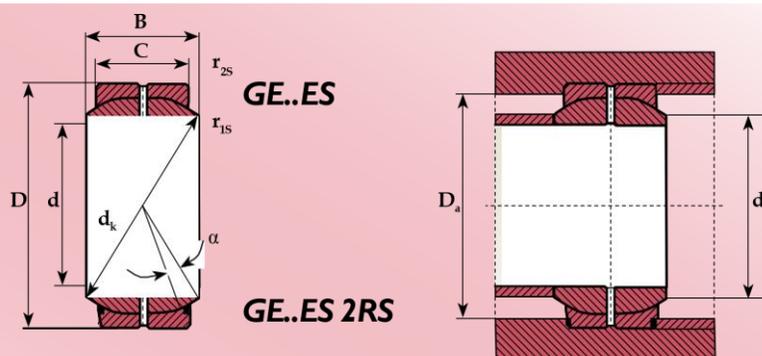


Stainless Steel Radial Spherical Plain Bearings

GE..E/ES(-2RS), with/without seals



Designation		Dimensions (mm.)					Degrees	Mounting dimensions (mm.)		Distance from edges (mm.)		Ratings load		Weight
without seals	with seals	d	dk	B	C	D	$\approx \alpha$	Da max	Da min	r1s min	r2s min	Dynamic C KN	Static Co KN	\approx Kg
GE 4 E	-	4	-	5	3	12	16	6	-	-	-	2	10	0.0033
GE 5 E	-	5	10	6	4	14	13	7	-	-	-	3	17	0.0038
GE 6 E ¹⁾	-	6	10	6	4	14	13	8	9.60	0.30	0.30	3	17	0.0040
GE 8 E ¹⁾	-	8	13	8	5	16	15	10.20	12.50	0.30	0.30	6	28	0.0070
GE 10 E ¹⁾	-	10	16	9	6	19	12	13.20	15.50	0.30	0.30	8	41	0.0110
GE 12 E ¹⁾	-	12	18	10	7	22	11	14.90	17.50	0.30	0.30	11	54	0.0160
GE 15 ES	GE 15 ES 2RS	15	22	12	9	26	8	18.40	21	0.30	0.30	17	85	0.0250
GE 16 ES	GE 16 ES 2RS	16	25	14	10	30	10	20.70	24	0.30	0.30	21	106	0.0380
GE 17 ES	GE 17 ES 2RS	17	25	14	10	30	10	20.70	24	0.30	0.30	21	106	0.0410
GE 20 ES	GE 20 ES 2RS	20	29	16	12	35	9	24.10	27.50	0.60	0.30	30	146	0.0610
GE 25 ES	GE 25 ES 2RS	25	36	20	16	42	7	29.30	33	0.60	0.60	48	240	0.110
GE 30 ES	GE 30 ES 2RS	30	41	22	18	47	6	34.20	38	0.60	0.60	62	310	0.140
GE 35 ES	GE 35 ES 2RS	35	47	25	20	55	6	39.70	44.50	0.60	1	80	400	0.220
GE 40 ES	GE 40 ES 2RS	40	53	28	22	62	7	45	51	0.60	1	100	500	0.300
GE 45 ES	GE 45 ES 2RS	45	60	32	25	68	7	50.70	57	0.60	1	127	640	0.400
GE 50 ES	GE 50 ES 2RS	50	66	35	28	75	6	55.90	63	0.60	1	156	780	0.540
GE 60 ES	GE 60 ES 2RS	60	80	44	36	90	6	66.80	75	1	1	245	1.220	1
GE 70 ES	GE 70 ES 2RS	70	92	49	40	105	6	77.80	87	1	1	315	1.560	1.50
GE 80 ES	GE 80 ES 2RS	80	105	55	45	120	6	89.40	99	1	1	400	2.000	2.20
GE 90 ES	GE 90 ES 2RS	90	115	60	50	130	5	98.10	108	1	1	490	2.450	2.70
GE 100 ES	GE 100 ES 2RS	100	130	70	55	150	7	109.50	123	1	1	610	3.050	4.30
GE 110 ES	GE 110 ES 2RS	110	140	70	55	160	6	121.20	134	1	1	655	3.250	4.70
GE 120 ES	GE 120 ES 2RS	120	160	85	70	180	6	135.50	150	1	1	950	4.750	8
GE 140 ES	GE 140 ES 2RS	140	180	90	70	210	7	155.80	173	1	1	1.080	5.400	11
GE 160 ES	GE 160 ES 2RS	160	200	105	80	230	8	170.20	191	1	1	1.370	6.800	13.50
GE 180 ES	GE 180 ES 2RS	180	225	105	80	260	6	198.90	219	1.10	1.10	1.530	7.650	18.50
GE 200 ES	GE 200 ES 2RS	200	250	130	100	290	7	213.50	239	1.10	1.10	2.120	10.600	28

The material is stainless steel 304 (SS 304), with SS 306, SS 314, and SS 440 available as options. More materials can be customized.

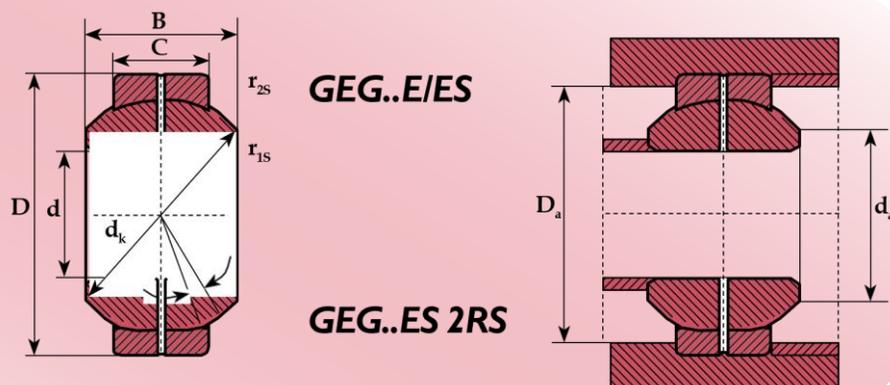
Radial Spherical Plain Bearings

GE..E/ES is equivalent to GE..DO INA e and GE..E/ES SKF.

GE..ES 2RS is equivalent to GE..DO 2RS INA e and GE..ES 2RS SKF.

1) Maintenance-free.

GEG..E/ES(-2RS), with/without seals



Designation		Dimensions (mm.)					Degrees	Dimensions (mm.)		Distance from edges (mm.)		Ratings load		Weight
without seals	with seals	d	d _k	B	C	D	≈ α	D _a max	D _a min	r _{1s} min	r _{2s} min	Dynamic C kN	Static C ₀ kN	≈ Kg
GEG 4 E	-	4	-	7	4	14	20	7	-	-	-	3.4	17	0.0045
GEG 5 E	-	5	-	9	5	16	21	8	-	-	-	5.5	27	0.0066
GEG 6 E ¹⁾	-	6	13 ³⁾	9	5	16	21	9.3	12.5	0.30	0.30	5.5	27.5	0.0080
GEG 8 E ¹⁾	-	8	16 ³⁾	11	6	19	21	11.6	15.5	0.30	0.30	8.15	40.5	0.0140
GEG 10 E ¹⁾	-	10	18 ³⁾	12	7	22	18	13.4	17.5	0.30	0.30	10.8	54	0.020
GEG 12 E ²⁾	-	12	22 ³⁾	15	9	26	18	16	21	0.30	0.30	17	85	0.034
GEG 15 ES	GEG 15 ES 2RS	15	25 ³⁾	16	10	30	16	19.2	24	0.30	0.30	21.2	106	0.046
GEG 17 ES	GEG 17 ES 2RS	17	29 ³⁾	20	12	35	19	21	27.5	0.30	0.30	30	146	0.078
GEG 20 ES	GEG 20 ES 2RS	20	35.5	25	16	42	17	25.2	33	0.60	0.60	48	240	0.15
GEG 25 ES	GEG 25 ES 2RS	25	40.7	28	18	47	17	29.5	38	0.60	0.60	62	310	0.19
GEG 30 ES	GEG 30 ES 2RS	30	47	32	20	55	17	34.4	44.5	0.60	1	80	400	0.29
GEG 35 ES	GEG 35 ES 2RS	35	53	35	22	62	16	39.7	51	0.60	1	100	500	0.39
GEG 40 ES	GEG 40 ES 2RS	40	60	40	25	68	17	44.7	57	0.60	1	127	640	0.52
GEG 45 ES	GEG 45 ES 2RS	45	66	43	28	75	15	50	63	0.60	1	156	780	0.68
GEG 50 ES	GEG 50 ES 2RS	50	80	56	36	90	17	57.1	75	0.60	1	245	1.220	1.4
GEG 60 ES	GEG 60 ES 2RS	60	92	63	40	105	17	67	87	1	1	315	1.560	2
GEG 70 ES	GEG 70 ES 2RS	70	105	70	45	120	16	78.2	99	1	1	400	2.000	2.9
GEG 80 ES	GEG 80 ES 2RS	80	115	75	50	130	14	87.1	108	1	1	490	2.450	3.5
GEG 90 ES	GEG 90 ES 2RS	90	130	85	55	150	15	98.3	123	1	1	610	3.050	5.4
GEG 100 ES	GEG 100 ES 2RS	100	140	85	55	160	14	111.2	134	1	1	655	3.250	5.9
GEG 110 ES	GEG 110 ES 2RS	110	160	100	70	180	12	124.8	150	1	1	950	4.750	9.7
GEG 120 ES	GEG 120 ES 2RS	120	180	115	70	210	16	138.4	173	1	1	1.080	5.400	15
GEG 140 ES	GEG 140 ES 2RS	140	200	130	80	230	16	151.9	191	1	1	1.370	6.800	18.5
GEG 160 ES	GEG 160 ES 2RS	160	225	135	80	260	16	180	219	1	1.10	1.530	7.650	25
GEG 180 ES	GEG 180 ES 2RS	180	250	155	100	290	14	196.1	239	1.10	1.10	2.120	10.600	35.5
GEG 200 ES	GEG 200 ES 2RS	200	275	165	100	320	15	220	267	1.10	1.10	2.320	11.600	45

The material is stainless steel 304 (SS 304), with SS 306, SS 314, and SS 440 available as options. More materials can be customized.

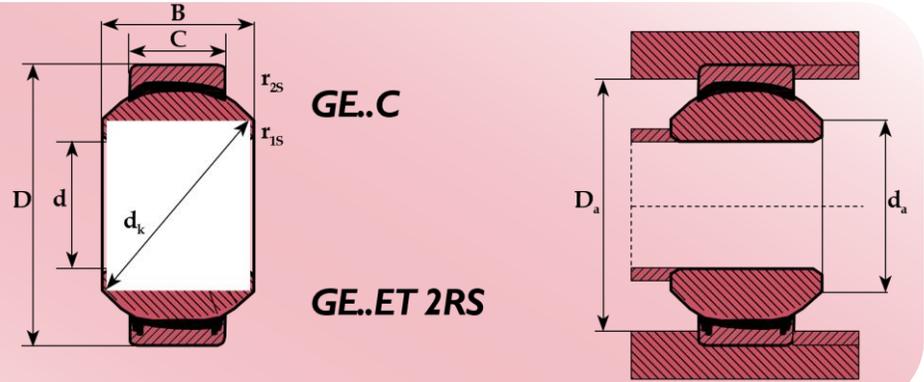
GEG..E/ES is equivalent to GE..FO INA e and GEH..E/ES SKF

GEG..ES 2RS is equivalent to GE..FO 2RS INA e and GEH..ES 2RS SKF

- 1) Maintenance-free.
- 2) Lubrication is only through the outer ring.
- 3) The spherical inner ring surface has no lubrication grooves.

Radial Spherical Plain Bearings

GE..C/ET(-2RS), with/without seals, Maintenance-free



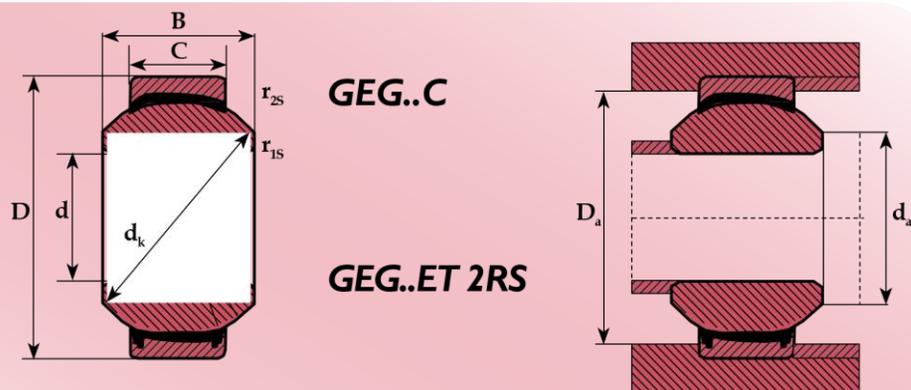
Designation		Dimensions (mm.)					Degrees	Dimensions (mm.)		Distance from edges (mm.)		Ratings load		Weight
without seals	with seals	d	dk	B	C	D	$\approx a$	Da max	Da min	r1s min	r2s min	Dynamic C kN	Static Co kN	\approx Kg
GE 4 C	-	4	-	5	3	12	16	-	-	-	-	2.1	5.4	0.0033
GE 5 C	-	5	-	6	4	14	13	-	-	-	-	3.6	9.1	0.0038
GE 6 C	-	6	10	6	4	14	13	8	9.6	0.30	0.30	3.6	9	0.0042
GE 8 C	-	8	13	8	5	16	15	10.2	12.5	0.30	0.30	5.85	14.6	0.0075
GE 10 C	-	10	16	9	6	19	11	13.2	15.5	0.30	0.30	8.65	21.6	0.011
GE 12 C	-	12	18	10	7	22	10	14.9	17.5	0.30	0.30	11.4	28.5	0.015
GE 15 C	-	15	22	12	9	26	8	18.4	21	0.30	0.30	17.6	44	0.027
GE 17 C	-	17	25	14	10	30	10	20.7	24	0.30	0.30	22.4	56	0.041
-	GE 17 ET 2RS	17	25	14	10	30	10	20.7	24	0.30	0.30	30	60	0.038
GE 20 C	-	20	29	16	12	35	9	24.1	27.5	0.60	0.30	31.5	78	0.066
-	GE 20 ET 2RS	20	29	16	12	35	9	24.1	27.5	0.60	0.30	41.5	83	0.066
GE 25 C	-	25	35.5	20	16	42	7	29.3	33	0.60	0.60	51	127	0.119
-	GE 25 ET 2RS	25	35.5	20	16	42	7	29.3	33	0.60	0.60	68	137	0.119
GE 30 C	-	30	40.7	22	18	47	6	34.2	38	0.60	0.60	65.5	166	0.163
-	GE 30 ET 2RS	30	40.7	22	18	47	6	34.2	38	0.60	0.60	88	176	0.163
-	GE 35 ET 2RS	35	47	25	20	55	6	39.7	44.5	0.60	1	112	224	0.25
-	GE 40 ET 2RS	40	53	28	22	62	6	45	51	0.60	1	140	280	0.30
-	GE 45 ET 2RS	45	60	32	25	68	6	50.7	57	0.60	1	180	360	0.35
-	GE 50 ET 2RS	50	66	35	28	75	6	55.9	63	0.60	1	220	440	0.50
-	GE 60 ET 2RS	60	80	44	36	90	6	66.8	75	1	1	345	695	1
-	GE 70 ET 2RS	70	92	49	40	105	6	77.8	87	1	1	440	880	1.40
-	GE 80 ET 2RS	80	105	55	45	120	6	89.4	99	1	1	570	1.140	2
-	GE 90 ET 2RS	90	115	60	50	130	5	98.1	108	1	1	695	1.370	2.50
-	GE 100 ET 2RS	100	130	70	55	150	7	109.5	123	1	1	865	1.730	4
-	GE 110 ET 2RS	110	140	70	55	160	6	121.2	134	1	1	930	1.860	4.50
-	GE 120 ET 2RS	120	160	85	70	180	6	135.5	150	1	1	1.340	2.700	7.20

The material is stainless steel 304 (SS 304), with SS 306, SS 314, and SS 440 available as options. More materials can be customized.

GE..C is equivalent to GE..UK INA e and GE..C SKF

GE..ET 2RS is equivalent to GE..UK 2RS INA e and GE..TE 2RS/TA 2RS SKF

GEG..C/ET(-2RS), with/without seals, Maintenance-free



Designation		Dimensions (mm.)					Degrees	Dimensions (mm.)		Distance from edges (mm.)		Ratings load		Weight
without seals	with seals	d	dk	B	C	D	$\approx \alpha$	Da max	Da min	r1s min	r2s min	Dynamic C	Static Co	\approx Kg
GEG 4 C	-	4		7	4	14	20	-	-	-	-	3.6	9.1	0.0045
GEG 5 C	-	5		9	5	16	21	-	-	-	-	5.8	14	0.0066
GEG 6 C	-	6	13	9	5	16	21	9.3	12.5	0.30	0.30	5.85	14.6	0.0080
GEG 8 C	-	8	16	11	6	19	21	11.6	15.5	0.30	0.30	8.65	21.6	0.0140
GEG 10 C	-	10	18	12	7	22	18	13.4	17.5	0.30	0.30	11.4	28.5	0.0200
GEG 12 C	-	12	22	15	9	26	18	16	21	0.30	0.30	17.6	44	0.0340
GEG 15 C	-	15	25	16	10	30	16	19.2	24	0.30	0.30	22.4	56	0.0460
GEG 17 C	-	17	29	20	12	35	19	21	27.5	0.30	0.30	31.5	78	0.0780
GEG 20 C	-	20	35.5	25	16	42	17	25.2	33	0.60	0.60	51	127	0.15
GEG 25 C	-	25	40.7	28	18	47	17	29.5	38	0.60	0.60	65.5	166	0.19
GEG 30 C	GEG 30 ET 2RS	30	47	32	20	55	17	34.4	44.5	0.60	1	112	224	0.29
-	GEG 35 ET 2RS	35	53	35	22	62	16	39.7	51	0.60	1	140	280	0.39
-	GEG 40 ET 2RS	40	60	40	25	68	17	44.7	57	0.60	1	180	360	0.52
-	GEG 45 ET 2RS	45	66	43	28	75	15	50	63	0.60	1	220	440	0.68
-	GEG 50 ET 2RS	50	80	56	36	90	17	57.1	75	0.60	1	345	695	1.4
-	GEG 60 ET 2RS	60	92	63	40	105	17	67	87	1	1	440	880	2
-	GEG 70 ET 2RS	70	105	70	45	120	16	78.2	99	1	1	570	1.140	2.9
-	GEG 80 ET 2RS	80	115	75	50	130	14	87.1	108	1	1	695	1.370	3.5
-	GEG 90 ET 2RS	90	130	85	55	150	15	98.3	123	1	1	865	1.730	5.4
-	GEG 100 ET 2RS	100	140	85	55	160	14	111.2	134	1	1	930	1.860	5.9
-	GEG 110 ET 2RS	110	160	100	70	180	12	124.8	150	1	1	1.340	2.700	9.7
-	GEG 120 ET 2RS	120	180	115	70	210	12	138.4	173	1	1	1.500	3.000	15

The material is stainless steel 304 (SS 304), with SS 306, SS 314, and SS 440 available as options. More materials can be customized.

GEG..C is equivalent to GE..FW INA e and GEH..C SKF

GEG..ET 2RS is equivalent to GE..FW 2RS INA e and GEH..TE 2RS/TA 2RS SKF

