF	648	444	56	620	505	10	Ø18	16	M 12	542.5	545.5	10.5	456	6	76	19.5	34.9	158	365	177	178	41
4.	113-20-0644-CF	748	546	56	720	605	12	Ø18	18	M 12	642.5	645.5	10.5	558	6	93	19.5	34.9	187	432	188	189	48
5.	113-20-0744-CF	848	648	56	820	705	12	Ø18	20	M 12	742.5	745.5	10.5	660	6	110	19.5	34.9	215	499	198	199	54
6.	113-20-0844-CF	948	736	56	920	805	14	Ø18	20	M 12	842.5	845.5	10.5	752	8	94	30.0	52.5	244	566	208	209	65
7.	113-20-0944-CF	1048	840	56	1020	905	16	Ø18	22	M 12	942.5	945.5	10.5	856	8	107	30.0	52.5	272	633	217	218	71
8.	113-20-1094-CF	1198	984	56	1170	1055	16	Ø18	24	M 12	1092.5	1095.5	10.5	1000	8	125	30.0	52.5	315	733	228	229	85

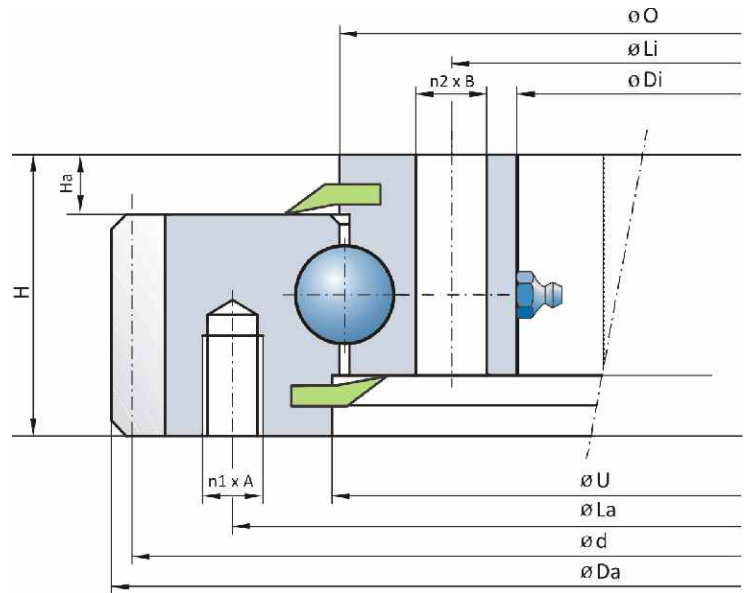
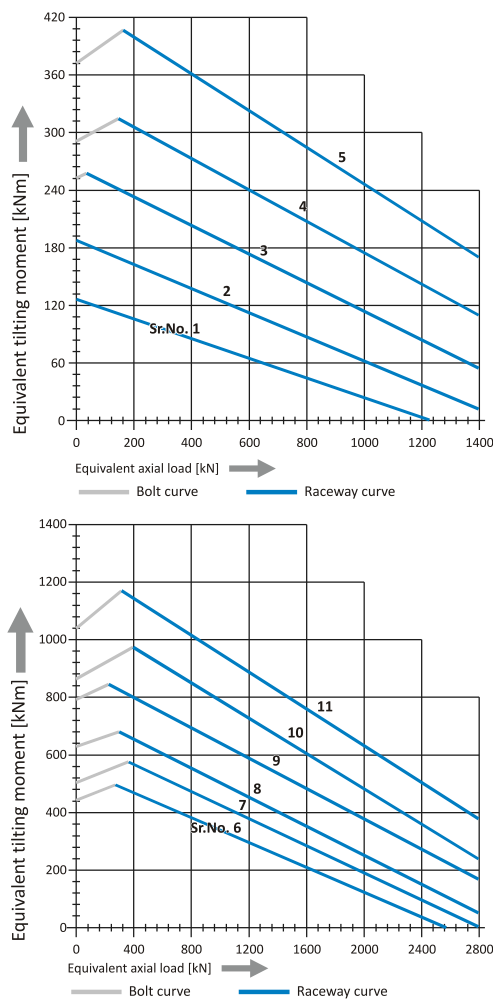


25 Flange
Type Series

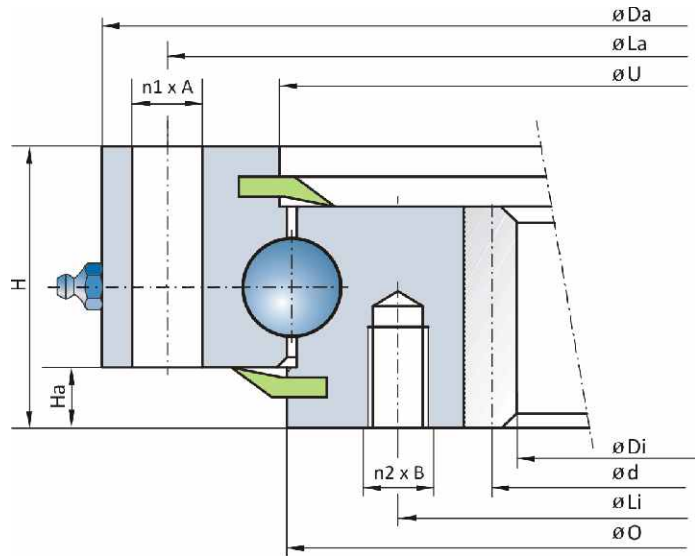
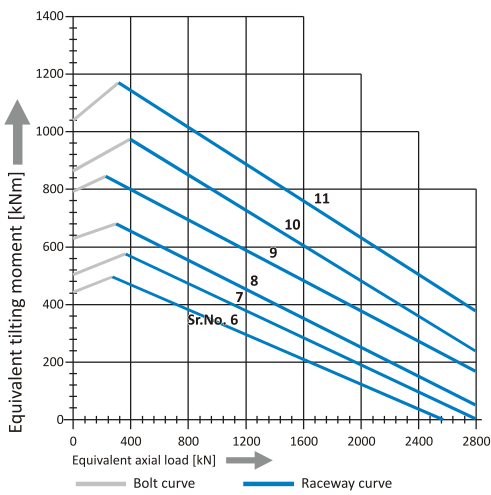
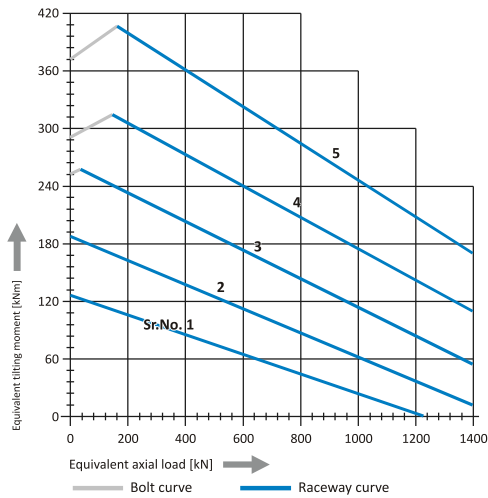
Single Row Ball Type Without Geared Slew Bearing

SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC	DYNAMIC			
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-25-0455-FF	555	355	63	515	395	18	Ø22	18	Ø22	453	457	9	-	-	-	-	-	455	1215	252	293	55
2.	111-25-0555-FF	655	455	63	615	495	20	Ø22	20	Ø22	553	557	9	-	-	-	-	-	555	1482	271	315	67
3.	111-25-0655-FF	755	555	63	715	595	24	Ø22	24	Ø22	653	657	9	-	-	-	-	-	655	1748	287	335	78
4.	111-25-0755-FF	855	655	63	815	695	24	Ø22	24	Ø22	753	757	9	-	-	-	-	-	754	2015	303	353	92
5.	111-25-0855-FF	955	755	63	915	795	28	Ø22	28	Ø22	853	857	9	-	-	-	-	-	854	2282	319	371	103
6.	111-25-0955-FF	1055	855	63	1015	895	30	Ø22	30	Ø22	953	957	9	-	-	-	-	-	954	2548	331	386	117
7.	111-25-1055-FF	1155	955	63	1115	995	30	Ø22	30	Ø22	1053	1057	9	-	-	-	-	-	1053	2815	343	400	130
8.	111-25-1155-FF	1255	1055	63	1215	1095	36	Ø22	36	Ø22	1153	1157	9	-	-	-	-	-	1153	3082	354	413	141
9.	111-25-1255-FF	1355	1155	63	1315	1195	42	Ø22	42	Ø22	1253	1257	9	-	-	-	-	-	1242	3348	367	428	152
10.	111-25-1355-FF	1455	1255	63	1415	1295	42	Ø22	42	Ø22	1353	1357	9	-	-	-	-	-	1352	3615	377	439	165
11.	111-25-1455-FF	1555	1355	63	1515	1395	48	Ø22	48	Ø22	1453	1457	9	-	-	-	-	-	1452	3881	386	451	176

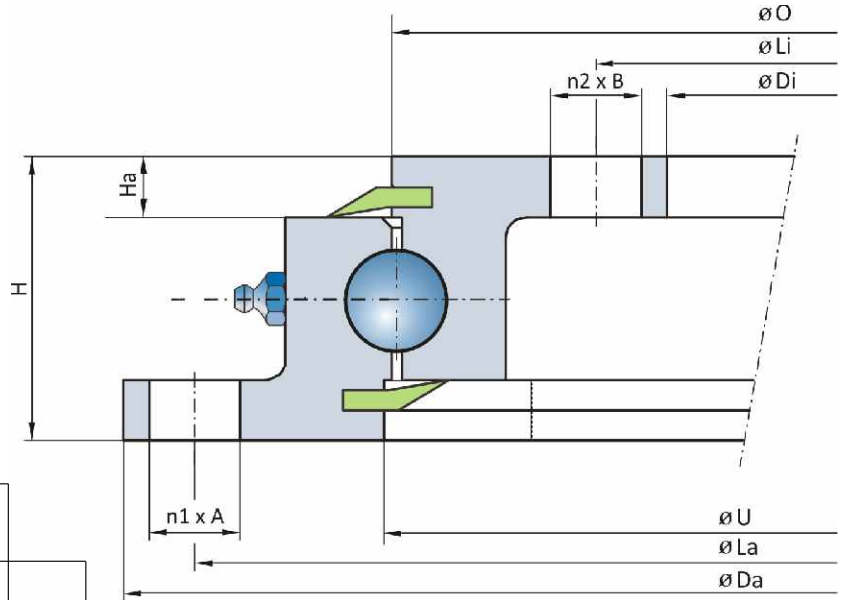
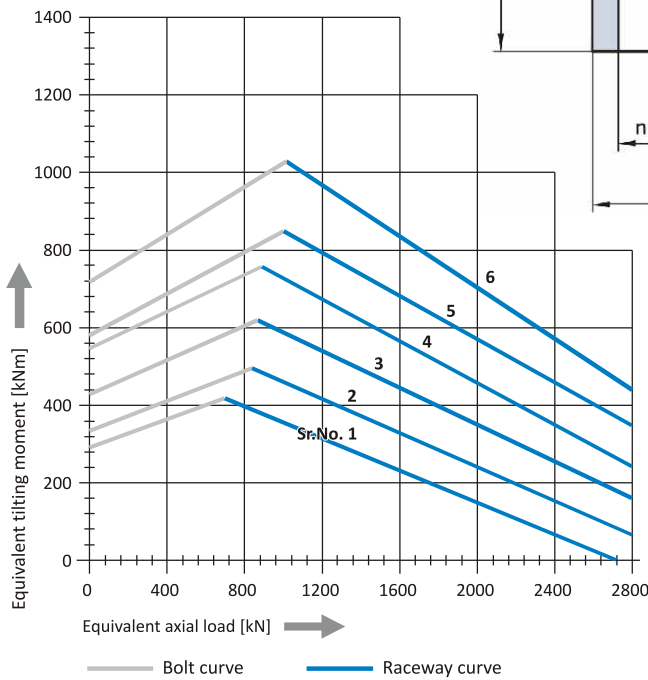
Single Row Ball Type With External Geared Slew Bearing



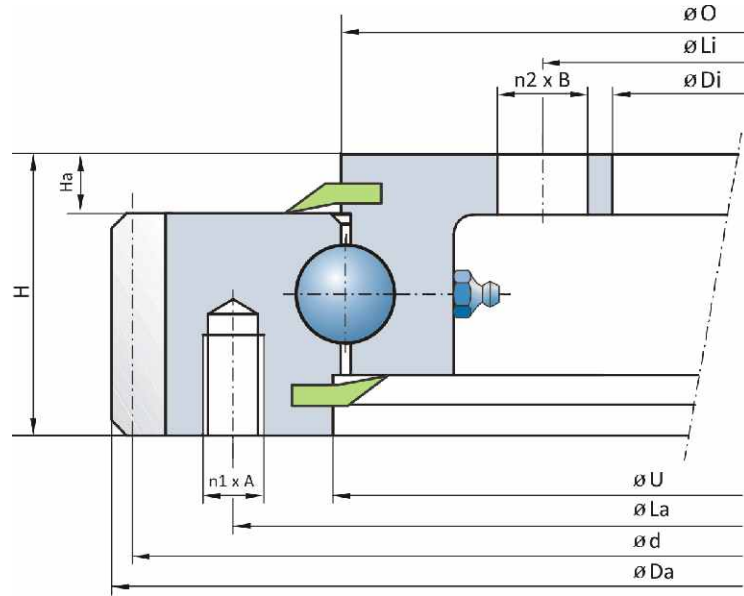
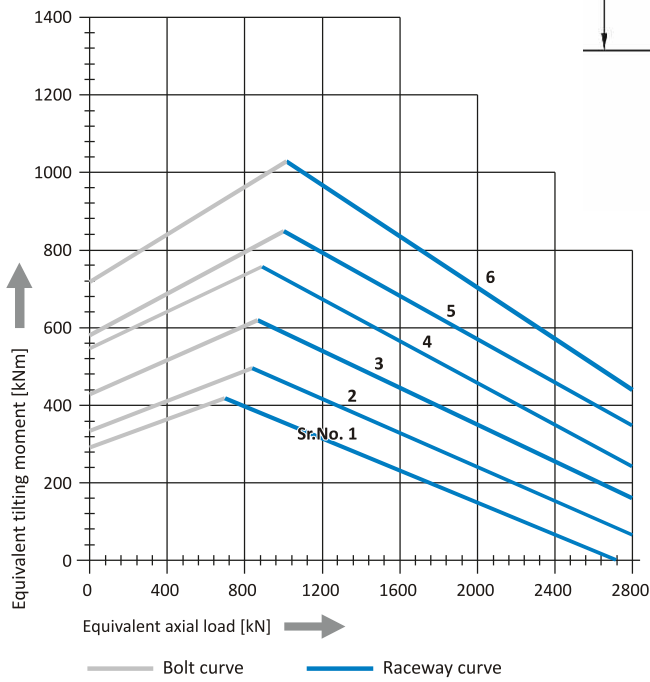
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-25-0455-FF	590.4	355	80	516	395	18	M 20	18	Ø22	453	457	9	576	8	72	29	53	455	1215	252	293	76
2.	112-25-0555-FF	694.4	455	80	616	495	20	M 20	20	Ø22	553	557	9	680	8	85	29	53	555	1482	271	315	95
3.	112-25-0655-FF	798.4	555	80	716	595	24	M 20	24	Ø22	653	657	9	784	8	98	29	53	655	1748	287	335	113
4.	112-25-0755-FF	898	655	80	816	695	24	M 20	24	Ø22	753	757	9	882	9	98	37	66	754	2015	303	353	127
5.	112-25-0855-FF	997	755	80	916	795	28	M 20	28	Ø22	853	857	9	981	9	109	37	66	854	2282	319	371	147
6.	112-25-0955-FF	1096	855	80	1016	895	30	M 20	30	Ø22	953	957	9	1080	9	120	37	66	954	2548	331	386	157
7.	112-25-1055-FF	1198	955	80	1116	995	30	M 20	30	Ø22	1053	1057	9	1180	10	118	44	77	1053	2815	343	400	173
8.	112-25-1155-FF	1298	1055	80	1216	1095	36	M 20	36	Ø22	1153	1157	9	1280	10	128	44	77	1153	3082	354	413	188
9.	112-25-1255-FF	1398	1155	80	1316	1195	42	M 20	42	Ø22	1253	1257	9	1380	10	138	44	77	1242	3348	367	428	203
10.	112-25-1355-FF	1498	1255	80	1416	1295	42	M 20	42	Ø22	1353	1357	9	1480	10	148	44	77	1352	3615	377	439	220
11.	112-25-1455-FF	1598	1355	80	1516	1395	48	M 20	48	Ø22	1453	1457	9	1580	10	158	44	77	1452	3881	386	451	235



SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC	DYNAMIC			
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-25-0455-FF	555	304	80	515	394	18	Ø22	18	M 20	453	457	26	320	8	40	33	65	455	1215	252	293	66
2.	113-25-0555-FF	655	416	80	615	494	20	Ø22	20	M 20	553	557	26	432	8	54	33	65	555	1482	271	315	78
3.	113-25-0655-FF	755	512	80	715	594	24	Ø22	24	M 20	653	657	26	528	8	66	33	65	655	1748	287	335	104
4.	113-25-0755-FF	855	610	80	815	694	24	Ø22	24	M 20	753	757	26	630	10	63	48	87	754	2015	303	353	121
5.	113-25-0855-FF	955	710	80	915	794	28	Ø22	28	M 20	853	857	26	730	10	73	48	87	854	2282	319	371	139
6.	113-25-0955-FF	1055	810	80	1015	894	30	Ø22	30	M 20	953	957	26	830	10	83	48	87	954	2548	331	386	151
7.	113-25-1055-FF	1155	910	80	1115	994	30	Ø22	30	M 20	1053	1057	26	930	10	93	48	87	1053	2815	343	400	167
8.	113-25-1155-FF	1255	1010	80	1215	1094	36	Ø22	36	M 20	1153	1157	26	1030	10	103	48	87	1153	3082	354	413	182
9.	113-25-1255-FF	1355	1110	80	1315	1194	42	Ø22	42	M 20	1253	1257	26	1130	10	113	48	87	1242	3348	367	428	197
10.	113-25-1355-FF	1455	1210	80	1415	1294	42	Ø22	42	M 20	1353	1357	26	1230	10	123	48	87	1352	3615	377	439	214
11.	113-25-1455-FF	1555	1310	80	1515	1394	48	Ø22	48	M 20	1453	1457	26	1330	10	133	48	87	1452	3881	386	451	229

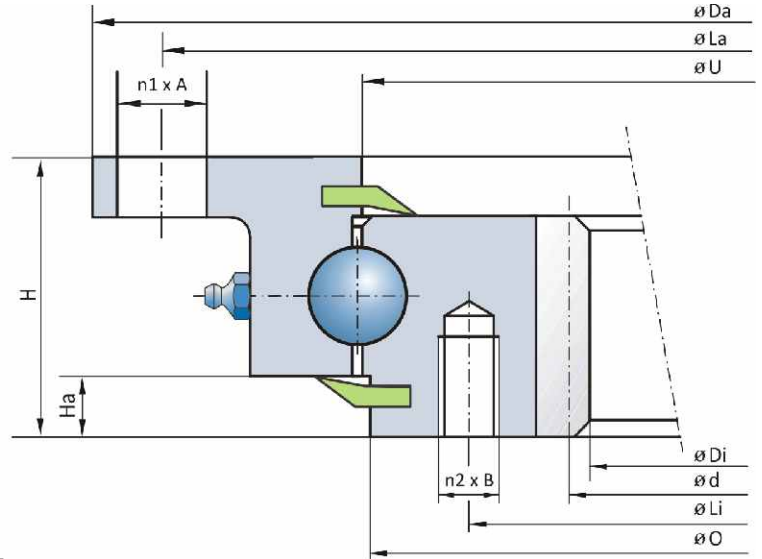
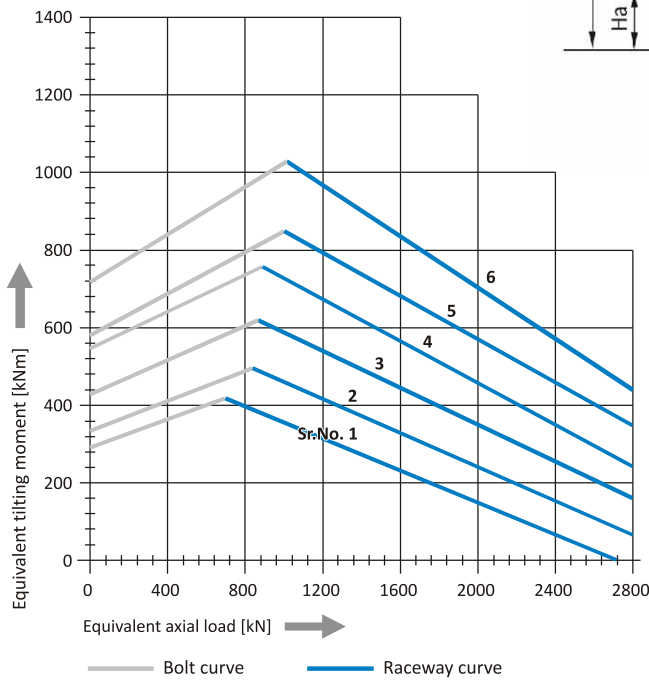


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-31.75-0955-CC	1100	805	90	1060	845	30	22	30	22	953.5	956.5	19	-	-	-	-	-	1029	2754	411	479	131
2.	111-31.75-1055-CC	1200	905	90	1160	945	30	22	30	22	1053.5	1056.5	19	-	-	-	-	-	1137	3043	427	497	145
3.	111-31.75-1155-CC	1300	1005	90	1260	1045	36	22	36	22	1153.5	1156.5	19	-	-	-	-	-	1245	3331	442	514	159
4.	111-31.75-1255-CC	1400	1105	90	1360	1145	42	22	42	22	1253.5	1256.5	19	-	-	-	-	-	1353	3619	456	531	172
5.	111-31.75-1355-CC	1500	1205	90	1460	1245	42	22	42	22	1353.5	1356.5	19	-	-	-	-	-	1460	3908	469	546	186
6.	111-31.75-1455-CC	1600	1305	90	1560	1345	48	22	48	22	1453.5	1456.5	19	-	-	-	-	-	1568	4196	482	561	200

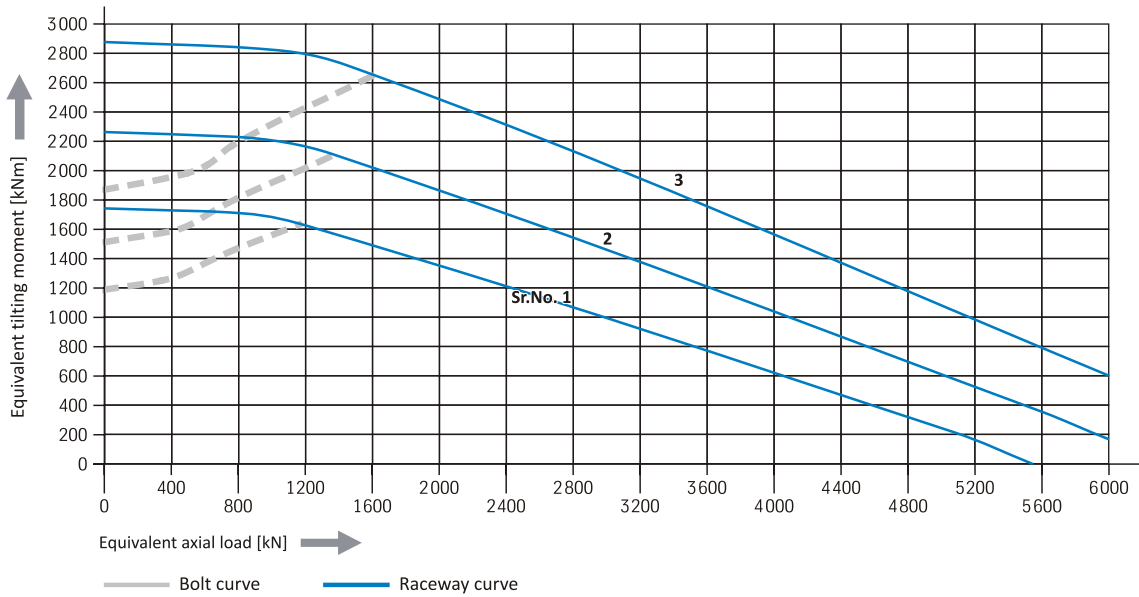
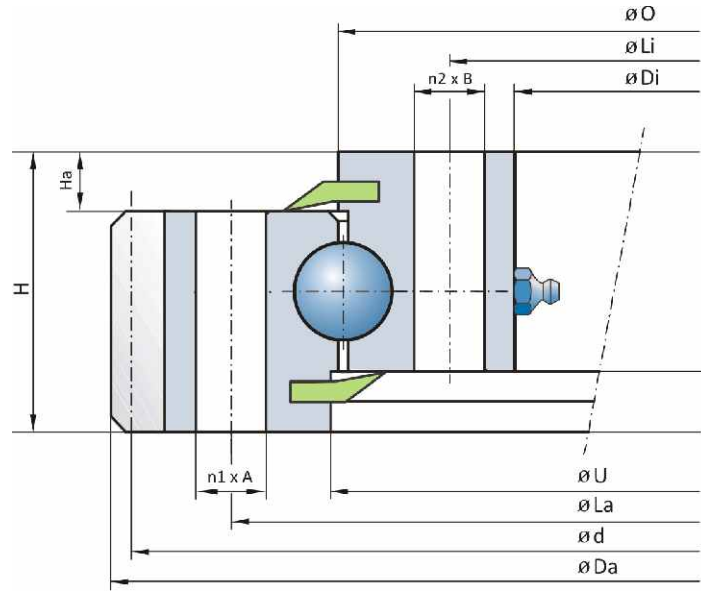


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-31.75-0955-FC	1096.2	805	90	1016	845	30	M 20	30	22	953.5	956.5	19	1080	9	120	33.23	66.46	1029	2754	411	479	131
2.	112-31.75-1055-FC	1198	905	90	1116	945	30	M 20	30	22	1053.5	1056.5	19	1180	10	118	36.92	73.84	1137	3043	427	497	183
3.	112-31.75-1155-FC	1298	1005	90	1216	1045	36	M 20	36	22	1153.5	1156.5	19	1280	10	128	36.92	73.84	1245	3331	442	514	200
4.	112-31.75-1255-FC	1398	1105	90	1316	1145	42	M 20	42	22	1253.5	1256.5	19	1380	10	138	36.92	73.84	1353	3619	456	531	216
5.	112-31.75-1355-FC	1498	1205	90	1416	1245	42	M 20	42	22	1353.5	1356.5	19	1480	10	148	36.92	73.84	1460	3908	469	546	234
6.	112-31.75-1455-FC	1598	1305	90	1516	1345	48	M 20	48	22	1453.5	1456.5	19	1580	10	158	36.92	73.84	1568	4196	482	561	250

Single Row Ball Type Internal Geared Slew Bearing

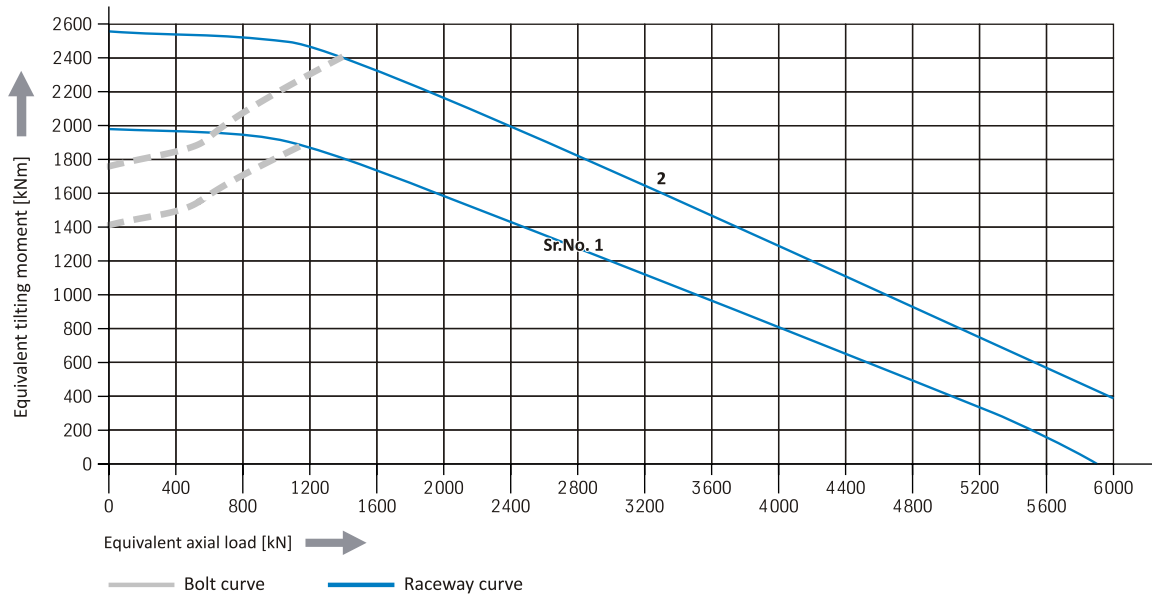
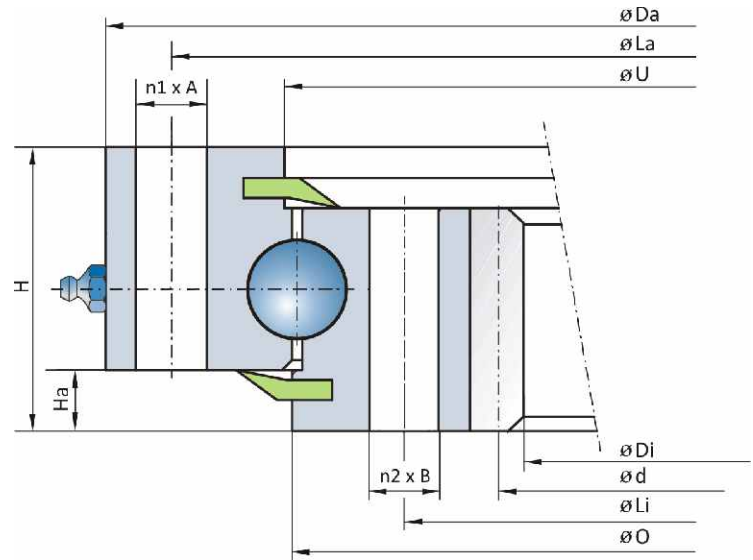


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-31.75-0955-CF	1100	812	90	1060	894	30	22	30	M 20	953.5	956.5	19	830	10	83	41.18	82.36	1029	2754	411	479	159
2.	113-31.75-1055-CF	1200	912	90	1160	994	30	22	30	M 20	1053.5	1056.5	19	930	10	93	40.63	81.26	1137	3043	427	497	176
3.	113-31.75-1155-CF	1300	1012	90	1260	1094	36	22	36	M 20	1153.5	1156.5	19	1030	10	103	40.15	80.30	1245	3331	442	514	192
4.	113-31.75-1255-CF	1400	1112	90	1360	1194	42	22	42	M 20	1253.5	1256.5	19	1130	10	113	39.74	79.48	1353	3619	456	531	208
5.	113-31.75-1355-CF	1500	1212	90	1460	1294	42	22	42	M 20	1353.5	1356.5	19	1230	10	123	39.39	78.78	1460	3908	469	546	226
6.	113-31.75-1455-CF	1600	1310	90	1560	1394	48	22	48	M 20	1453.5	1456.5	19	1330	10	133	39.10	78.20	1568	4196	482	561	243

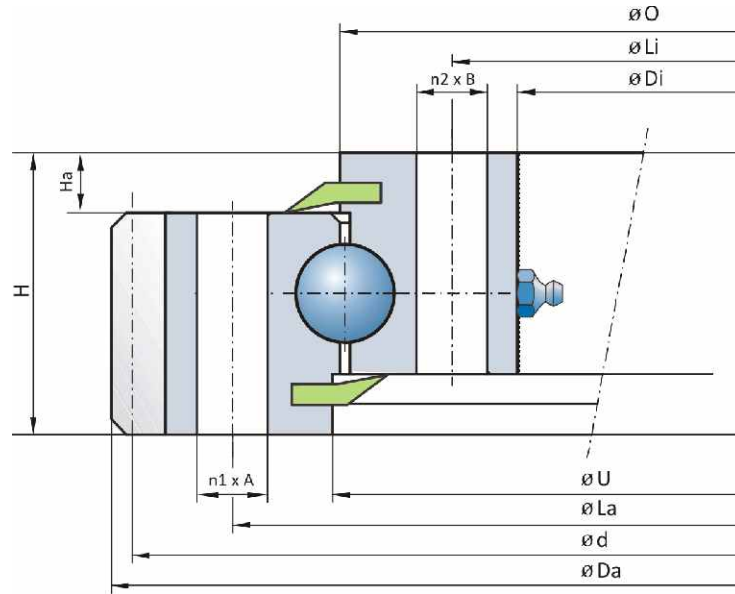
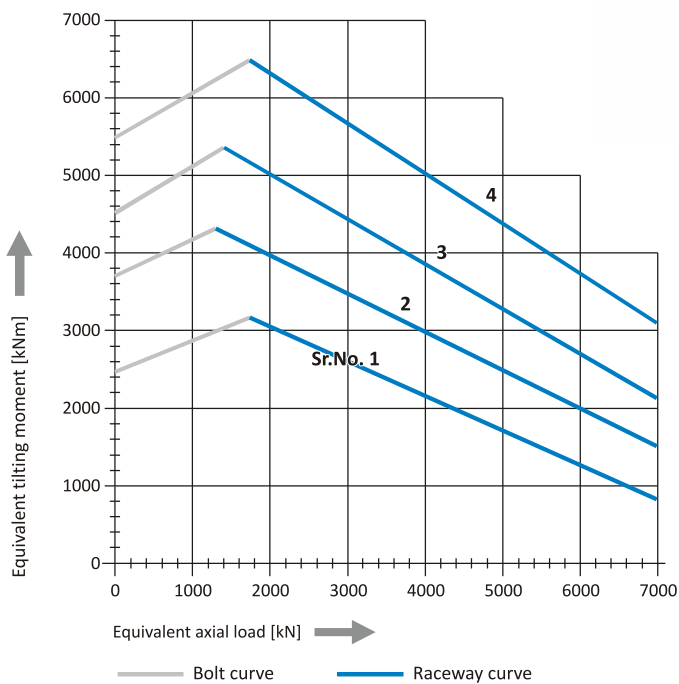


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-40-1400-FF	1593.6	1266	94	1482	1318	36	Ø26	36	Ø26	1398	1402	9	1560	12	130	66.1	130.2	2147	5745	568	662	405
2.	112-40-1600-FF	1803.2	1466	94	1682	1518	40	Ø26	40	Ø26	1598	1602	9	1764	14	126	76.5	151.5	2455	6570	648	757	480
3.	112-40-1800-FF	1999.2	1666	94	1882	1718	44	Ø26	44	Ø26	1798	1802	9	1960	14	140	76.5	151.5	2761	7387	729	852	532

Single Row Ball Type Internal Geared Slew Bearing

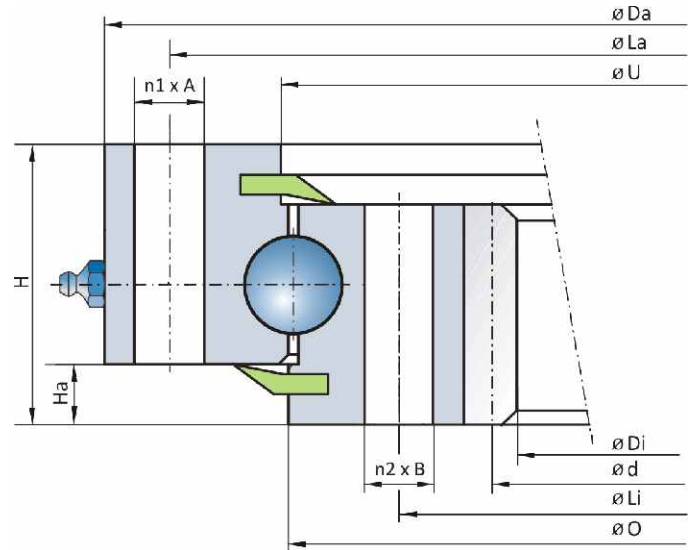
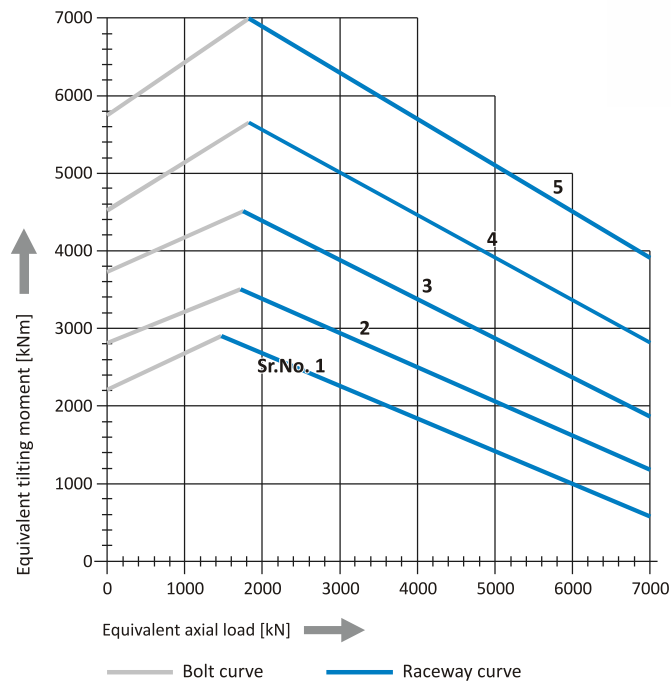


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-40-1500-FF	1634	1308	94	1582	1418	40	Ø26	40	Ø26	1498	1502	13	1320	12	110	66.0	130.2	2301	6156	607	709	412
2.	113-40-1700-FF	1834	1498	94	1782	1618	44	Ø26	44	Ø26	1698	1702	13	1512	14	108	76.5	151.5	2607	6976	688	803	477

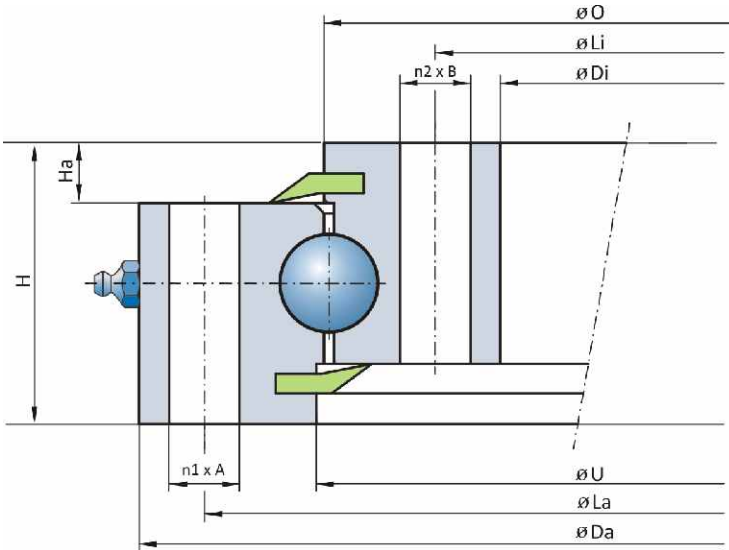


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-50-1900-FF	2139.2	1729	109	2005	1795	36	Ø33	36	Ø33	1898	1902	9	2100	14	150	134	231	3326	8895	1132	1319	822
2.	112-50-2130-FF	2380.8	1959	109	2235	2025	48	Ø33	48	Ø33	2128	2132	9	2336	16	146	157	275	3728	9972	1180	1375	933
3.	112-50-2355-FF	2604.8	2184	109	2460	2250	54	Ø33	54	Ø33	2353	2357	9	2560	16	160	157	275	4121	11024	1226	1429	1026
4.	112-50-2645-FF	2892.8	2474	109	2750	2540	60	Ø33	60	Ø33	2643	2647	9	2848	16	178	157	275	4627	12382	1282	1494	1144

Single Row Ball Type Internal Geared Slew Bearing



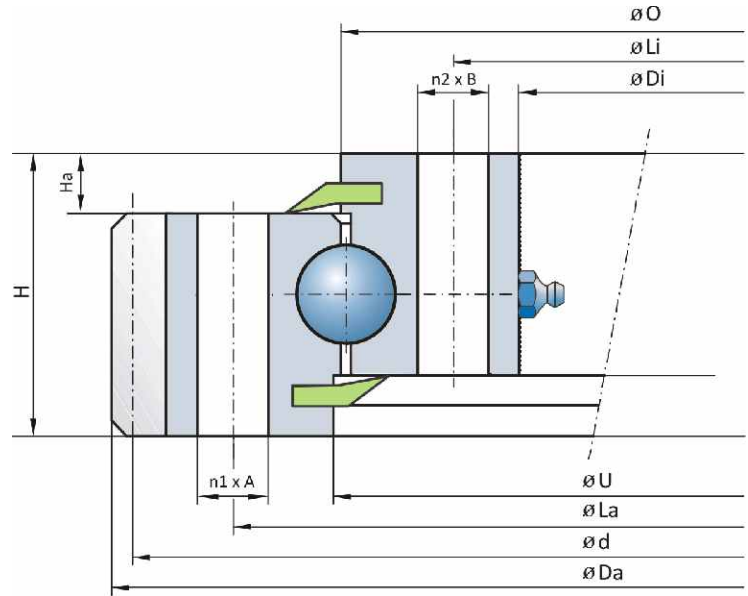
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-50-1800-FF	1971	1554	109	1905	1695	36	Ø33	36	Ø33	1798	1802	10	1568	14	112	143.0	256.0	3151	8427	1108	1290	764
2.	113-50-2000-FF	2171	1764	109	2105	1895	40	Ø33	40	Ø33	1998	2002	10	1778	14	127	143.0	256.0	3460	9363	1156	1347	845
3.	113-50-2240-FF	2411	1984	109	2345	2135	48	Ø33	48	Ø33	2238	2242	10	2000	16	125	168.0	292.0	3920	10486	1201	1399	963
4.	113-50-2490-FF	2661	2240	109	2595	2385	54	Ø33	54	Ø33	2488	2492	10	2256	16	141	168.0	292.0	4357	11656	1253	1260	1055
5.	113-50-2800-FF	2971	2544	109	2905	2695	60	Ø33	60	Ø33	2798	2802	10	2560	16	160	168.0	292.0	4899	13107	1304	1520	1207



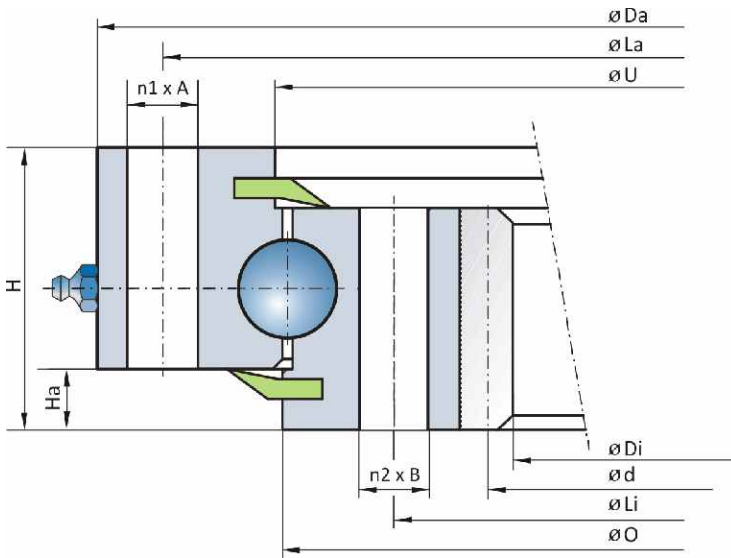
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-6.35-0080-FF	112	48	20.24	97	63	8	M6	8	M6	73	82.4	1.72	-	-	-	-	-	20	54	29	34	1.1
2.	111-6.35-0100-FF	138	62	22	120	80	8	M8	8	M8	92.5	103	2	-	-	-	-	-	25	68	37	43	1.7
3.	111-12.7-101.6-FF	152.4	50.8	41.3	133.35	69.85	8	M10	8	M10	98.75	104.5	3.2	-	-	-	-	-	28	80	42	52	4.5
4.	111-12-0120-FF	170	70	30	148	90	6	Ø 9	6	M 8	118.5	121.5	1	-	-	-	-	-	31	82	45	54	5
5.	111-16-0179-FF	234	124.5	35	214	144.5	12	M12	12	M 12	178	180	5	-	-	-	-	-	80	213	91	107	8
6.	111-12-0222-FF	300	140	36	270	170	12	M16	12	Ø18	220	224	6	-	-	-	-	-	158	421	88	104	12
7.	111-20-0220-FF	302	138	46	270	170	10	Ø18	10	Ø18	219	221	5	-	-	-	-	-	183	489	179	209	17
8.	111-20-0260-FF	329	191	46	305	215	16	Ø14	16	Ø14	259	261	5	-	-	-	-	-	153	407	145	170	16
9.	111-16-0325-FF	380	270	35	360	290	24	Ø11	24	Ø11	324	326	5	-	-	-	-	-	144	384	116	136	13
10.	111-22-0308-FF	390	230	65	358	259	24	Ø14.5	28	Ø14.5	306	310	7	-	-	-	-	-	187	498	174	204	29
11.	111-20-0310-FF	403.5	235	55	358	259	24	Ø13	28	Ø13	308	312	10	-	-	-	-	-	191	448	139	140	27
12.	111-25-0371-FF	471	286	63	438	320	16	Ø18	16	Ø18	369.5	372.5	9	-	-	-	-	-	394	1054	300	350	42
13.	111-22-0404-FF	474	336	46	450	360	30-1	Ø14	30	Ø14	402	406	5	-	-	-	-	-	244	653	195	229	23
14.	111-25-0380-FF	485	275	55	453	307	16	Ø18	16	Ø18	379	381	5	-	-	-	-	-	284	759	228	267	44
15.	111-31.75-0474-FF	577	370	75	540	410	24	Ø17.5	24	Ø17.5	472	476	12	-	-	-	-	-	383	1023	321	375	69
16.	111-31.75-0550-FF	650	450	75	615	485	24	Ø22	24	Ø22	548	552	10	-	-	-	-	-	516	1381	341	398	76
17.	111-31.75-0574-FF	672	479	77	640	508	36	Ø18 36-1	Ø18	Ø18	572.5	575.5	13	-	-	-	-	-	539	1441	346	404	78
18.	111-31.75-0680-FF	800	560	82	755	605	24	Ø22	24	Ø22	678.5	681.5	9	-	-	-	-	-	638	1706	367	429	121
19.	111-31.75-0675-FF	816	573	90	753	604	36	Ø18 36-1	Ø18	Ø18	673	677	17	-	-	-	-	-	901	2410	488	569	132
20.	111-31.75-0780-FF	900	666	85	858	710	32	Ø22	32	Ø22	778	782	9	-	-	-	-	-	732	1956	387	452	126

Single Row Ball Type External Geared Slew Bearing

Flange Type Series



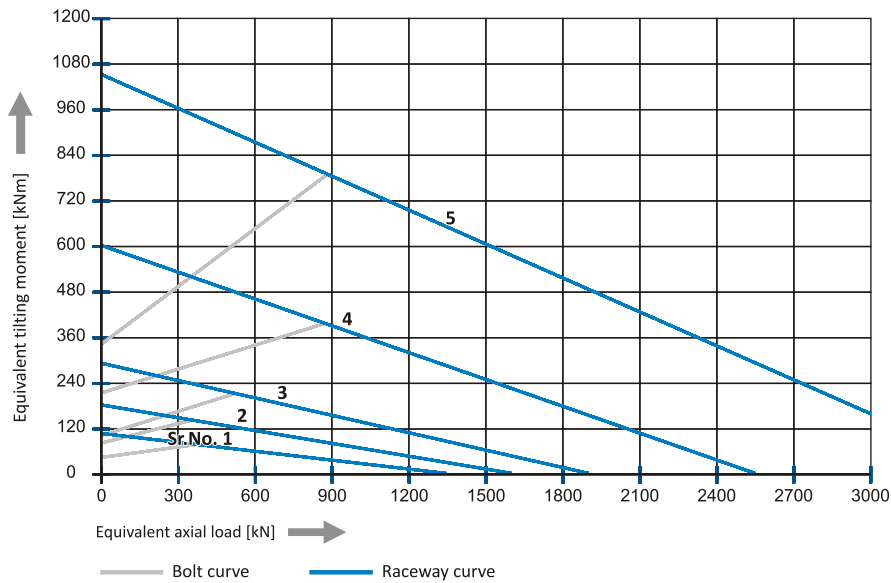
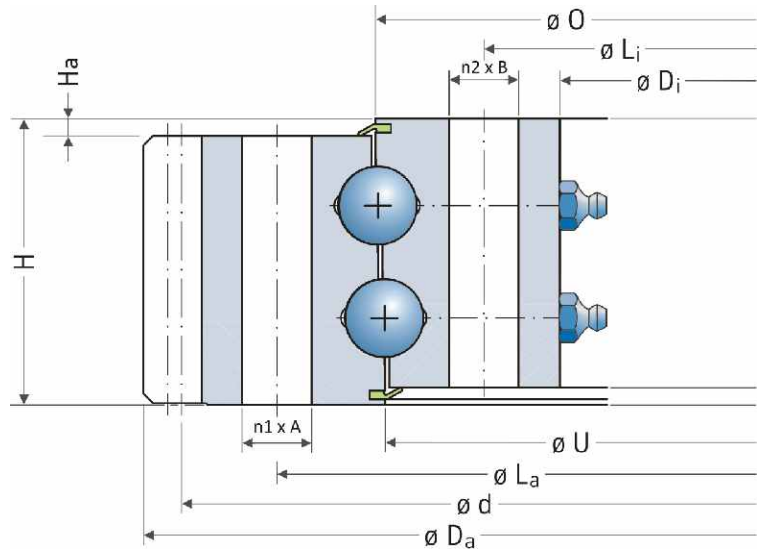
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	112-16-0235-FF	318.6	171	40	275	195	12	Ø13	12	Ø13	233.5	236.5	5	312	4	78	7	13.5	145	387	134	156	15
2.	112-25-0309-FF	408.4	235	60	359	259	24	Ø13	24-1	Ø13	308	310	7.5	400	5	80	12	21.5	231	617	211	245	32
3.	112-25-0537-FF	688.8	417	72	605	469	30	Ø26	30-1	Ø26	535.5	538.5	9	672	6	112	26	46	570	1522	346	403	93
4.	112-31.75-0675-FF	838	573	90	753	604	36	Ø22	36-1	Ø22	673.5	676.5	17	810	10	81	70	119	901	2409	488	568	139
5.	112-25-0693-FF	838	599	91	752	634	42	Ø18	42	Ø18	690	696	23	810	10	81	66	113	516	1379	287	335	134
6.	112-40-1298-FF	1483.2	1168	105	1380	1216	60	Ø26	60-1	Ø26	1296.5	1299.5	10	1440	12	120	109	187	1678	4488	588	685	364
7.	112-31.75-1600-FF	1803.2	1466	94	1682	1518	40	Ø26	40	Ø26	1598.5	1601.5	9	1764	14	126	87	147	1499	4008	505	589	481
8.	112-22-0635-FF	742.8	546	70	685	582	40	M 16	40	Ø17.5	633.5	636.5	10	732	6	122	25	45	538	1437	307	358	81
9.	112-25-0716-FF	838.8	622	68	775	657	40	Ø17.5	40	Ø17.5	714.5	717.5	9	828	6	138	16	29	533	1425	289	337	98
10.	112-31.75-0823-FF	979	715	100	893	753	36	Ø22	36-1	Ø22	821.5	824.5	21	940	10	94	67	114	772	2063	395	461	179
11.	112-16-0188-FF	259.36	135	35	222	154	16	M 10	16-1	M 10	187	189	5	248	4	62	10	18	145	387	123	144	9.5
12.	112-30-0375-FF	510	260	83	440	305	14	M 16	16	Ø22	372	378	10	498	6	83	24	44	453	1215	255	285	68
13.	112-30-0430-FF	563.2	314	83.5	495	360	16	M 16	24-1	Ø22	427	433	10	552	6	92	24	44	540	1390	280	340	72
14.	112-31.75-0430-FF	563.2	314	88	495	360	16	M 16	24-1	Ø22	427	433	10	552	6	92	24	44	551	1475	297	355	71
15.	112-31.75-0525-FF	685.9	380	96	600	450	18	M 20	20	Ø22	521	529	10	672	7	96	29	54	672	1800	363	435	128
16.	112-31.75-0957-FF	1138	840	131	1030	885	42	M 20	42-1	Ø22	955.5	958.5	24	1092	12	91	110	189	1461	3909	555	647	326
17.	112-25-1845-FF	1966.4	1745	68	1900	1785	36	M 16	36	Ø17.5	1843	1847	9	1952	8	244	29	50	1953	5223	545	636	263



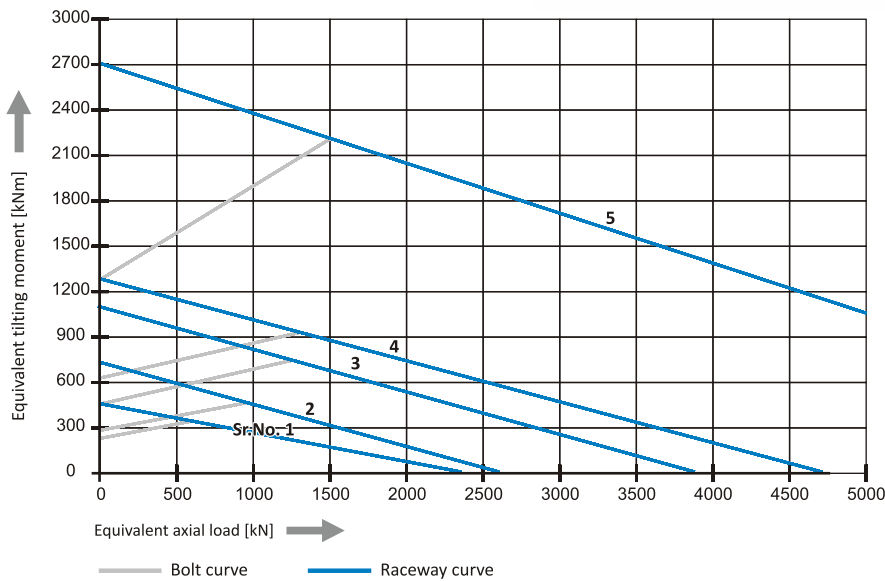
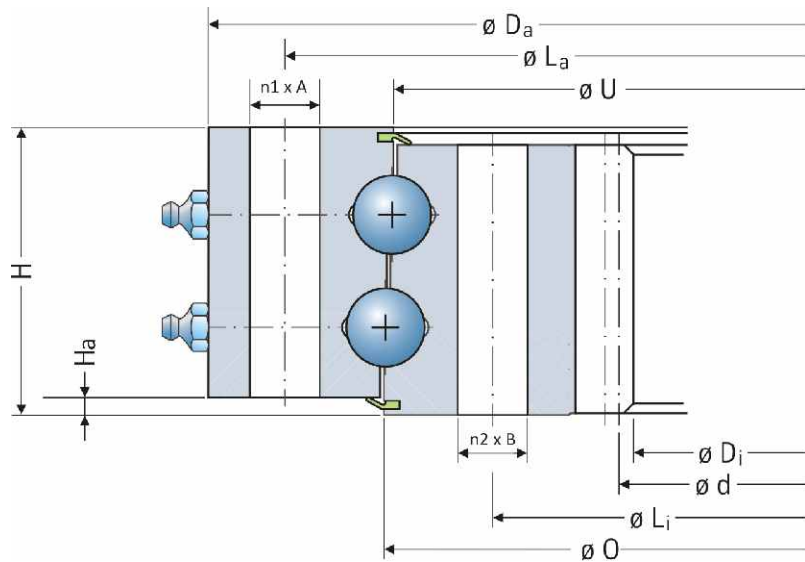
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	113-16-0288-FF	340	216	39	324	252	20	Ø9	20	Ø9	286.5	289.5	5	224	4	56	5.5	12.5	128	341	110	130	14
2.	113-16-0344-FF	410	256	39	386	302	16	Ø14	16	Ø14	342.5	345.5	5	264	4	66	10	18	264	706	156	183	26
3.	113-16-0420-FF	486	332	39	462	378	16	Ø14	16	Ø14	418.5	421.5	5	340	4	85	6	13	186	495	126	149	26
4.	113-30-0684-FF	774	554	76	742	623	24	Ø17	24	Ø17	682.5	685.5	16	568	8	71	25	47	745	1994	324	378	96
5.	113-30-1100-FF	1193	963	85	1160	1040	36	Ø17	36	Ø19	1102	1098.0	13	980	10	98	48	87	1030	2756	432	506	192
6.	113-31.75-1128-FF	1260	933	90	1210	1045	40	Ø28	40	M27	1126.5	1129.5	18	924	12	77	63	102	1057	2827	444	519	282
7.	113-22-1131-FF	1213	1015	66	1181	1081	40	M16	40	Ø18	1129	1133	10	1022	7	146	30	54	680	1819	286	335	129
8.	113-31.75-1159-FF	1286	980	94	1234	1084	42	Ø26	42	Ø26	1157	1161	18	1000	10	100	66	114	1086	2905	449	525	271
9.	113-31.75-1384-FF	1517	1176	102	1465	1305	48	Ø26	48	M24	1382	1386	34	1190	14	85	111	185	1297	3468	479	560	434
10.	113-31.75-1400-FF	1512	1224	89	1468	1332	60	Ø25	60	M24	1398	1402	26	1236	12	103	83	140	1867	4994	637	744	291
11.	113-31.75-1582-FF	1722	1360	95	1670	1500	60	Ø26	60	M24	1580	1584	18	1376	16	86	124	206	2417	6460	669	782	471
12.	113-22-0782-FF	868	656	77	834	730	24	Ø18	24	M16	780	784	27	656	8	82	33	57	471	1259	250	293	105
13.	113-22-0850-FF	936	738	75	902	800	24	Ø18	24	M16	848	852	25	744	6	124	23	42	616	1646	258	302	102
14.	113-25-0889-FF	980	784	82	944	850	36	Ø17.5	36	M16	887	891	15	800	8	100	43	76	662	1770	314	367	128
15.	113-30-1212-FF	1310	1083	105.5	1274.5	1169	36	Ø21	36	M20	1213	1213	34.5	1104	12	92	105	192	1140	3050	471	551	241

Double Row Ball Type External Geared Slew Bearing

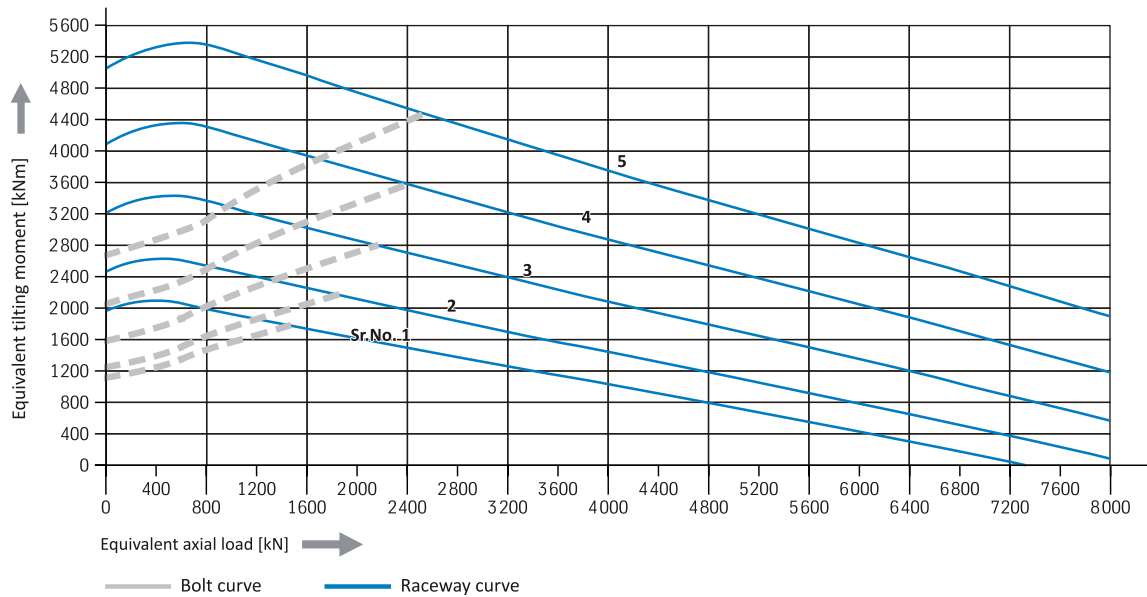
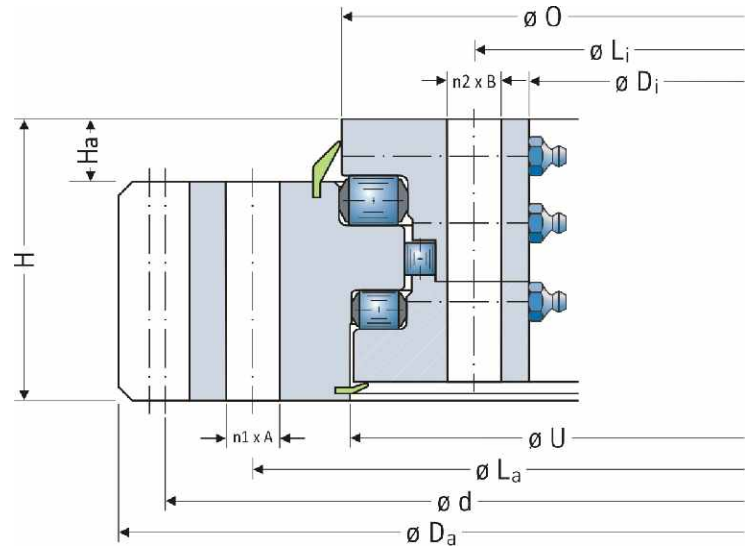
Flange
Type Series



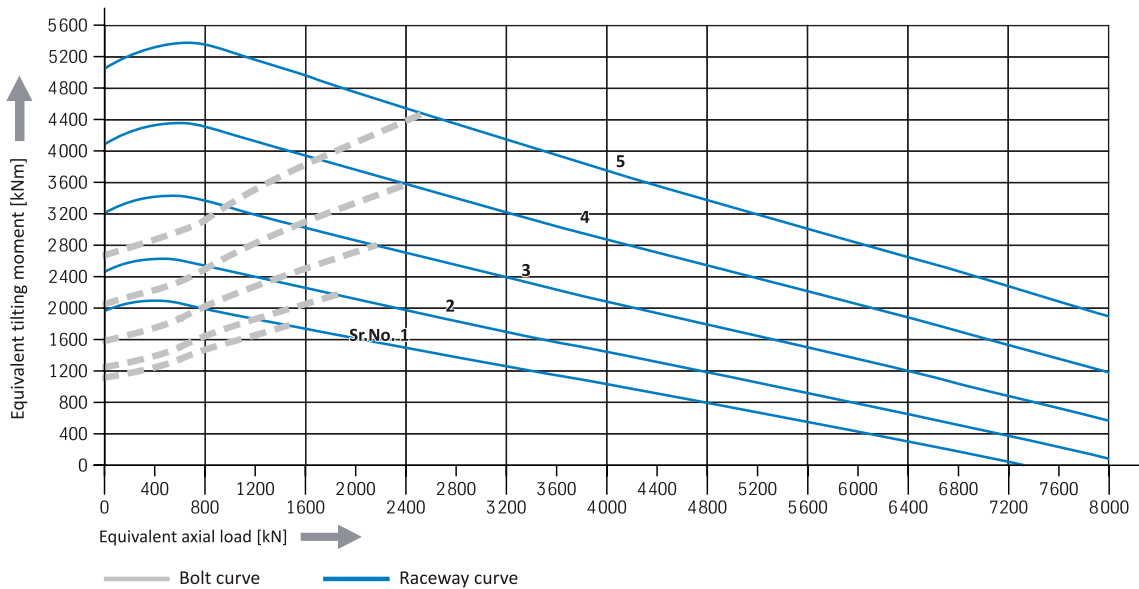
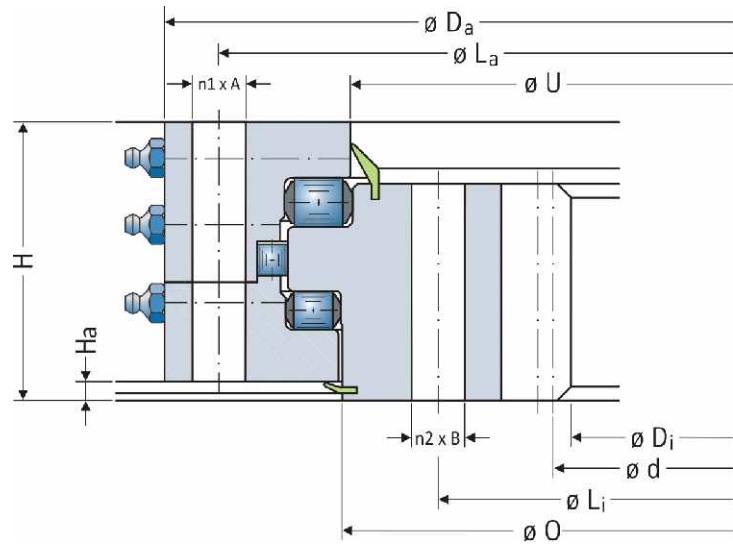
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	122-25-0384-FF	504	300	95	436	330	16	Ø17	16	Ø17	383	385	8	488	8	61	33	64	503	1347	196	229	67
2.	122-25-0475-FF	608	382	95	540	410	24	Ø17	24	Ø17	473	477	8	592	8	74	42	82	623	1667	243	283	87
3.	122-25-0575-FF	712	470	98	640	508	24	Ø17	24	Ø17	573	577	10	696	8	87	43	84	754	2018	294	343	105
4.	122-22-0968-FF	1080	893	92	1015	922	30	Ø17	30	Ø17	966	970	9	1064	8	133	34	66	988	2644	386	449	152
5.	122-25-1077-FF	1200	976	98	1135	1012	36	Ø19	36	Ø19	1075	1079	10	1184	8	148	34	66	1358	3634	531	617	213



SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT PC.D.	INNER RING CLAMPING BOLT PC.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR PC.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	123-22-0897-FF	973	786	97	944	850	36	Ø17	36	Ø17	895	899	9	800	8	100	38.2	74.4	914	2450	356	416	143
2.	123-22-1088-FF	1165	962	97	1134	1040	36	Ø17	36	Ø17	1086	1090	9	980	10	98	47	92	1013	2714	394	463	190
3.	123-25-1100-FF	1200	963.5	110	1160	1040	36	Ø21	36	Ø21	1098	1102	14	980	10	98	52	102	1441	3861	561	656	232
4.	123-30-1223-FF	1345	1061.6	108	1290	1150	48	Ø21	48	Ø21	1221	1225	10	1080	10	108	70.9	139.8	1775	4755	691	809	329
5.	123-30-1614-FF	1750	1418.4	120	1705	1525	48	Ø25	48	Ø25	1612	1616	10	1440	12	120	94.0	186.0	2343	6275	913	1067	566

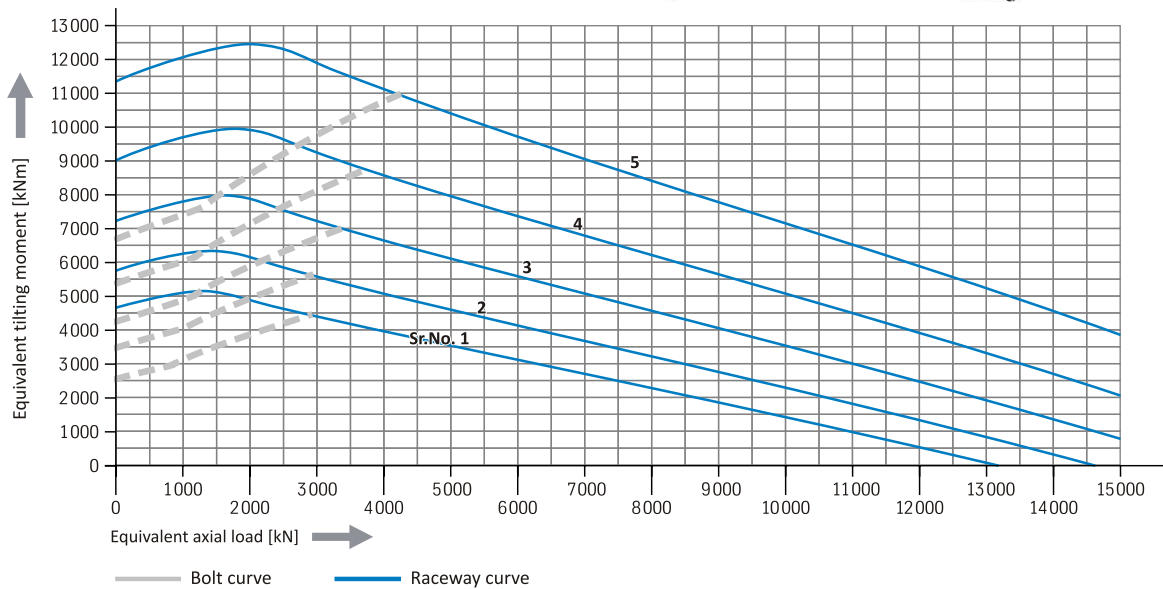
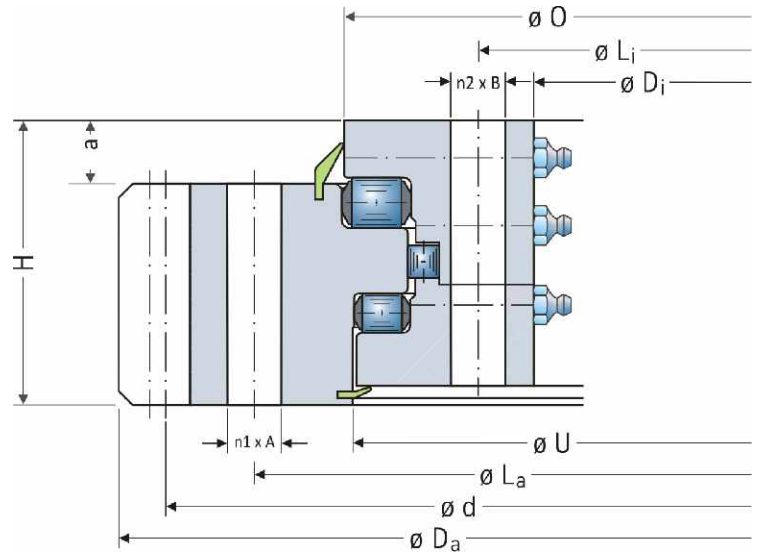


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	232-20-1250-FF	1461.6	1103	132	1355	1155	36	Ø26	36	Ø26	1280	1282	26	1428	12	119	118	235	590	7387	413	1469	545
2.	232-20-1400-FF	1635.2	1253	132	1505	1305	36	Ø26	36	Ø26	1430	1432	26	1596	14	114	137	274	663	8274	439	1563	650
3.	232-20-1600-FF	1831.2	1453	132	1705	1505	40	Ø26	40	Ø26	1630	1632	26	1792	14	128	137	274	760	9455	472	1679	735
4.	232-20-1800-FF	2044.8	1653	132	1905	1705	46	Ø26	46	Ø26	1830	1832	26	2000	16	125	164	314	857	10636	503	1794	850
5.	232-20-2000-FF	2236.8	1853	132	2105	1905	54	Ø26	54	Ø26	2030	2032	26	2192	16	137	164	314	954	11817	532	1891	915

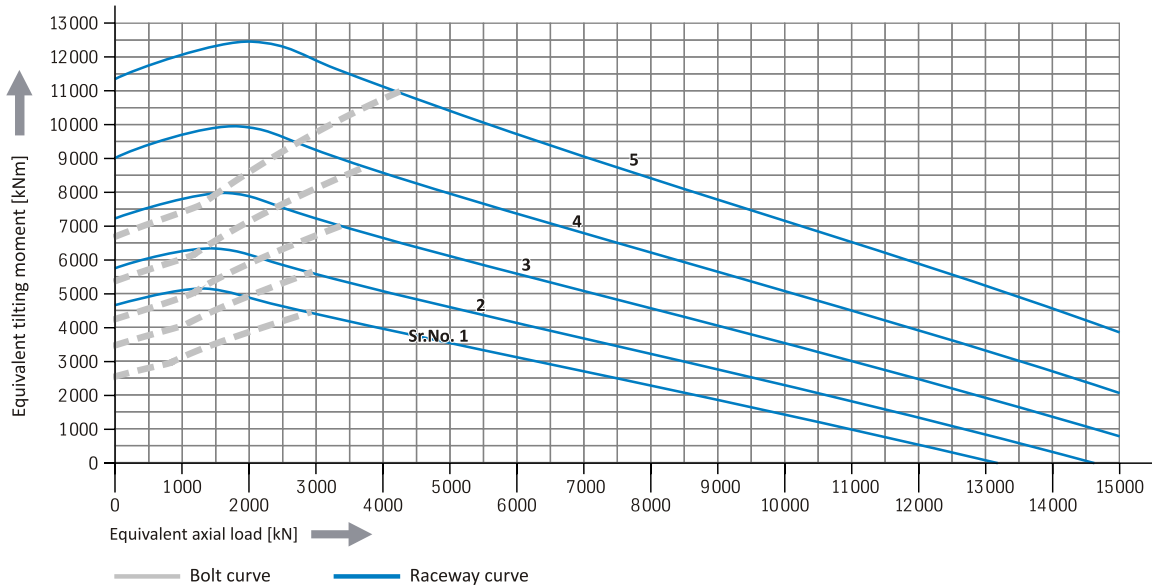
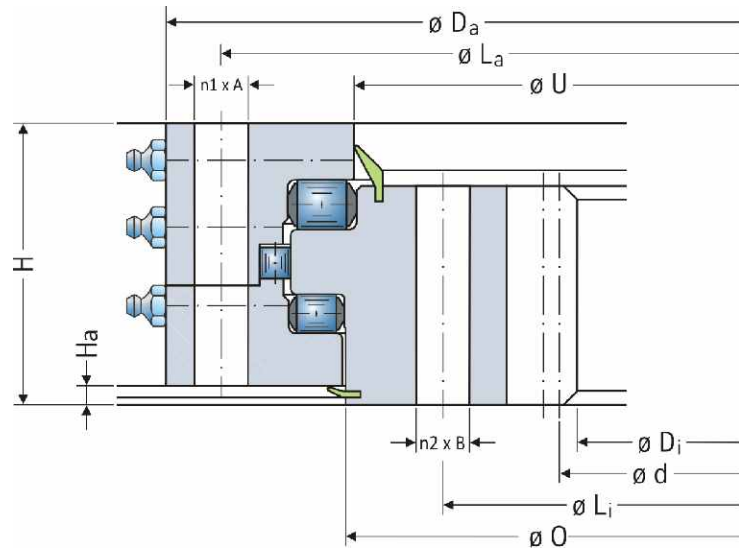


SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	233-20-1250-FF	1397	1032	132	1345	1145	36	Ø26	36	Ø26	1218	1219	9	1044	12	87	118	235	628	7388	427	1469	544
2.	233-20-1400-FF	1547	1162	132	1495	1295	36	Ø26	36	Ø26	1368	1369	9	1176	14	84	147	271	701	8274	452	1563	635
3.	233-20-1600-FF	1747	1372	132	1695	1495	40	Ø26	40	Ø26	1568	1569	9	1386	14	99	147	271	798	9455	484	1679	710
4.	233-20-1800-FF	1947	1552	132	1895	1695	46	Ø26	46	Ø26	1768	1769	9	1568	16	98	176	321	895	10636	514	1794	834
5.	233-20-2000-FF	2147	1760	132	2095	1895	54	Ø26	54	Ø26	1968	1969	9	1776	16	111	176	321	992	11817	543	1891	905

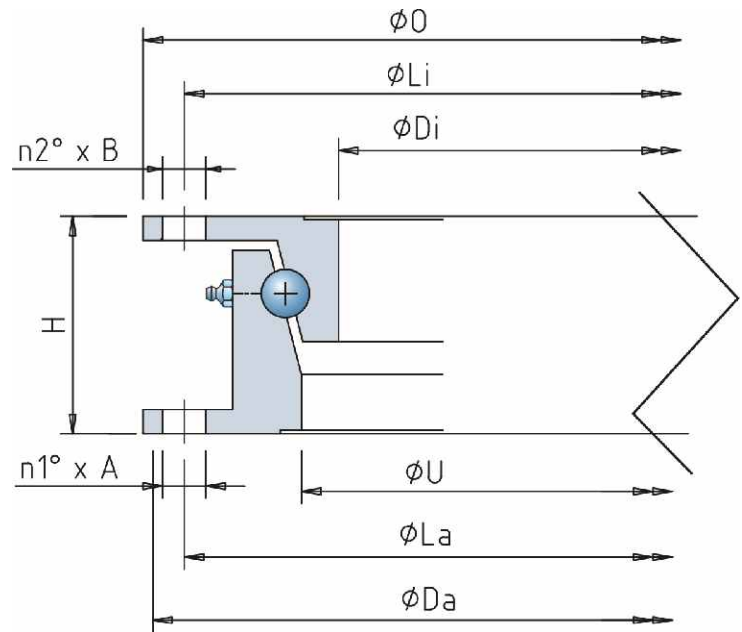
25 Flange Type Series Triple Row Roller Type External Geared Slew Bearing



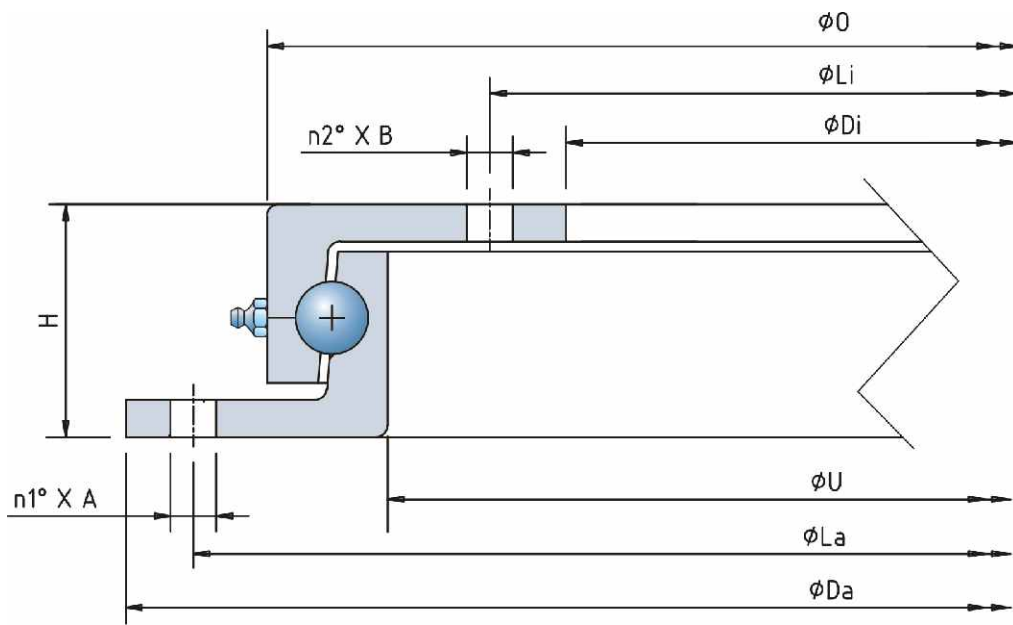
SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	232-25-1800-FF	2076.8	1619	147	1925	1685	36	Ø33	36	Ø33	1836	1826	30	2032	16	127	173	327	1351	13011	731	2437	1130
2.	232-25-2000-FF	2268.8	1819	147	2125	1885	44	Ø33	44	Ø33	2036	2026	30	2224	16	139	173	327	1505	14456	775	2583	1220
3.	232-25-2240-FF	2516.4	2059	147	2366	2125	48	Ø33	48	Ø33	2276	2266	30	2466	18	137	203	368	1690	16190	824	2739	1380
4.	232-25-2500-FF	2786.4	2319	147	2625	2385	54	Ø33	54	Ø33	2536	2526	30	2736	18	152	203	368	1890	18069	873	2899	1570
5.	232-25-2800-FF	3096.0	2619	147	2925	2685	60	Ø33	60	Ø33	2836	2826	30	3040	20	152	233	409	2121	20237	929	3082	1788



SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	233-25-1800-FF	1981	1520	147	1915	1675	36	Ø33	36	Ø33	1774	1763	9	1536	16	96	188	347	1427	13011	754	2437	1105
2.	233-25-2000-FF	2181	1728	147	2115	1875	44	Ø33	44	Ø33	1974	1963	9	1744	16	109	188	347	1580	14456	796	2583	1205
3.	233-25-2240-FF	2421	1944	147	2355	2115	48	Ø33	48	Ø33	2214	2203	9	1962	18	109	220	399	1766	16190	835	2739	1410
4.	233-25-2500-FF	2681	2214	147	2615	2375	54	Ø33	54	Ø33	2474	2463	9	2232	18	124	220	399	1966	18069	892	2899	1548
5.	233-25-2800-FF	2981	2500	147	2915	2675	60	Ø33	60	Ø33	2774	2763	9	2520	20	126	251	454	2197	20237	946	3082	1770



SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC	DYNAMIC			
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-12-0228-HH	295	200	55	270	270	8	Ø11	8	Ø11	295	220	-	-	-	-	-	-	-	5	-	-	6
2.	111-12-0318-HH	400	292	55	375	375	8	Ø11	8	Ø11	400	310	-	-	-	-	-	-	-	7.7	-	-	8
3.	111-12-0418-HH	500	392	55	475	475	12	Ø13	12	Ø13	500	410	-	-	-	-	-	-	-	11	-	-	12
4.	111-14-0516-HH	600	485	65	575	575	12	Ø13	12	Ø13	600	510	-	-	-	-	-	-	-	17	-	-	18
5.	111-14-0566-HH	650	535	65	625	625	12	Ø13	12	Ø13	650	560	-	-	-	-	-	-	-	17.2	-	-	20
6.	111-14-0616-HH	700	585	65	675	675	16	Ø13	16	Ø13	700	610	-	-	-	-	-	-	-	23	-	-	22
7.	111-14-0666-HH	750	635	65	725	725	16	Ø13	16	Ø13	750	660	-	-	-	-	-	-	-	23.2	-	-	24
8.	111-14-0716-HH	800	685	65	775	775	16	Ø13	16	Ø13	800	710	-	-	-	-	-	-	-	25	-	-	26
9.	111-14-0766-HH	850	735	65	825	825	20	Ø13	20	Ø13	850	760	-	-	-	-	-	-	-	31	-	-	28
10.	111-14-0816-HH	900	785	65	875	875	20	Ø13	20	Ø13	900	810	-	-	-	-	-	-	-	37	-	-	30
11.	111-14-0866-HH	950	835	65	925	925	20	Ø13	20	Ø13	950	860	-	-	-	-	-	-	-	37	-	-	32
12.	111-14-0916-HH	1000	885	65	975	975	24	Ø13	24	Ø13	1000	910	-	-	-	-	-	-	-	42	-	-	34
13.	111-14-0966-HH	1050	935	65	1025	1025	24	Ø13	24	Ø13	1050	960	-	-	-	-	-	-	-	47	-	-	36
14.	111-16-0794-HH	890	762	80	852	852	20	Ø13	20	Ø13	895	780	-	-	-	-	-	-	-	53	-	-	37
15.	111-16-0914-HH	1010	882	80	972	972	24	Ø13	24	Ø13	1015	900	-	-	-	-	-	-	-	62	-	-	44
16.	111-16-1004-HH	1100	972	80	1060	1060	24	Ø13	24	Ø13	1105	990	-	-	-	-	-	-	-	68	-	-	52


Z Type
Series

Single Row Ball Type Without Geared Slew Bearing

SR.No.	MODEL DESCRIPTION	OUTER DIAMETER	INNER DIAMETER	OVERALL HEIGHT	OUTER RING CLAMPING BOLT P.C.D.	INNER RING CLAMPING BOLT P.C.D.	NO OF HOLES ON OUTER RING	OUTER RACE BOLT HOLE DIA.	NO OF HOLES ON INNER RING	INNER RACE BOLT HOLE DIA.	DIAMETER	DIAMETER	DISTANCE	GEAR P.C.D.	MODULE	NUMBER OF TEETH	PERMISSIBLE TANGENTIAL FORCE (NOR.)	PERMISSIBLE TANGENTIAL FORCE (MAX.)	LOAD RATING				WEIGHT
																			STATIC		DYNAMIC		
		Da [mm]	Di [mm]	H [mm]	La [mm]	Li [mm]	n1	A [mm]	n2	B [mm]	O [mm]	U [mm]	Ha [mm]	d [mm]	m	z	[kN]	[kN]	Co rad [kN]	Co ax [kN]	C rad [kN]	C ax [kN]	[kg]
1.	111-16-0307-ZZ	400	215	52	375	260	8	Ø11	8	Ø11	338	281	-	-	-	-	-	-	-	15	-	-	16
2.	111-16-0407-ZZ	500	315	52	475	340	12	Ø13	12	Ø13	434	381	-	-	-	-	-	-	19	-	-	18	
3.	111-16-0557-ZZ	650	465	52	625	490	12	Ø13	12	Ø13	584	531	-	-	-	-	-	-	25	-	-	24	
4.	111-16-0657-ZZ	750	565	52	725	590	16	Ø13	16	Ø13	684	631	-	-	-	-	-	-	32	-	-	26	
5.	111-16-0757-ZZ	850	665	52	825	690	20	Ø13	20	Ø13	784	731	-	-	-	-	-	-	37	-	-	31	
6.	111-16-0857-ZZ	950	765	52	925	790	20	Ø13	20	Ø13	884	831	-	-	-	-	-	-	41	-	-	34	
7.	111-16-0957-ZZ	1050	865	52	1025	890	24	Ø13	24	Ø13	984	931	-	-	-	-	-	-	52	-	-	39	



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■ Combined Bearing



■ Slew Drive



■ Slew Ring Bearing



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