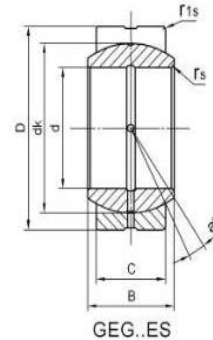


Spherical Plain Bearings are manufactured in a wide variety of materials and are designed to offer bearing solutions in almost any operating environment. LS Bearings offers a complete line of Spherical Plain Bearings available in inch and metric. These High-Quality Spherical Plain Bearings are widely used in Engineering Machinery, Aerospace Field, Aviation/, New energy engineering, Hydropower Project, Metallurgical Machinery, Port Machinery, Rail transport, Architecture, Scientific research equipment, food machinery and so on.

Spherical plain bearing: GEG-ES Series



Inner Race: Gcr15 Steel, hardened HRC 58-64, surface phosphated.
Outer Race: Gcr15 Steel, hardened HRC 54-60, surface phosphated.
Bore size $d \geq 120\text{mm}$: Inner and outer race are all Gcr15 SiMn.
Sliding contact surfaces: Steel/Steel



Motion(shanghai)Industrial Development Co.,Ltd

Part No.	Dimensions(mm/inch)							Load ratings		α° ≈	weight ≈ kg
								KN			
	d	D	B	c	dk	rs	r1s	Dynamic	Static		
GEG15ES	15	30	16	10	25	0.3	0.3	21	106	16	0.049
GEG17ES	17	35	20	12	29	0.3	0.3	30	146	19	0.083
GEG20ES	20	42	25	16	35.5	0.3	0.6	48	240	17	0.153
GEG25ES	25	47	28	18	40.7	0.6	0.6	62	310	17	0.203
GEG30ES	30	55	32	20	47	0.6	1	79	399	17	0.304
GEG35ES	35	62	35	22	53	0.6	1	99	495	16	0.408
GEG40ES	40	68	40	25	60	0.6	1	127	637	17	0.542
GEG45ES	45	75	43	28	66	0.6	1	156	780	15	0.713
GEG50ES	50	90	56	36	80	0.6	1	245	1220	17	1.14
GEG60ES	60	105	63	40	92	1	1	313	1560	17	2.05
GEG70ES	70	120	70	45	105	1	1	400	2000	16	3.01
GEG80ES	80	130	75	50	115	1	1	488	2440	14	3.64
GEG90ES	90	150	85	55	130	1	1	607	3030	15	5.22
GEG100ES	100	160	85	55	140	1	1	654	3270	14	6.05
GEG110ES	110	180	100	70	160	1	1	950	4750	12	9.68
GEG120ES	120	210	115	70	180	1	1	1070	5350	16	14.01
GEG140ES	140	230	130	80	200	1	1	1360	6800	16	19.01
GEG160ES	160	260	135	80	225	1.1	1.1	1530	7650	16	24.7
GEG180ES	180	290	155	100	250	1.1	1.1	2120	10600	14	35.9
GEG200ES	200	320	165	100	275	1.1	1.1	2320	11600	15	45.28
GEG220ES	220	340	175	100	300	1.1	1.1	2550	12700	16	51.12
GEG240ES	240	370	190	110	325	1.1	1.1	3030	15190	15	65.12
GEG260ES	260	400	205	120	350	1.1	1.1	3570	17850	15	82.44
GEG280ES	280	430	210	120	375	1.1	1.1	3800	19100	15	97.21

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