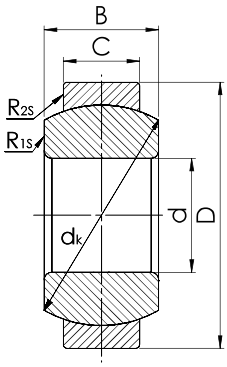
Subject	Symbol	Description
Seal type	2RS	GE series spherical bearings can have rubber seal on both sides.
Technical modifications	-	Hole for lubrication on the inner ring.
	K	Groove and hole for lubrication on the inner and outer rings.
	K1	Groove and lubrication hole on the outer ring.

Features

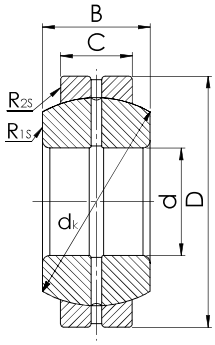
Spherical plain bearings are radial plain bearings consists of an outer ring and an inner ring made of bearing steel and with spherical sliding contact surface. These bearing are suitable for arrangements with heavy radial load at low misalignment and oscillation. Moreover, spherical plain bearings can carry specific axial loads in both directions.

Sealing

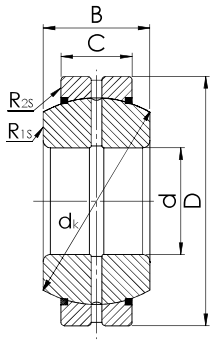
Most popular sizes of CRAFT plain bearings are available without seals or sealed on both sides. Standard sealed bearings can increase the service life of a bearing and save space, while reducing inventory and assembly costs. Spherical plain bearings GE series fitted on both sides with the rubber seals (2RS) are very effective, under normal operating conditions, at keeping, under normal operating conditions, at keeping contaminants away from the sliding contact surfaces. These seals also effectively retain the grease and therefore are appropriate for bearings requiring maintenance.



GE...E



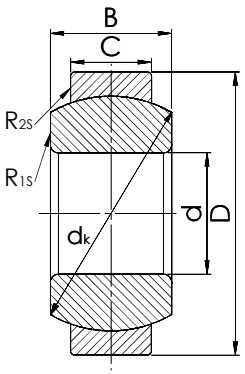
GE...ES



GE...ES-2RS

ISO	Dimensions (mm)							Basic Load Ratings (N)		Weight (kg)
	d	D	B	C	d_k	R_{1s} min	R_{2s} min	Dyn. C	Stat. Cg	
GE-5E	5	14	6	4	10	0,30	0,30	3400	17000	0,005
GE-6E	6	14	6	4	10	0,30	0,30	3400	17000	0,004
GE-8E	8	16	8	5	13	0,30	0,30	5500	27500	0,007
GE-10E	10	19	9	6	16	0,30	0,30	8150	40500	0,011
GE-12E	12	22	10	7	18	0,30	0,30	10800	54000	0,016
GE-15ES	15	26	12	9	22	0,30	0,30	17000	85000	0,025
GE-15ES 2RS	15	26	12	9	22	0,30	0,30	17000	85000	0,025
GE-16ES	16	30	14	10	25	0,30	0,30	21200	106000	0,041
GE-16ES 2RS	16	30	14	10	25	0,30	0,30	21200	106000	0,041
GE-17ES	17	30	14	10	25	0,30	0,30	21200	106000	0,041
GE-17ES 2RS	17	30	14	10	25	0,30	0,30	21200	106000	0,041
GE-20ES	20	35	16	12	29	0,60	0,30	30000	146000	0,061
GE-20ES 2RS	20	35	16	12	29	0,60	0,30	30000	146000	0,061
GE-25ES	25	42	20	16	35,5	0,60	0,60	48000	240000	0,110
GE-25ES 2RS	25	42	20	16	35,5	0,60	0,60	48000	240000	0,110
GE-30ES	30	47	22	18	40,7	0,60	0,60	62000	310000	0,140
GE-30ES 2RS	30	47	22	18	40,7	0,60	0,60	62000	310000	0,140
GE-35ES	35	55	25	20	47	0,60	1,00	80000	400000	0,220
GE-35ES 2RS	35	55	25	20	47	0,60	1,00	80000	400000	0,220
GE-40ES	40	62	28	22	53	0,60	1,00	100000	500000	0,300
GE-40ES 2RS	40	62	28	22	53	0,60	1,00	100000	500000	0,300
GE-45ES	45	68	32	25	60	0,60	1,00	127000	640000	0,410
GE-45ES 2RS	45	68	32	25	60	0,60	1,00	127000	640000	0,410
GE-50ES	50	75	35	28	66	0,60	1,00	156000	780000	0,530
GE-50ES 2RS	50	75	35	28	66	0,60	1,00	156000	780000	0,530
GE-55ES	55	85	40	32	74	0,60	1,00	200000	1000000	0,940
GE-55ES 2RS	55	85	40	32	74	0,60	1,00	200000	1000000	0,940
GE-60ES	60	90	44	36	80	1,00	1,00	245000	1220000	1,000
GE-60ES 2RS	60	90	44	36	80	1,00	1,00	245000	1220000	1,000
GE-70ES	70	105	49	40	92	1,00	1,00	315000	1560000	1,500
GE-70ES 2RS	70	105	49	40	92	1,00	1,00	315000	1560000	1,500
GE-80ES	80	120	55	45	105	1,00	1,00	400000	2000000	2,200
GE-80ES 2RS	80	120	55	45	105	1,00	1,00	400000	2000000	2,200
GE-90ES	90	130	60	50	115	1,00	1,00	490000	2450000	2,700
GE-90ES 2RS	90	130	60	50	115	1,00	1,00	490000	2450000	2,700
GE-100ES	100	150	70	55	130	1,00	1,00	610000	3050000	4,300
GE-100ES 2RS	100	150	70	55	130	1,00	1,00	610000	3050000	4,300
GE-110ES	110	160	70	55	140	1,00	1,00	655000	3250000	4,700
GE-110ES 2RS	110	160	70	55	140	1,00	1,00	655000	3250000	4,700
GE-120ES	120	180	85	70	160	1,00	1,00	950000	4750000	8,000
GE-120ES 2RS	120	180	85	70	160	1,00	1,00	950000	4750000	8,000
GE-140ES	140	210	90	70	180	1,00	1,00	1080000	5400000	11,00
GE-140ES 2RS	140	210	90	70	180	1,00	1,00	1080000	5400000	11,00
GE-160ES	160	230	105	80	200	1,00	1,00	1360000	6800000	14,00
GE-160ES 2RS	160	230	105	80	200	1,00	1,00	1360000	6800000	14,00
GE-180ES	180	260	105	80	225	1,00	1,00	1530000	7650000	18,50

ISO	Dimensions (mm)							Basic Load Ratings (N)		Weight (kg)
	d	D	B	C	d_k	R_{1s} min	R_{2s} min	Dyn. C	Stat. Cg	
GE-180ES 2RS	180	260	105	80	225	1,00	1,00	1530000	7650000	18,50
GE-200ES	200	290	130	100	250	1,10	1,10	2120000	10600000	28,00
GE-200ES 2RS	200	290	130	100	250	1,10	1,10	2120000	10600000	28,00
GE-220ES	220	320	135	100	275	1,10	1,10	2320000	11600000	35,51
GE-220ES 2RS	220	320	135	100	275	1,10	1,10	2320000	11600000	35,51
GE-240ES	240	340	140	100	300	1,10	1,10	2550000	12700000	39,91
GE-240ES 2RS	240	340	140	100	300	1,10	1,10	2550000	12700000	39,91
GE-260ES	260	370	150	110	325	1,10	1,10	3030000	15190000	51,54
GE-260ES 2RS	260	370	150	110	325	1,10	1,10	3030000	15190000	51,54
GE-280ES	280	400	155	120	350	1,10	1,10	3570000	17850000	65,06
GE-280ES 2RS	280	400	155	120	350	1,10	1,10	3570000	17850000	65,06
GE-300ES	300	430	165	120	375	1,10	1,10	3800000	19100000	78,07
GE-300ES 2RS	300	430	165	120	375	1,10	1,10	3800000	19100000	78,07



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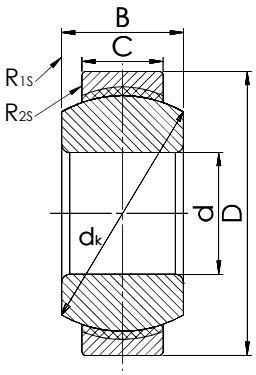

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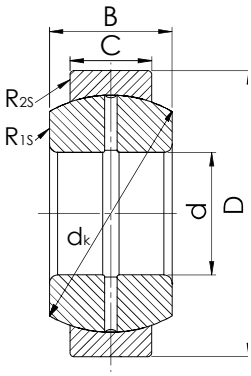

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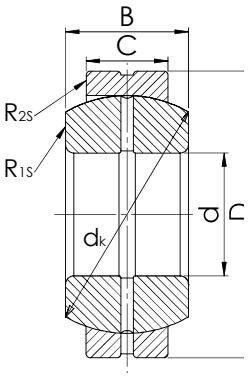

ШСЛ SSL (RU AT)

GOST	Dimensions (mm)				Basic Load Ratings (N)		Weight (kg)
	d	D	B	C	Dyn. C	Stat. Cg	
Ш5	5	14	6	4	3400	17000	0,005
Ш6	6	14	6	4	3400	17000	0,005
Ш8	8	17	8	5	5525	27625	0,008
Ш10	10	20	9	6	8160	40800	0,012
Ш12	12	22	10	7	10710	53550	0,012
2Ш12	12	32	10	7	15470	77350	0,065
Ш15	15	28	12	7	13685	68425	0,035
2Ш15	15	35	18	14	34510	172550	0,082
Ш17	17	32	14	10	22100	110500	0,048
2Ш17	17	40	21	14	38080	190400	0,148
Ш20	20	35	16	12	29580	147900	0,065
2Ш20	20	47	26	15	44625	223125	0,190
Ш25	25	42	20	16	48280	241400	0,115
Ш30	30	47	22	18	62271	311355	0,158
Ш35	35	55	26	21	83895	419475	0,238
Ш40	40	62	28	22	99110	495550	0,330
Ш45	45	70	32	25	127500	637500	0,460
Ш50	50	75	35	28	157080	785400	0,560
Ш55	55	85	40	32	204000	1020000	0,880
Ш60	60	90	44	36	244800	1224000	0,942

GOST	Dimensions (mm)				Basic Load Ratings (N)		Weight (kg)
	d	D	B	C	Dyn. C	Stat. Cg	
ШС5	5	14	6	4	3400	17000	0,005
ШС6	6	14	6	4	3400	17000	0,005
ШС8	8	17	8	5	5525	27625	0,008
ШС10	10	20	9	6	8160	40800	0,012
ШС12	12	22	10	7	10710	53550	0,012
2ШС12	12	32	16	12	26520	132600	0,065
ШС15	15	28	12	8	15640	78200	0,035
2ШС15	15	35	18	14	34510	172550	0,082
ШС17	17	32	14	10	22100	110500	0,048
2ШС17	17	40	21	14	38080	190400	0,148
ШС20	20	35	16	12	29580	147900	0,065
2ШС20	20	47	26	15	44625	223125	0,190
ШС25	25	42	20	16	48280	241400	0,115
ШС30	30	47	22	18	62271	311355	0,158
ШС35	35	55	26	21	83895	419475	0,238
ШС40	40	62	28	22	99110	495550	0,330
ШС45	45	70	32	25	127500	637500	0,460
ШС50	50	75	35	28	157080	785400	0,560
ШС55	55	85	40	32	204000	1020000	0,880
ШС60	60	90	44	36	244800	1224000	0,942
ШС80	80	125	76	70	678300	3391500	3,780
ШСП6	6	14	6	4	3400	17000	0,005
ШСП8	8	17	8	5	5525	27625	0,008
ШСП10	10	20	9	6	8160	40800	0,012
ШСП12	12	22	10	7	10710	53550	0,012
ШСП15	15	28	12	8	15640	78200	0,035
ШСП17	17	32	14	10	22100	110500	0,048
ШСП20	20	35	16	12	29580	147900	0,065
ШСП25	25	42	20	16	48280	241400	0,115
ШСП30	30	47	22	18	62271	311355	0,158
ШСП35	35	55	26	21	83895	419475	0,238
ШСП40	40	62	28	22	99110	495550	0,330
ШСП45	45	70	32	25	127500	637500	0,460
ШСП50	50	75	35	28	157080	785400	0,560
ШСП55	55	85	40	32	204000	1020000	0,880
ШСЛ60	60	90	44	36	244800	1224000	0,942
GШСЛ60	60	105	63	40	336000	1680000	2,082
2ШСЛ60	60	110	60	34	267000	1337000	2,184
6ШСЛ60	60	130	85	70	684250	3421250	5,700
ШСЛ70	70	105	49	40	312800	1564000	1,560
GШСЛ70	70	120	70	45	435000	2173000	2,942
2ШСЛ70	70	125	70	35	314000	1571000	2,410
ШСЛ80	80	125	76	70	678300	3391500	3,780
ШСЛ90	90	130	60	50	488750	2443750	2,790
2ШСЛ90	90	160	80	50	552500	2762500	6,100
ШСЛ100	100	150	70	55	607750	3038750	4,300
ШСЛ110	110	160	70	55	654500	3272500	4,700
ШСЛ120	120	180	85	70	952000	4760000	8,090
2ШСЛ120	120	215	130	90	1576000	7880000	19,700
ШСЛ130	130	200	95	52	773500	3867500	8,930
2ШСЛ150	150	270	160	110	2361000	1180500	39,850