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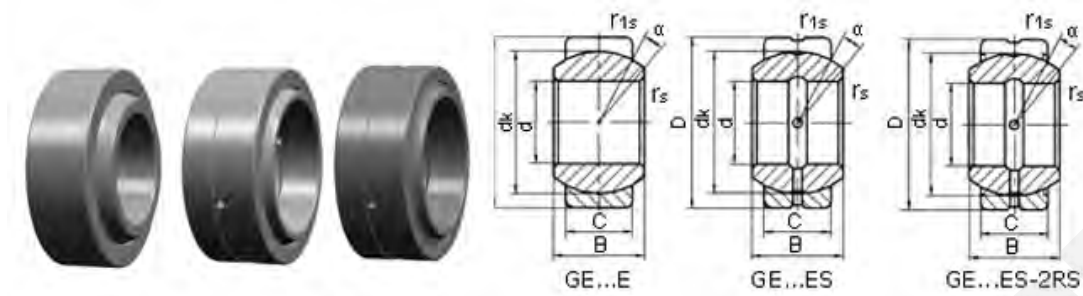
Angular contact spherical plain bearings inch size-GACZ..S (GE..SW)

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Interchange table

Requiring maintenance, steel-on-steel-GE ES 2RS (GE DO)



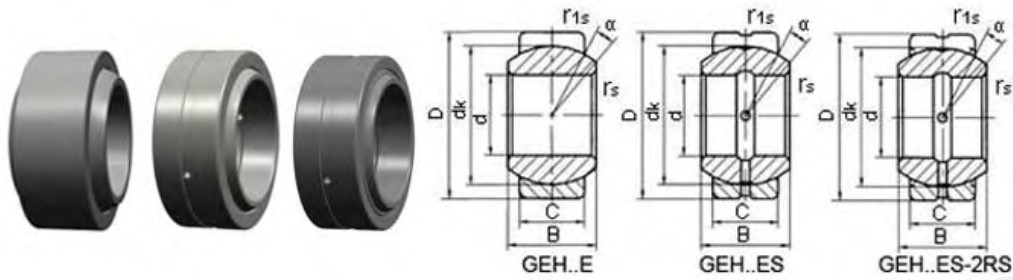
Material

Ball: Chrome Steel GCr15,heat treated,phosohate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosohate-treated

Bearing No.			Dimension (mm)							Load rating (KN)			Mass
No.	No	INA	d	D	B	C	dk	rs min	r1smin	a	Cr	Cor	(kg)
GE 5 E		GE5-DO	5							13			0.005
GE 6 E		GE6-DO	6	14	6	4	10	0.3	0.3	13	3.4	17	0.004
GE8 E		GE8-DO	8	16	8	5	13	0.3	0.3	15	5.5	27	0.008
GE 10 E		GE10-DO	10	19	9	6	16	0.3	0.3	12	8.1	40	0.011
GE 12 E		GE12-DO	12	22	10	7	18	0.3	0.3	10	10	53	0.015
GE 15 ES	GE 15 ES-2RS	GE15-DO	15	26	12	9	22	0.3	0.3	8	16	84	0.027
GE 17 ES	GE 17 ES-2RS	GE17-DO	17	30	14	10	25	0.3	0.3	10	21	106	0.041
GE 20 ES	GE 20 ES-2RS	GE20-DO	20	35	16	12	29	0.3	0.3	9	30	146	0.066
GE 25 ES	GE 25 ES-2RS	GE25-DO	25	42	20	16	35.5	0.6	0.6	7	48	240	0.119
GE 30 ES	GE 30 ES-2RS	GE30-DO	30	47	22	18	40.7	0.6	0.6	6	62	310	0.153
GE 35 ES	GE 35 ES-2RS	GE35-DO	35	55	25	20	47	0.6	1	6	79	399	0.233
GE 40 ES	GE 40 ES-2RS	GE40-DO	40	62	28	22	53	0.6	1	7	99	495	0.306
GE 45 ES	GE 45 ES-2RS	GE45-DO	45	68	32	25	60	0.6	1	7	127	637	0.427
GE 50 ES	GE 50 ES-2RS	GE50-DO	50	75	35	28	66	0.6	1	6	156	780	0.546
GE 55 ES	GE 55 ES-2RS	GE55-DO	55	85	40	32	74	0.6	1	7	200	1000	0.939
GE 60 ES	GE 60 ES-2RS	GE60-DO	60	90	44	36	80	1	1	6	245	1220	1.04
GE 70 ES	GE 70 ES-2RS	GE70-DO	70	105	49	40	92	1	1	6	313	1560	1.55
GE 80 ES	GE 80 ES-2RS	GE80-DO	80	120	55	45	105	1	1	6	400	2000	2.31
GE 90 ES	GE 90 ES-2RS	GE90-DO	90	130	60	50	115	1	1	5	488	2440	2.75
GE 100 ES	GE 100 ES-2RS	GE100-DO	100	150	70	55	130	1	1	7	607	3030	4.45
GE 110 ES	GE 110 ES-2RS	GE110-DO	110	160	70	55	140	1	1	6	654	3270	4.82
GE 120 ES	GE 120 ES-2RS	GE120-DO	120	180	85	70	160	1	1	6	950	4750	8.05
GE 140 ES	GE 140 ES-2RS	GE140-DO	140	210	90	70	180	1	1	7	1070	5350	11.02
GE 160 ES	GE 160 ES-2RS	GE160-DO	160	230	105	80	200	1	1	8	1360	6800	14.01
GE 180 ES	GE 180 ES-2RS	GE180-DO	180	260	105	80	225	1.1	1.1	6	1530	7650	18.65
GE 200 ES	GE 200 ES-2RS	GE200-DO	200	290	130	100	250	1.1	1.1	7	2120	10600	28.03
GE 220 ES	GE 220 ES-2RS	GE220-DO	220	320	135	100	275	1.1	1.1	8	2320	11600	35.51
GE 240 ES	GE 240 ES-2RS	GE240-DO	240	340	140	100	300	1.1	1.1	8	2550	12700	39.91
GE 260 ES	GE 260 ES-2RS	GE260-DO	260	370	150	110	325	1.1	1.1	7	3030	15190	51.54
GE 280 ES	GE 280 ES-2RS	GE280-DO	280	400	155	120	350	1.1	1.1	6	3570	17850	65.06
GE 300 ES	GE 300 ES-2RS	GE300-DO	300	430	165	120	375	1.1	1.1	7	3800	19100	78.07

Requiring maintenance, steel-on-steel-GEH ES (GE FO)



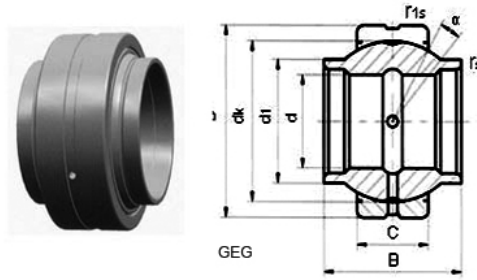
Material

Ball: Chrome Steel GCr15,heat treated,phosohate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosohate-treated

Bearing No.			Dimension (mm)							Load rating (KN)		Mass	
	INA	d	D	B	C	dk	rs min	rlsmin	a	Cr	Cor	(kg)	
GEH 5 E	GE5-FO								21			0.008	
GEH 6 E	GE6-FO	6	16	9	5	13	0.3	0.3	21	5.5	27	0.006	
GEH 8 E	GE8-FO	8	19	11	6	16	0.3	0.3	21	8.1	40	0.014	
GEH 10E	GE10-FO	10	22	12	7	18	0.3	0.3	18	10	53	0.021	
GEH 12E	GE12-FO	12	26	15	9	22	0.3	0.3	18	16	84	0.033	
GEH 15 ES	GEH 15 ES-2RS	GE15-FO-2RS	15	30	16	10	25	0.3	0.3	16	21	106	0.049
GEH 17 ES	GEH 17 ES-2RS	GE17-FO-2RS	17	35	20	12	29	0.3	0.3	19	30	146	0.083
GEH 20 ES	GEH 20 ES-2RS	GE20-FO-2RS	20	42	25	16	35.5	0.3	0.6	17	48	240	0.153
GEH 25 ES	GEH 25 ES-2RS	GE25-FO-2RS	25	47	28	18	40.7	0.6	0.6	17	62	310	0.203
GEH 30 ES	GEH 30 ES-2RS	GE30-FO-2RS	30	55	32	20	47	0.6	1	17	79	399	0.304
GEH 35 ES	GEH 35 ES-2RS	GE35-FO-2RS	35	62	35	22	53	0.6	1	16	99	495	0.408
GEH 40 ES	GEH 40 ES-2RS	GE40-FO-2RS	40	68	40	25	60	0.6	1	17	127	637	0.542
GEH 45 ES	GEH 45 ES-2RS	GE45-FO-2RS	45	75	43	28	66	0.6	1	15	156	780	0.713
GEH 50 ES	GEH 50 ES-2RS	GE50-FO-2RS	50	90	56	36	80	0.6	1	17	245	1220	1.14
GEH 60 ES	GEH 60 ES-2RS	GE60-FO-2RS	60	105	63	40	92	1	1	17	313	1560	2.05
GEH 70 ES	GEH 70 ES-2RS	GE70-FO-2RS	70	120	70	45	105	1	1	16	400	2000	3.01
GEH 80 ES	GEH 80 ES-2RS	GE80-FO-2RS	80	130	75	50	115	1	1	14	488	2440	3.64
GEH 90 ES	GEH 90 ES-2RS	GE90-FO-2RS	90	150	85	55	130	1	1	15	607	3030	5.22
GEH 100 ES	GEH 100 ES-2RS	GE100-FO-2RS	100	160	85	55	140	1	1	14	654	3270	6.05
GEH 110 ES	GEH 110 ES-2RS	GE110-FO-2RS	110	180	100	70	160	1	1	12	950	4750	9.68
GEH 120 ES	GEH 120 ES-2RS	GE120-FO-2RS	120	210	115	70	180	1	1	16	1070	5350	14.01
GEH 140 ES	GEH 140 ES-2RS	GE140-FO-2RS	140	230	130	80	200	1	1	16	1360	6800	19.01
GEH 160 ES	GEH 160 ES-2RS	GE160-FO-2RS	160	260	135	80	225	1.1	1.1	16	1530	7650	20.02
GEH 180 ES	GEH 180 ES-2RS	GE180-FO-2RS	180	290	155	100	250	1.1	1.1	14	2120	10600	32.21
GEH 200 ES	GEH 200 ES-2RS	GE200-FO-2RS	200	320	165	100	275	1.1	1.1	15	2320	11600	45.28
GEH 220 ES	GEH 220 ES-2RS	GE220-FO-2RS	220	340	175	100	300	1.1	1.1	16	2550	12700	51.12
GEH 240 ES	GEH 240 ES-2RS	GE240-FO-2RS	240	370	190	110	325	1.1	1.1	15	3030	15190	65.12
GEH 260 ES	GEH 260 ES-2RS	GE260-FO-2RS	260	400	205	120	350	1.1	1.1	15	3570	17850	82.44
GEH 280 ES	GEH 280 ES-2RS	GE280-FO-2RS	280	430	210	120	375	1.1	1.1	15	3800	19100	97.21

Requiring maintenance, steel-on-steel, extended inner ring-GEG..ES (GE LO)



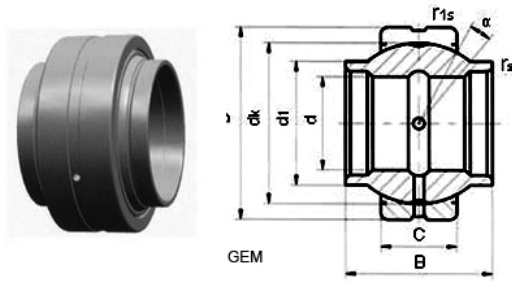
Material

Ball: Chrome Steel GCr15,heat treated,phosphoate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosphoate-treated

Bearing No.		Dimension (mm)								Load rating (KN)		Mass
	INA	d	D	B	C	dk	rsmín	rlsmín	a	Cr	Cor	(kg)
GEG 12 ES	GE12-LO	12	22	12	7	18	0.3	0.3	4	10	53	0.022
GEG 15 ES	GE15-LO	15	26	15	9	22	0.3	0.3	5	16	84	0.031
GEG 16 ES	GE16-LO	16	28	16	9	23	0.3	0.3	4	17	85	0.035
GEG 17 ES	GE17-LO	17	30	17	10	25	0.3	0.3	7	21	106	0.044
GEG 20 ES	GE20-LO	20	35	20	12	29	0.3	0.3	4	30	146	0.071
GEG 25 ES	GE25-LO	25	42	25	16	35.5	0.6	0.6	4	48	240	0.131
GEG 30 ES	GE30-LO	30	47	30	18	40.7	0.6	0.6	4	62	310	0.168
GEG 32 ES	GE32-LO	32	52	32	18	43	0.6	1	4	65	328	0.182
GEG 35 ES	GE35-LO	35	55	35	20	47	0.6	1	4	79	399	0.253
GEG 40 ES	GE40-LO	40	62	40	22	53	0.6	1	4	99	495	0.338
GEG 45 ES	GE45-LO	45	68	45	25	60	0.6	1	4	127	637	0.481
GEG 50 ES	GE50-LO	50	75	50	28	66	0.6	1	4	156	780	0.558
GEG 60 ES	GE60-LO	60	90	60	36	80	1	1	4	245	1220	1.15
GEG 63 ES	GE63-LO	63	95	63	36	83	1	1	4	253	1260	1.25
GEG 70 ES	GE70-LO	70	105	70	40	92	1	1	4	313	1560	1.71
GEG 80 ES	GE80-LO	80	120	80	45	105	1	1	4	400	2000	2.39
GEG 90 ES	GE90-LO	90	130	90	50	115	1	1	4	488	2440	3.21
GEG 100 ES	GE100-LO	100	150	100	55	130	1	1	4	607	3030	4.79
GEG 110 ES	GE110-LO	110	160	110	55	140	1	1	4	654	3270	5.78
GEG 125 ES	GE125-LO	125	180	125	70	160	1	1	4	950	4750	8.49
GEG 160 ES	GE160-LO	160	230	160	80	200	1	1	4	1360	6800	16.5
GEG 200 ES	GE200-LO	200	290	200	100	250	1.1	1.1	4	2120	10600	32.1
GEG 250 ES	GE250-LO	250	400	250	120	350	1.1	1.1	4	3750	17800	99.1
GEG 320 ES	GE320-LO	320	520	320	160	450	1.1	1.1	4	6200	30500	225

Requiring maintenance, steel-on-steel, extended inner ring-GEM..ES-2RS (GE..HO-2RS)



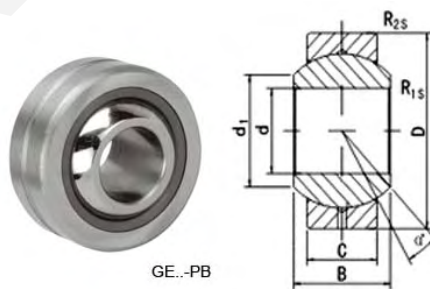
Material

Ball: Chrome Steel GCr15,heat treated,phosohate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosohate-treated

Bearing No. Interchange		Dimension (mm)								Load rating (KN)		Mass
No.	INA	d	D	B	C	dk	rs	r1s	α	Cr	Cor	(kg)
GEM 20 ES-2RS	GE-20-HO-2RS	20	35	24	12	29	0.3	0.3	6	30	146	0.073
GEM 25 ES-2RS	GE-25-HO-2RS	25	42	29	16	35.5	0.3	0.6	4	48	240	0.13
GEM 30 ES-2RS	GE-30-HO-2RS	30	47	30	18	40.7	0.3	0.6	4	62	310	0.17
GEM 35 ES-2RS	GE-35-HO-2RS	35	55	35	20	47	0.6	1	4	79	399	0.25
GEM 40 ES-2RS	GE-40-HO-2RS	40	62	38	22	53	0.6	1	4	99	495	0.35
GEM 45 ES-2RS	GE-45-HO-2RS	45	68	40	25	60	0.6	1	4	127	637	0.49
GEM 50 ES-2RS	GE-50-HO-2RS	50	75	43	28	66	0.6	1	4	156	780	0.6
GEM 60 ES-2RS	GE-60-HO-2RS	60	90	54	36	80	0.6	1	3	245	1220	1.15
GEM 70 ES-2RS	GE-70-HO-2RS	70	105	65	40	92	0.6	1	4	313	1560	1.65
GEM 80 ES-2RS	GE-80-HO-2RS	80	120	74	45	105	0.6	1	4	400	2000	2.5

Requiring maintenance, steel-on-steel-GE..-PB



Material

Ball: Chrome Steel GCr15,heat treated,phosohate-treated

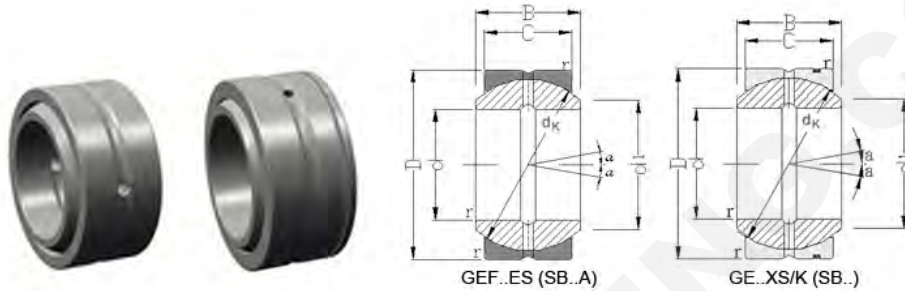
Outer ring: Carbon steel

Bearing No.	Dimension (mm)								Load rating(KN)		Mass
	d	D	B	C	d1	r1min	r2min	α	Cor	Cor	(kg)
GE5-PB	5	13	8	6	7.7	0.3	0.3	13	3.2	9	0.007
GE6-PB	6	16	9	6.75	9	0.3	0.3	13	4.1	12	0.01
GE8-PB	8	19	12	9	10.4	0.3	0.3	13	6.5	20	0.016
GE10-PB	10	22	14	10.5	12.9	0.3	0.6	13	9.6	28	0.031
GE12-PB	12	26	16	12	15.4	0.3	0.6	13	12	37	0.055

Spherical plain bearings

GE14-PB	14	28	19	13.5	16.9	0.3	0.6	15	16	49	0.078
GE16-PB	16	32	21	15	19.4	0.3	0.6	15	20	61	0.095
GE18-PB	18	35	23	16.5	21.9	0.3	0.6	15	25	74	0.14
GE20-PB	20	40	25	18	24.4	0.3	0.6	15	30	89	0.18
GE22-PB	22	42	28	20	25.8	0.3	0.6	15	36	108	0.21
GE25-PB	25	47	31	22	29.6	0.6	0.6	15	45	130	0.35
GE30-PB	30	55	37	25	34.8	0.6	0.6	15	61	178	0.56

Requiring maintenance, steel-on-steel-GEF..ES (SB..A)



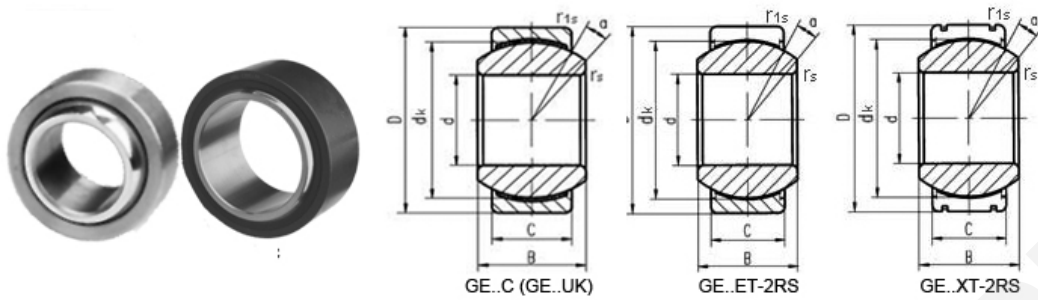
Material

Ball: Chrome Steel GCr15,heat treated,phosphate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosphate-treated

Bearing No.				Dimension (mm)							Load rating(KN)		Mass
	Split.	IKO	Split	d	D	B	C	K	r	a	Cr	Cor	(kg)
GEF12ES	GE12XS/K	SB12A	SB122211	12	22	11	9	18	0.3	7	1.62	9.72	0.019
GEF15ES	GE15XS/K	SB15A	SB152613	15	26	13	11	22	0.3	6	2.42	14.5	0.028
GEF20ES	GE20XS/K	SB20A	SB203216	20	32	16	14	28	0.3	4	3.92	23.5	0.053
GEF22ES	GE22XS/K	SB22A	SB223719	22	37	19	16	32	0.3	6	5.12	30.7	0.085
GEF25ES	GE25XS/K	SB25A	SB254221	25	42	21	18	36	0.3	5	6.48	38.9	0.116
GEF30ES	GE30XS/K	SB30A	SB305027	30	50	27	23	45	0.6	6	10.4	62.1	0.225
GEF35ES	GE35XS/K	SB35A	SB355530	35	55	30	26	50	0.6	5	13	78	0.302
GEF40ES	GE40XS/K	SB40A	SB406233	40	62	33	28	55	0.6	6	15.4	92.4	0.375
GEF45ES	GE45XS/K	SB45A	SB457236	45	72	36	31	62	0.6	5	19.2	115	0.598
GEF50ES	GE50XS/K	SB50A	SB508042	50	80	42	36	72	0.6	5	25.9	156	0.869
GEF55ES	GE55XS/K	SB55A	SB559047	55	90	47	40	80	0.6	5	32	192	1.26
GEF60ES	GE60XS/K	SB60A	SB6010053	60	100	53	45	90	0.6	6	40.5	243	1.72
GEF65ES	GE65XS/K	SB65A	SB6510555	65	105	55	47	94	0.6	5	44.2	265	2.05
GEF70ES	GE70XS/K	SB70A	SB7011058	70	110	58	50	100	0.6	5	50	300	2.23
GEF75ES	GE75XS/K	SB75A	SB7512064	75	120	64	55	110	0.6	5	60.5	363	3.01
GEF80ES	GE80XS/K	SB80A	SB8013070	80	130	70	60	120	0.6	5	72	432	3.98
GEF85ES	GE85XS/K	SB85A	SB8513574	85	135	74	63	125	0.6	6	78.8	47.3	4.31
GEF90ES	GE90XS/K	SB90A	SB9014076	90	140	76	65	130	0.6	5	84.5	507	4.72
GEF95ES	GE95XS/K	SB95A	SB9515082	95	150	82	70	140	0.6	5	98	588	6.05
GEF100ES	GE100XS/K	SB100A	SB10016088	100	160	88	75	150	1	5	113	675	7.43
GEF110ES	GE110XS/K	SB110A	SB11017093	110	170	93	80	160	1	5	128	768	8.54
GEF115ES	GE115XS/K	SB115A	SB11518098	115	180	98	85	165	1	5	140	842	10.3
GEF120ES	GE120XS/K	SB120A	SB120190105	120	190	105	90	175	1	5	158	945	12.4
GEF130ES	GE130XS/K	SB130A	SB130200110	130	200	110	95	185	1	5	176	1050	13.8
GEF150ES	GE150XS/K	SB150A	SB150220120	150	220	120	105	205	1	5	215	1290	17

Maintenance free-GE C (GE UK),GE..UK-2RS



Material

Ball: Chrome Steel GCr15,heat treated,hard chrome plated

Liner:PTFE

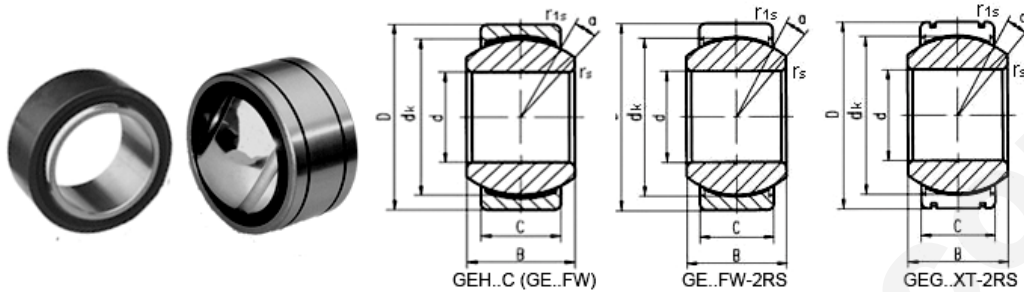
Outer ring: Chrome Steel Gcr15 or C45 steel

Bearing No.		Dimension (mm)								Load rating (KN)		Mass
	INA	d	D	B	C	dk	r1min	r2min	a	Cr	Cor	(kg)
GE 4 C	GE4UK	4	12	5	3	8	0.3	0.3	16	2.1	5.4	0.003
GE 5 C	GE5UK	5	14	6	4	10	0.3	0.3	13	3.6	9.1	0.005
GE 6 C	GE6UK	6	14	6	4	10	0.3	0.3	13	3.6	9.1	0.004
GE 8 C	GE8UK	8	16	8	5	13	0.3	0.3	15	5.8	14	0.008
GE 10 C	GE10UK	10	19	9	6	16	0.3	0.3	12	8.6	21	0.011
GE 12 C	GE12UK	12	22	10	7	18	0.3	0.3	10	11	28	0.015
GE 15 C	GE15UK	15	26	12	9	22	0.3	0.3	8	18	45	0.027
GE 17 C	GE17UK	17	30	14	10	25	0.3	0.3	10	22	56	0.041
GE 20 C	GE20UK	20	35	16	12	29	0.3	0.3	9	31	78	0.066
GE 25 C	GE25UK	25	42	20	16	35.5	0.6	0.6	7	51	127	0.119
GE 30 C	GE30UK	30	47	22	18	40.7	0.6	0.6	6	65	166	0.163
GE15ET-2RS	GE15-UK-2RS	15	26	12	9	22	0.3	0.3	8	23	47	0.027
GE17ET-2RS	GE17-UK-2RS	17	30	14	10	25	0.3	0.3	10	30	60	0.041
GE20ET-2RS	GE20-UK-2RS	20	35	16	12	29	0.3	0.3	9	42	83	0.066
GE25ET-2RS	GE25-UK-2RS	25	42	20	16	35.5	0.6	0.6	7	68	137	0.119
GE30ET-2RS	GE30-UK-2RS	30	47	22	18	40.7	0.6	0.6	6	88	176	0.153
GE35ET-2RS	GE35-UK-2RS	35	55	25	20	47	0.6	1	6	112	224	0.233
GE40ET-2RS	GE40-UK-2RS	40	62	28	22	53	0.6	1	7	140	280	0.306
GE45ET-2RS	GE45-UK-2RS	45	68	32	25	60	0.6	1	7	180	360	0.427
GE50ET-2RS	GE50-UK-2RS	50	75	35	28	66	0.6	1	6	220	440	0.546
GE55ET-2RS	GE55-UK-2RS	55	85	40	32	74	0.6	1	7	284	573	0.939
GE60ET-2RS	GE60-UK-2RS	60	90	44	36	80	1	1	6	345	695	1.04
GE70ET-2RS	GE70-UK-2RS	70	105	49	40	92	1	1	6	440	880	1.55
GE80ET-2RS	GE80-UK-2RS	80	120	55	45	105	1	1	6	567	1140	2.31
GE90ET-2RS	GE90-UK-2RS	90	130	60	50	115	1	1	5	690	1370	2.75
GE100ET-2RS	GE100-UK-2RS	100	150	70	55	130	1	1	7	858	1730	4.45
GE110ET-2RS	GE110-UK-2RS	110	160	70	55	140	1	1	6	924	1860	4.82
GE120ET-2RS	GE120-UK-2RS	120	180	85	70	160	1	1	6	1340	2700	8.05
GE140XT-2RS	GE140-UK-2RS	140	210	90	70	180	1	1	7	1500	3000	11.02
GE160XT-2RS	GE160-UK-2RS	160	230	105	80	200	1	1	8	1920	3800	14.01
GE180XT-2RS	GE180-UK-2RS	180	260	105	80	225	1.1	1.1	6	2160	4300	18.65
GE200XT-2RS	GE200-UK-2RS	200	290	130	100	250	1.1	1.1	7	3000	6000	28.03
GE220XT-2RS	GE220-UK-2RS	220	320	135	100	275	1.1	1.1	8	3300	6550	35.51
GE240XT-2RS	GE240-UK-2RS	240	340	140	100	300	1.1	1.1	8	3600	7200	39.91
GE260XT-2RS	GE260-UK-2RS	260	370	150	110	325	1.1	1.1	7	4290	8650	51.54

Spherical plain bearings

GE280XT-2RS	GE280-UK-2RS	280	400	155	120	350	1.1	1.1	6	5000	10000	65.06
GE300XT-2RS	GE300-UK-2RS	300	430	165	120	375	1.1	1.1	7	5400	10800	78.07

Maintenance free-GEH..C (GE..FW), GEG..ET-2RS (GE..FW-2RS)



Material

Ball: Chrome Steel GCr15, heat treated, hard chrome plated, Outer ring: Chrome Steel Gcr15

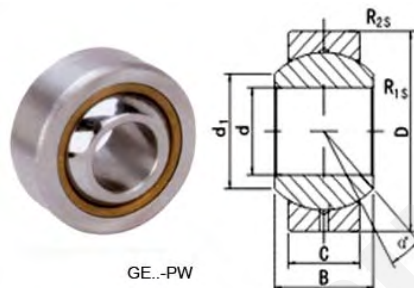
Liner: PTFE

Bearing No.		Dimension (mm)								Load rating (KN)		Mass
INA		d	D1	B	C	dk	r1 min	r2 min	a	Cr	Cor	(kg)
GEH 4 C	GE4-FW	4	14	7	4	10	0.3	0.3	20	3.6	9.1	0.005
GEH 5 C	GE5-FW	5	16	9	5	10	0.3	0.3	21	5.8	14	0.008
GEH 6 C	GE6-FW	6	16	9	5	13	0.3	0.3	21	5.8	14	0.006
GEH 8 C	GE8-FW	8	19	11	6	16	0.3	0.3	21	8.6	21	0.014
GEH 10 C	GE10-FW	10	22	12	7	18	0.3	0.3	18	11	28	0.021
GEH 12 C	GE12-FW	12	26	15	9	22	0.3	0.3	18	18	45	0.033
GEH 15 C	GE15-FW	15	30	16	10	25	0.3	0.3	16	30	60	0.049
GEH 17 C	GE17-FW	17	35	20	12	29	0.3	0.3	19	42	83	0.083
GEH 20 C	GE20-FW	20	42	25	16	35.5	0.3	0.6	17	68	137	0.153
GEH 25 C	GE25-FW	25	47	28	18	40.7	0.6	0.6	17	88	176	0.203
GEG30-ET-2RS	GE30-FW-2RS	30	55	32	20	47	0.6	1	17	112	224	0.304
GEG35-ET-2RS	GE35-FW-2RS	35	62	35	22	53	0.6	1	16	140	280	0.408
GEG40-ET-2RS	GE40-FW-2RS	40	68	40	25	60	0.6	1	17	180	360	0.542
GEG45-ET-2RS	GE45-FW-2RS	45	75	43	28	66	0.6	1	15	220	440	0.713
GEG50-ET-2RS	GE50-FW-2RS	50	90	56	36	80	0.6	1	17	345	695	1.14
GEG60-ET-2RS	GE60-FW-2RS	60	105	63	40	92	1	1	17	440	880	2.05
GEG70-ET-2RS	GE70-FW-2RS	70	120	70	45	105	1	1	16	567	1140	3.01
GEG80-ET-2RS	GE80-FW-2RS	80	130	75	50	115	1	1	14	690	1370	3.64
GEG90-ET-2RS	GE90-FW-2RS	90	150	85	55	130	1	1	15	858	1730	5.22
GEG100-ET-2RS	GE100-FW-2RS	100	160	85	55	140	1	1	14	924	1860	6.05
GEG110-ET-2RS	GE110-FW-2RS	110	180	100	70	160	1	1	12	1340	2700	9.68
GEG120-XT-2RS	GE120-FW-2RS	120	210	115	70	180	1	1	16	1500	3000	14.01
GEG140-XT-2RS	GE140-FW-2RS	140	230	130	80	200	1	1	16	1920	3800	19.01
GEG160-XT-2RS	GE160-FW-2RS	160	260	135	80	225	1.1	1.1	16	2160	4300	20.02
GEG180-XT-2RS	GE180-FW-2RS	180	290	155	100	250	1.1	1.1	14	3000	6000	32.21
GEG200-XT-2RS	GE200-FW-2RS	200	320	165	100	275	1.1	1.1	15	3300	6550	45.28
GEG220-XT-2RS	GE220-FW-2RS	220	340	175	100	300	1.1	1.1	16	3600	7200	51.12
GEG240-XT-2RS	GE240-FW-2RS	240	370	190	110	325	1.1	1.1	15	4290	8650	65.12
GEG260-XT-2RS	GE260-FW-2RS	260	400	205	120	350	1.1	1.1	15	5000	10000	82.44
GEG280-XT-2RS	GE280-FW-2RS	280	430	210	120	375	1.1	1.1	15	5400	10800	97.21

Spherical plain bearings

GE140 TXA-2RS	140	210	90	70	180	1	1	7	1500	3000	11.02
GE160 TXA-2RS	160	230	105	80	200	1	1	8	1920	3800	14.01
GE180 TXA-2RS	180	260	105	80	225	1.1	1.1	6	2160	4300	18.65
GE200 TXA-2RS	200	290	130	100	250	1.1	1.1	7	3000	6000	28.03
GE220 TXA-2RS	220	320	135	100	275	1.1	1.1	8	3300	6550	35.51
GE240 TXA-2RS	240	340	140	100	300	1.1	1.1	8	3600	7200	39.91
GE260 TXA-2RS	260	370	150	110	325	1.1	1.1	7	4290	8650	51.54
GE280 TXA-2RS	280	400	155	120	350	1.1	1.1	6	5000	10000	65.06
GE300 TXA-2RS	300	430	165	120	375	1.1	1.1	7	5400	10800	78.07

Maintenance free-GE..PW, PB



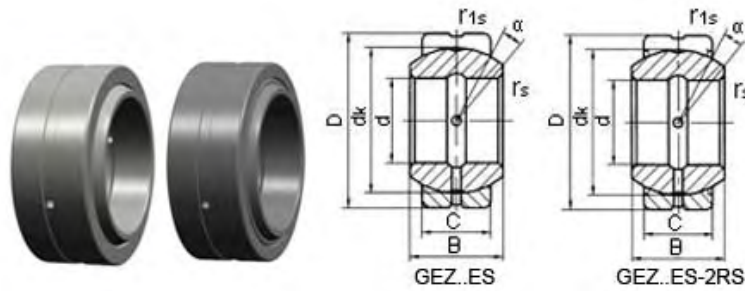
Material

Ball: Chrome Steel GCr15,heat treated,hard chrome plated, Outer ring: Chrome Steel Gcr15

Liner: Bronze

Bearing No.	Dimension (mm)							Load rating (KN)		Mass (kg)	
	d	D	B	C	dk	r1min	r2min	a	Cr		Cor
GE5-PW	5	16	8	6	11.112	0.3	0.3	13	3.3	7.8	0.006
GE6-PW	6	18	9	6.75	12.7	0.3	0.3	13	4.3	9.8	0.01
GE8-PW	8	22	12	9	15.875	0.3	0.3	14	12.9	32	0.017
GE10-PW	10	26	14	10.5	19.05	0.3	0.6	14	10	23	0.027
GE12-PW	12	30	16	12	22.23	0.3	0.6	13	13	31	0.043
GE14-PW	14	34	19	13.5	25.4	0.3	0.6	16	17	40	0.054
GE16-PW	16	38	21	15	28.58	0.3	0.6	15	21	50	0.079
GE18-PW	18	42	23	16.5	31.75	0.3	0.6	15	26	61	0.10
GE20-PW	20	46	25	18	34.93	0.3	0.6	15	31	73	0.15
GE22-PW	22	50	28	20	38.1	0.3	0.6	15	38	88	0.18
GE25-PW	25	56	31	22	42.86	0.6	0.6	15	47	110	0.24
GE28-PW	28	62	35	25	47.63	0.6	0.6	15	59	138	0.38
GE30-PW	30	66	37	25	50.8	0.6	0.6	17	63	148	0.61
PB5	5	16	8	6	11.112	0.3	0.3	13	3.3	7.8	0.009
PB6	6	18	9	6.75	12.7	0.3	0.3	13	4.3	9.8	0.013
PB10	10	26	14	10.5	19.05	0.3	0.6	14	10	23	0.039
PB12	12	30	16	12	22.23	0.3	0.6	13	13	31	0.058
PB14	14	34	19	13.5	25.4	0.3	0.6	16	17	40	0.084
PB16	16	38	21	15	28.58	0.3	0.6	15	21	50	0.111
PB18	18	42	23	16.5	31.75	0.3	0.6	15	26	61	0.16
PB20	20	46	25	18	34.93	0.3	0.6	15	31	73	0.21
PB22	22	50	28	20	38.1	0.3	0.6	15	38	88	0.26
PB25	25	56	31	22	42.86	0.6	0.6	15	47	110	0.39
PB28	28	62	35	25	47.63	0.6	0.6	15	59	138	0.53
PB30	30	66	37	25	50.8	0.6	0.6	17	63	148	0.61

Inch size-Requiring maintenance, steel-on-steel-GEZ..ES-2RS (GE..ZO)



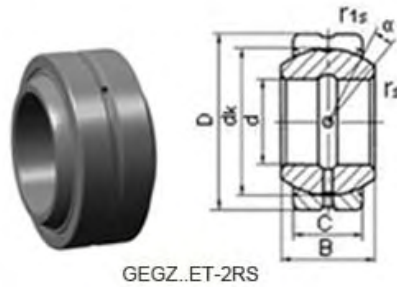
Material

Ball: Chrome Steel GCr15,heat treated,phosphated-treated

Outer ring: Chrome Steel GCr15,heat treated,phosphated-treated

Bearing		Dimension (mm)								Load rating (N)		Mass
No.		d	D	B	C	dk	rmin	rlsmin	a	Cr	Cor	(kg)
GEZ 12 ES	GE12-ZO	12.7	22.225	11.1	9.525	18	0.15	0.6	6	13	41	0.022
GEZ 15 ES	GE15-ZO	15.875	26.988	13.894	11.913	23	0.15	0.6	6	22	65	0.036
GEZ 19 ES-2RS	GE19-ZO-2RS	19.05	31.75	16.662	14.275	27.5	0.3	0.6	6	31	95	0.053
GEZ 22 ES-2RS	GE22-ZO-2RS	22.225	36.513	19.431	16.662	32	0.3	0.6	6	42	127	0.085
GEZ 25 ES-2RS	GE25-ZO-2RS	25.4	41.275	22.225	19.05	36.5	0.3	0.6	6	56	166	0.121
GEZ 31 ES-2RS	GE31-ZO-2RS	31.75	50.8	27.762	23.8	45.5	0.6	0.6	6	86	260	0.23
GEZ 34 ES 2RS	GE34-ZO-2RS	34.925	55.563	30.15	26.187	49	0.6	1	6	102	310	0.35
GEZ 38 ES-2RS	GE38-ZO-2RS	38.1	61.913	33.325	28.575	54.7	0.6	1	6	125	375	0.42
GEZ 44 ES-2RS	GE44-ZO-2RS	44.45	71.438	38.887	33.325	63.9	0.6	1	6	170	510	0.64
GEZ 50 ES-2RS	GE50-ZO-2RS	50.8	80.963	44.45	38.1	73	0.6	1	6	224	670	0.93
GEZ 57 ES-2RS	GE57-ZO-2RS	57.15	90.488	50.013	42.85	82	0.6	1	6	280	850	1.3
GEZ 63 ES-2RS	GE63-ZO-2RS	63.5	100.013	55.55	47.625	92	1	1	6	355	1060	1.85
GEZ 69 ES-2RS	GE69-ZO-2RS	69.85	111.125	61.112	52.375	100	1	1	6	415	1250	2.4
GEZ 76 ES-2RS	GE76-ZO-2RS	76.2	120.65	66.675	57.15	109.5	1	1	6	500	1500	3.1
GEZ 82 ES-2RS	GE82-ZO-2RS	82.55	130.175	72.238	61.9	119	1	1	6	585	1760	3.8
GEZ 88 ES-2RS	GE88-ZO-2RS	88.9	139.7	77.775	66.675	128	1	1	6	680	2040	4.8
GEZ 95 ES-2RS	GE95-ZO-2RS	95.25	149.225	83.337	71.425	137	1	1	6	780	2360	5.8
GEZ 101 ES-2RS	GE101-ZO-2RS	101.6	158.75	88.9	76.2	146	1	1	6	900	2650	7
GEZ 107 ES-2RS	GE107-ZO-2RS	107.95	168.275	94.463	80.95	155	1	1	6	1000	3000	8.41
GEZ 114 ES-2RS	GE114-ZO-2RS	114.3	177.8	100.013	85.725	164.5	1	1	6	1120	3400	9.8
GEZ 120 ES-2RS	GE120-ZO-2RS	120.65	187.325	105.562	90.475	173.5	1	1	6	1250	3750	11.5
GEZ 127 ES-2RS	GE127-ZO-2RS	127	196.85	111.125	95.25	183	1	1	6	1400	4150	13.5
GEZ 152 ES-2RS	GE152-ZO-2RS	152.4	222.25	120.65	104.775	207	1	1	5	1730	5200	17.5

Inch size-Requiring maintenance, steel-on-steel-GEGZ..ET-2RS



GEGZ..ET-2RS

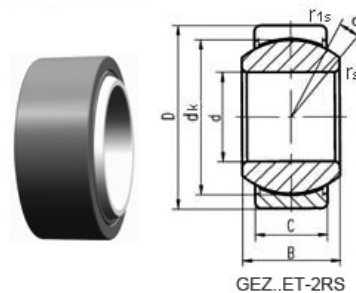
Material

Ball: Chrome Steel GCr15,heat treated,phosphate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosphate-treated

Bearing No.	Dimension (mm)								Load rating(KN)		Mass (kg)
	d	D	B	C	dk	r1min	r2min	α	Cr	Cor	
GEGZ31ES-2RS	31.75	61.913	35.306	28.575	54.7	0.6	1	15	125	375	0.454
GEGZ38ES-2RS	38.1	71.438	40.132	33.325	63.9	0.6	1	14	170	510	0.726
GEGZ44ES-2RS	44.45	80.963	46.228	38.1	73	0.6	1	14	224	670	1.14
GEGZ57ES-2RS	57.15	100.013	58.877	47.625	92	0.6	1	14	355	1060	2.01
GEGZ63ES-2RS	63.5	111.125	64.643	52.375	100	1	1	14	415	1250	2.95
GEGZ69ES-2RS	69.85	120.65	70.866	57.15	109.5	1	1	14	500	1500	3.63
GEGZ76ES-2RS	76.2	130.175	76.759	61.9	119	1	1	14	585	1760	4.36
GEGZ82ES-2RS	82.55	139.7	82.931	66.675	128	1	1	14	680	2040	5.31
GEGZ88ES-2RS	88.9	149.225	90.424	71.425	137	1	1	14	780	2360	6.81
GEGZ95ES-2RS	95.25	158.75	94.945	76.2	146	1	1	14	900	2650	8.85
GEGZ101ES-2RS	101.6	177.8	107.315	85.725	164.5	1	1	10	1120	3400	10.2
GEGZ114ES-2RS	114.3	196.85	119.126	95.25	183	1	1	10	1400	4150	13.6
GEGZ139ES-2RS	139.7	222.25	125.73	104.775	207	1	1	9	1730	5200	20.4

Inch size-Maintenance-free -GEZ..ET-2RS



GEZ..ET-2RS

Material

Ball: Chrome Steel GCr15,heat treated,hard chrome plated Outer ring: Chrome Steel Gcr15 or C45 steel

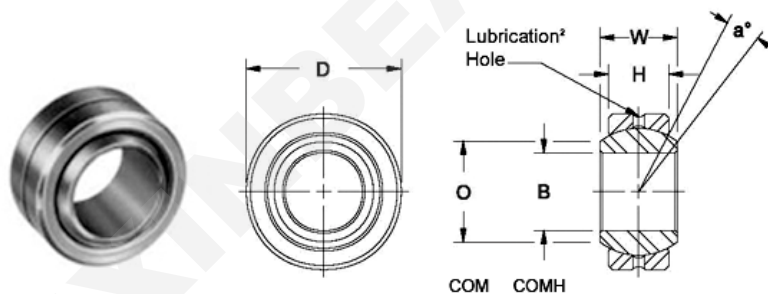
Liner: PTFE

Bearing No.	Dimension (mm)								Load rating(KN)		Mass (kg)
	d	D	B	C	dk	rs	r1s	α	Cr	Cor	
GEZ 19 ET-2RS	19.05	31.75	16.662	14.275	27.5	0.3	0.6	6	45	92	0.053
GEZ 22 ET-2RS	22.225	36.513	19.431	16.662	32	0.3	0.6	6	62	124	0.085

Spherical plain bearings

GEZ 25 ET-2RS	25.4	41.275	22.225	19.05	36.5	0.3	0.6	6	81	163	0.121
GEZ 31 ET-2RS	31.75	50.8	27.762	23.8	45.5	0.6	0.6	6	130	262	0.23
GEZ 34 ET-2RS	34.925	55.563	30.15	26.187	49	0.6	1	6	154	310	0.35
GEZ 38 ET-2RS	38.1	61.913	33.325	28.575	54.7	0.6	1	6	181	366	0.42
GEZ 44 ET-2RS	44.45	71.438	38.887	33.325	63.9	0.6	1	6	255	515	0.64
GEZ 50 ET-2RS	50.8	80.963	44.45	38.1	73	0.6	1	6	334	670	0.93
GEZ 57 ET-2RS	57.15	90.488	50.013	42.85	82	0.6	1	6	421	850	1.3
GEZ 63 ET-2RS	63.5	100.013	55.55	47.625	92	1	1	6	525	1060	1.85
GEZ 69 ET-2RS	69.85	111.125	61.112	52.375	100	1	1	6	628	1267	2.4
GEZ 76 ET-2RS	76.2	120.65	66.675	57.15	109.5	1	1	6	751	1514	3.1
GEZ 82 ET-2RS	82.55	130.175	72.238	61.9	119	1	1	6	884	1780	3.8
GEZ 88 ET-2RS	88.9	139.7	77.775	66.675	128	1	1	6	1024	2065	4.8
GEZ 95 ET-2RS	95.25	149.225	83.337	71.425	137	1	1	6	1170	2368	5.8
GEZ 101 ET-2RS	101.6	158.75	88.9	76.2	146	1	1	6	1335	2690	7
GEZ 107 ET-2RS	107.95	168.275	94.463	80.95	155	1	1	6	1500	3030	8.41
GEZ 114 ET-2RS	114.3	177.8	100.013	85.725	164.5	1	1	6	1690	3400	9.8
GEZ 120 ET-2RS	120.65	187.325	105.562	90.475	173.5	1	1	6	1880	3790	11.5
GEZ 127 ET-2RS	127	196.85	111.125	95.25	183	1	1	6	2090	4210	13.5
GEZ 152 ET-2RS	152.4	222.25	120.65	104.775	207	1	1	5	2600	5240	17.5

Inch size-commercial Series / PTFE Liners Available-COM (COMH)



Material

Ball: Chrome Steel GCr15(52100),heat treated,chrome plated

Race: Chrome Steel GCr15(52100),or C45 steel,or alternative materials available

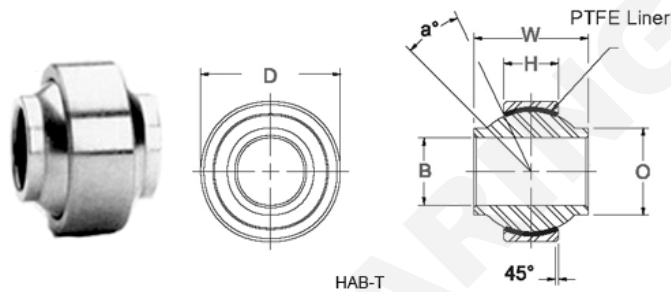
Liner: PTFE available,add "T" as suffix

Bearing No.	B	D	W	H	O	BALL	F	a	Load	Mass
	0.01-0.01	0-0.0007	0.005-0.005	0.005-0.005	REF.	REF.	REF.	REF.	(lbs)	(lbs)
COM3	0.19	0.5625	0.281	0.218	0.293	0.406	0.015	11	3250	0.014
COM4	0.25	0.6562	0.343	0.25	0.364	0.5	0.022	13.5	4950	0.022
COM5	0.3125	0.75	0.375	0.281	0.419	0.562	0.032	12	6475	0.03
COM6	0.375	0.8125	0.406	0.312	0.516	0.656	0.032	10	8400	0.038
COM7	0.4375	0.9062	0.437	0.343	0.53	0.687	0.032	8	9453	0.047
COM8	0.5	1	0.5	0.39	0.6	0.781	0.032	9.5	13250	0.065
COM8-101	0.5	1	1	0.39	0.6	0.781	0.032	9.5	13250	0.065
COM9	0.5625	1.0937	0.562	0.437	0.671	0.875	0.032	9.5	16630	0.086
COM10	0.625	1.1875	0.625	0.5	0.739	0.968	0.032	8.5	21280	0.11

Spherical plain bearings

COM12	0.75	1.4375	0.75	0.593	0.92	1.187	0.044	9	31920	0.204
COM12T-3R**	0.75	1.4375	0.75	0.593	0.92	1.187	0.044	9	31920	0.204
COM14	0.875	1.5625	0.875	0.703	0.98	1.312	0.044	9.5	41960	0.263
COM16	1	1.75	1	0.797	1.118	1.5	0.044	10	55200	0.386
COMH16***	1	2	1	0.781	1.36	1.687	0.032	9	70820	0.553
COMH19***	1.1875	2.375	1.187	0.937	1.61	2	0.032	8.5	100730	0.895
COMH20***	1.25	2.375	1.187	0.937	1.61	2	0.032	8.5	100730	0.895
COMH24***	1.5	2.75	1.375	1.094	1.86	2.312	0.032	8.5	135950	1.358
COMH28***	1.75	3.125	1.562	1.25	2.11	2.625	0.044	8	176370	1.948
COMH32***	2	3.5	1.75	1.375	2.36	2.937	0.044	8.5	217060	2.65

Inch size-high Misalignment Series Spherical Bearings-HIN-T(HAB-T)



Material

Ball: Chrome Steel CGr15(52100),heat treated,hard chrome plated

Liner: PTFE

Outer ring: Chrome Steel CGr15(52100) or C45 steel,or alternative materials available

Bearing No.		B	D	W	H	O	BALL	F	a	Load	Mass
No.	AURORA	0-0.0005	0-0.0005	0.005-0.005	0-0.005	Ref.	Ref.	Ref.	Ref.	(lbs)	(lbs)
HIN4T	HAB4T	0.25	0.74	0.593	0.255	0.02	0.39	0.593	24	7.56	0.036
HIN5T	HAB5T	0.3125	0.906	0.813	0.345	0.03	0.512	0.781	23	16.975	0.078
HIN6T	HAB6T	0.375	0.906	0.813	0.345	0.512	0.781	0.03	23	16983	0.068
HIN7T	HAB7T	0.4375	1	0.875	0.345	0.618	0.875	0.03	22	19032	0.095
HIN8T	HAB8T	0.5	1.125	0.937	0.401	0.73	1	0.03	20	25275	0.16
HIN10T	HAB10T	0.625	1.375	1.2	0.567	0.856	1.25	0.03	20	44652	0.245
HIN12T	HAB12T	0.75	1.5625	1.28	0.62	0.97	1.375	0.035	18	53716	0.315
HIN14T	HAB14T	0.875	1.75	1.4	0.63	0.039	1.14	1.531	18	72.424	0.436

Angular contact spherical plain bearings GAC..S (GE..SX)



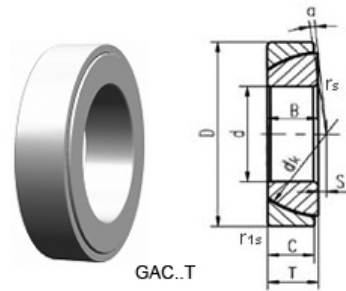
Material

Ball: Chrome Steel GCr15,heat treated,phosphoate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosphoate-treated

Bearing No.		Dimension (mm)										Load rating (KN)		Mass
INA		d	D	B	C	T	dk	S	A	rsmin	a	Cr	Cor	(kg)
GAC25S	GE25-SX	25	47	15	14	15	42	1	7.5	1	3.5	50	250	0.148
GAC28S	GE28-SX	28	52	16	15	16	47	1	8	1	3	60	300	0.186
GAC30S	GE30-SX	30	55	17	15	17	50	1	8.5	1	3	63	315	0.208
GAC32S	GE32-SX	32	58	17	16	17	52	2	8.5	1	3	71	354	0.241
GAC35S	GE35-SX	35	62	18	16	18	56	2	9	1	3	78	390	0.268
GAC40S	GE40-SX	40	68	19	17	19	62	3	9.5	1	3	92	463	0.327
GAC45S	GE45-SX	45	75	20	18	20	69	4	10	1	3	108	540	0.416
GAC50S	GE50-SX	50	80	20	19	20	74	4	10	1	3	123	618	0.455
GAC55S	GE55-SX	55	90	23	20	23	82	5	12	1.1	3	144	721	0.645
GAC60S	GE60-SX	60	95	23	21	23	89	6	12	1.1	3	163	817	0.714
GAC65S	GE65-SX	65	100	23	22	23	94	7	12	1.1	2.5	180	905	0.759
GAC70S	GE70-SX	70	110	25	23	25	102	7	13	1.1	2.5	206	1030	1.04
GAC75S	GE75-SX	75	115	25	24	25	107	8	13	1.1	2.5	220	1129	1.12
GAC80S	GE80-SX	80	125	29	25.5	29	115	9	15	1.1	2.5	258	1290	1.54
GAC85S	GE85-SX	85	130	29	26.5	29	122	9	15	1.1	2.5	284	1422	1.61
GAC90S	GE90-SX	90	140	32	28	32	129	10	16	1.5	2.5	316	1580	2.09
GAC95S	GE95-SX	95	145	32	29.5	32	135	11	16	1.5	2.5	350	1750	2.22
GAC100S	GE100-SX	100	150	32	31	32	141	12	16	1.5	2	384	1923	2.34
GAC105S	GE105-SX	105	160	35	32.5	35	148	12	18	2	2	423	2116	2.93
GAC110S	GE110-SX	110	170	38	34	38	155	13	19	2	2	463	2318	3.68
GAC120S	GE120-SX	120	180	38	37	38	168	15	19	2	2	547	2735	3.97
GAC130S	GE130-SX	130	200	45	43	45	188	18	19	2.5	1	710	3550	5.92
GAC140S	GE140-SX	140	210	45	43	45	198	19	19	2.5	1	740	3740	6.33
GAC150S	GE150-SX	150	225	48	46	48	211	20	21	3	1	850	4270	8.01
GAC160S	GE160-SX	160	240	51	49	51	225	20	22	3	1	970	4850	9.42
GAC170S	GE170-SX	170	260	57	55	57	246	21	27	3	1	1190	5950	12.3
GAC180S	GE180-SX	180	280	64	61	64	260	21	28	3	1	1395	6970	17.4
GAC190S	GE190-SX	190	290	64	62	64	275	26	30	3	1.5	1500	7500	18.2
GAC200S	GE200-SX	200	310	70	66	70	290	26	30	3	1	1680	8420	22.5

Angular contact spherical plain bearings GAC..T (GE..SW)



Material

Ball: Chrome Steel GCr15, heat treated, hard chrome plated

Liner: PTFE

Outer ring: Chrome Steel Gcr15 or C45 steel

Bearing No.		Dimension (mm)									Load rating (KN)		Mass
INA	d	D	B	C	T	dk	S	rs	r1s	a	Cr	Cor	(kg)
GAC25T	GE25-SW	25	47	15	14	15	42	0.6	1	2.5	75	149	0.148
GAC28T	GE28-SW	28	52	16	15	16	47	1	1	2	90	179	0.186
GAC30T	GE30-SW	30	55	17	15	17	50	1.3	1	4.5	95	188	0.208
GAC32T	GE32-SW	32	58	17	16	17	52	2	1	2	106	211	0.241
GAC35T	GE35-SW	35	62	18	16	18	56	2.1	1	4	117	234	0.268
GAC40T	GE40-SW	40	68	19	17	19	62	2.8	1	3.5	139	277	0.327
GAC45T	GE45-SW	45	75	20	18	20	69	3.5	1	3	162	324	0.416
GAC50T	GE50-SW	50	80	20	19	20	74	4.3	1	1.5	185	370	0.455
GAC55T	GE55-SW	55	90	23	20	23	82	5	1	4	216	432	0.645
GAC60T	GE60-SW	60	95	23	21	23	89	5.7	1	2.5	245	489	0.714
GAC65T	GE65-SW	65	100	23	22	23	94	6.5	1	1	271	542	0.759
GAC70T	GE70-SW	70	110	25	23	25	102	7.2	1	2	309	618	1.04
GAC75T	GE75-SW	75	115	25	24	25	107	7.9	1	1	339	676	1.12
GAC80T	GE80-SW	80	125	29	26	29	115	8.6	1	3.5	387	772	1.54
GAC85T	GE85-SW	85	130	29	27	29	122	9.4	1	2	426	851	1.61
GAC90T	GE90-SW	90	140	32	28	32	129	10	2	3.5	474	948	2.09
GAC95T	GE95-SW	95	145	32	30	32	135	11	2	2	525	1049	2.22
GAC100T	GE100-SW	100	150	32	31	32	141	12	2	0.5	577	1151	2.34
GAC105T	GE105-SW	105	160	35	33	35	148	12	2	2	634	1267	2.93
GAC110T	GE110-SW	110	170	38	34	38	155	13	2	3	695	1380	3.68
GAC120T	GE120-SW	120	180	38	37	38	168	15	2	0.5	820	1630	3.97
GAC130T	GE130-SW	130	200	45	43	45	188	18	3	1	1060	2130	5.92
GAC140T	GE140-SW	140	210	45	43	45	198	19	3	1	1120	2240	6.33
GAC150T	GE150-SW	150	225	48	46	48	211	20	3	1	1280	2550	8.01
GAC160T	GE160-SW	160	240	51	49	51	225	20	3	1	1445	2900	9.42
GAC170T	GE170-SW	170	260	57	55	57	246	21	3	1	1780	3560	12.3
GAC180T	GE180-SW	180	280	64	61	64	260	21	3	1	2090	4170	17.4
GAC190T	GE190-SW	190	290	64	62	64	275	26	3	0.5	2250	4490	18.2
GAC200T	GE200-SW	200	310	70	66	70	290	26	3	1.5	2520	5040	22.5

Angular contact spherical plain bearings Inch size GACZ..S (GE..SW)



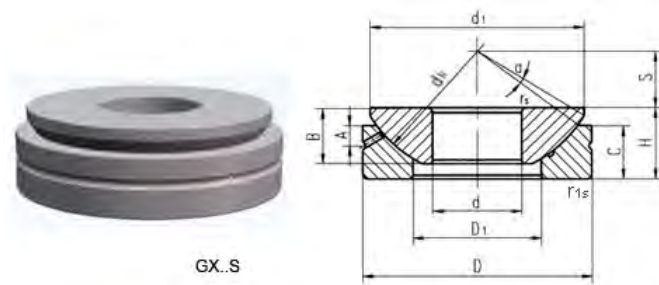
Material

Ball: Chrome Steel GCr15,heat treated,phosphoate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosphoate-treated

Bearing No.	Dimension (mm)										Load rating (KN)		Mass (kg)
	d	D	B	C	T	dk	S	A	rs,rls	α	Cr	Cor	
GACZ12S	12.7	22	6.86	5	7.62	18	1.3	2	0.5	7	6	31	0.013
GACZ15S	15.88	27	8.64	6	9.4	23	1.5	3	0.8	6	10	54	0.025
GACZ19S	19.05	32	10.41	8	11.2	27	1.8	3	1	6	16	83	0.038
GACZ22S	22.23	37	12.19	10	13.2	32	2	4	2	5.5	23	117	0.049
GACZ25S	25.4	41	13.97	11	15.2	37	2.5	5	2	6	30	154	0.085
GACZ31S	31.75	51	17.78	14	18.8	46	3.4	6	2	6	50	251	0.159
GACZ34S	34.93	56	19.56	15	21.3	49	3.7	7	2.5	4	56	282	0.213
GACZ38S	38.1	62	21.34	17	23.1	55	3.9	8	2.5	5.5	70	349	0.301
GACZ44S	44.45	71	24.89	20	27.2	64	4.7	8	2.5	6	99	499	0.458
GACZ50S	50.8	81	28.7	23	31.2	73	5.5	10	3.6	5.5	133	669	0.671
GACZ57S	57.15	90	32.26	27	35.3	82	6.2	12	3.6	5.5	170	854	0.948
GACZ63S	63.5	100	36.07	30	39.1	91	6.8	13	3.6	5	216	1080	1.13
GACZ69S	69.85	111	39.62	32	43.2	100	7.5	13	4.6	5	254	1270	1.75
GACZ76S	76.2	121	43.43	36	47.2	110	8.2	15	4.6	5	307	1536	2.28
GACZ82S	82.55	130	47.24	39	51.6	119	9	17	4.6	5	364	1820	2.89
GACZ88S	88.9	140	50.8	43	55.4	128	9.5	18	4.6	5	427	2130	3.57
GACZ95S	95.25	149	54.61	46	59.4	137	10	19	4.6	4.5	494	2470	4.35
GACZ101S	101.6	159	58.42	49	63.5	146	10	20	4.6	4.5	566	2830	5.26
GACZ114S	114.3	178	65.79	56	71.1	164	12	22	4.6	4.5	729	3640	7.76
GACZ127S	127	197	73.15	62	79.5	183	14	25	4.6	4.5	900	4500	11.07
GACZ152S	152.4	222	78.74	66	85.7	207	16	35	4.6	4.5	1080	5400	17.37

Axial thrust spherical plain bearings GX..S (GE..AX)



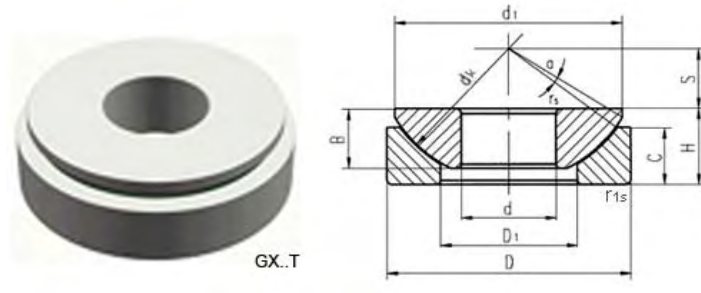
Material

Ball: Chrome Steel GCr15,heat treated,phosohate-treated

Outer ring: Chrome Steel GCr15,heat treated,phosohate-treated

Bearing No.		Dimension (mm)											Load rating (KN)		Mass	
INA	d	D	B	C	H	dk	S	d _{1,max}	D _{1,min}	A	r _{s min}	a	Cr	Cor	(kg)	
GX10S	GE10-AX	10	30	7.5	7	9.5	32	7	27.5	15.5	3	0.6	5	27	136	0.036
GX12S	GE12-AX	12	35	9.5	9.3	13	38	8	32	18	4	0.6	5	37	188	0.072
GX15S	GE15-AX	15	42	11	10.8	15	46	10	39	22.5	5	0.6	6	53	267	0.108
GX17S	GE17-AX	17	47	11.8	11.2	16	52	11	43.5	27	5	0.6	4	61	311	0.137
GX20S	GE20-AX	20	55	14.5	13.8	20	60	12.5	50	31	6	1	5	84	425	0.246
GX25S	GE25-AX	25	62	16.5	16.7	22.5	68	14	58.5	34.5	6	1	5	134	672	0.415
GX30S	GE30-AX	30	75	19	19	26	82	17.5	70	42	8	1	5	182	909	0.614
GX35S	GE35-AX	35	90	22	20.7	28	98	22	84	50.5	8	1	5	266	1330	0.937
GX40S	GE40-AX	40	105	27	21.5	32	114	24.5	97	59	9	1	6	357	1810	1.59
GX45S	GE45-AX	45	120	31	25.5	36.5	128	27.5	110	67	11	1	6	486	2470	2.24
GX50S	GE50-AX	50	130	33	30.5	42.5	139	30	120	70	10	1	6	554	2810	3.14
GX60S	GE60-AX	60	150	37	34	45	160	35	140	84	12.5	1	6	748	3820	4.63
GX70S	GE70-AX	70	160	42	36.5	50	176	35	153	94.5	13.5	1	3	902	4610	5.37
GX80S	GE80-AX	80	180	43.5	38	50	197	42.5	172	107.5	14.5	1	4	1110	5700	6.91
GX100S	GE100-AX	100	210	51	46	59	222	45	198	127	15	1.1	4	1300	6470	10.9
GX120S	GE120-AX	120	230	53.5	50	64	250	52.5	220	145	16.5	1.1	3	1530	7580	13.9
GX140S	GE140-AX	140	260	61	54	72	274	52.5	243	177	23	1.5	3	1820	9040	18.1
GX160S	GE160-AX	160	290	66	58	77	313	65	271	200	23	1.5	2	2100	10440	23.2
GX180S	GE180-AX	180	320	74	62	86	340	67.5	299	225	26	1.5	4	2430	12070	30.9
GX200S	GE200-AX	200	340	80	66	87	365	70	320	247	27	1.5	1	3070	15280	34.2

Axial thrust spherical plain bearings GX..T (GE..AW)



Material

Ball: Chrome Steel GCr15, heat treated, hard chrome plated

Liner: PTFE

Outer ring: Chrome Steel Gcr15 or C45 steel

Bearing No.		Dimension (mm)											Load rating (KN)		Mass
INA		d	D	B	C	H	dk	S	d1	D1	rs	a	Cr	Cor	(kg)
GX10T	GE10-AW	10	30	7.5	7	9.5	32	7	27.5	15.5	0.6	5	45	90	0.036
GX12T	GE12-AW	12	35	9.5	9.3	13	38	8	32	18	0.6	5	65	130	0.072
GX15T	GE15-AW	15	42	11	10.8	15	46	10	39	22.5	0.6	6	95	190	0.108
GX17T	GE17-AW	17	47	11.8	11.2	16	52	11	43.5	27	0.6	4	110	220	0.137
GX20T	GE20-AW	20	55	14.5	13.8	20	60	12.5	50	31	1	5	150	300	0.246
GX25T	GE25-AW	25	62	16.5	16.7	22.5	68	14	58.5	34.5	1	5	245	490	0.415
GX30T	GE30-AW	30	75	19	19	26	82	17.5	70	42	1	5	335	670	0.614
GX35T	GE35-AW	35	90	22	20.7	28	98	22	84	50.5	1	5	490	980	0.973
GX40T	GE40-AW	40	105	27	21.5	32	114	24.5	97	59	1	6	675	1350	1.59
GX45T	GE45-AW	45	120	31	25.5	36.5	128	27.5	110	67	1	6	915	1830	2.24
GX50T	GE50-AW	50	130	33	30.5	42.5	139	30	120	70	1	6	1040	2080	3.14
GX60T	GE60-AW	60	150	37	34	45	160	35	140	84	1	6	1400	2800	4.63
GX70T	GE70-AW	70	160	42	36.5	50	176	35	153	94.5	1	3	1590	3180	5.37
GX80T	GE80-AW	80	180	43.5	38	50	197	42.5	172	107.5	1	4	1960	3920	6.91
GX100T	GE100-AW	100	210	51	46	59	222	45	198	127	1.1	4	2270	4540	10.9
GX120T	GE120-AW	120	230	53.5	50	64	250	52.5	220	145	1.1	3	2560	5120	13.9
GX140T	GE140-AW	140	260	61	54	72	274	52.5	243	177	1.5	3	3050	6100	18.1
GX160T	GE160-AW	160	290	66	58	77	313	65	271	200	1.5	2	3520	6250	23.2
GX180T	GE180-AW	180	320	74	62	86	340	67.5	299	225	1.5	4	4070	7220	30.9
GX200T	GE200-AW	200	340	80	66	87	365	70	320	247	1.5	1	4780	9150	34.2

Interchange table

Bearing Type	China	SKF	INA	IKO	RBC
Spherical plain radial bearing	GEE	GE...E	GE...Do	GE...E	MB...
	GEES	GE...ES		GE...ES	
	GEES-2RS	GE...ES-2RS	GE...DO-2RS	GE...ES-2RS	MB...SS
	GEGE	GEH...ES	GE...FO	GE...G	MBH...
	GEGES			GE...GS	
	GEGES-2RS	GEH...ES-2RS	GE...FO-2RS	GEH...GS-2RS	MBH...SS
	GEEWES	GEG...ES	GE...LO		MB...E
	GEEMES-2RS	GEM...ES-2RS	GE...HO-2RS		MB...ESS
	GEZES	GEZ...ES	GE...ZO	SBB...	B...L
	GEZES-2RS	GEZ...ES-2RS	GE...ZO-2RS	SBB...-2RS	B...LSS
	GEGZES				BH...L
	GEGZES-2RS				BH...LSS
	GEWZES				B...EL
	GEWZES-2RS				B...ELSS
	GEBKS				PB...
	GECXS			GE...DO	
Maintenance-free spherical plain radial bearing	GEC	GE...C	GE...UK		
	GEGC	GEH...C	GE...FW		
	GEET-2RS	GE...TE-2RS	GE...UK-2RS		MB...FSS
	GEXT-2RS	GE...TA-2RS	GE...UK-2RS		MB...LFSS
	GEGET-2RS		GE...FW-2RS		
	GEGXT-2RS		GE...FW-2RS		
	GEZET-2RS		GE...PW		B...LFSS
Angular contact spherical plain bearing	GACS		GE...SX		MB...SA
	GACAS				B...SA
	GACTION		GE...SW		
Axial thrust spherical plain thrust bearings	GXS		GE...AX		
	GXT		GE...AW		