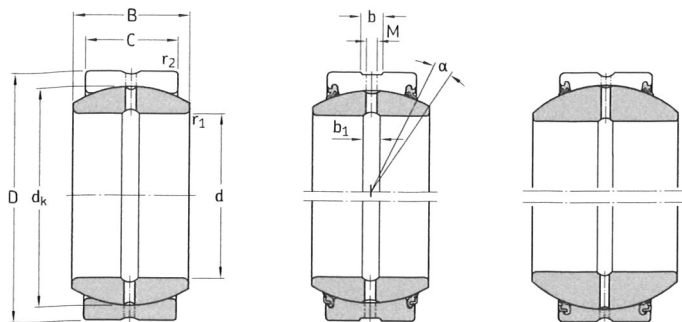


Radial spherical plain bearings, steel/steel, metric sizes
d 45 – 120 mm



GE .. ES

GE .. ES-2RS
GE .. ES-2LS

GEH .. ES-2RS
GEH .. ES-2LS

Principal dimensions				Angle of tilt ¹⁾ α	Basic load ratings		Mass	Designations ²⁾	
d	D	B	C		dynamic	static		without seals	suffix for heavy-duty seals
mm				degrees	kN	C ₀	kg		
45	68	32	25	7	127	640	0,46	GE 45 ES	–
	68	32	25	7	127	640	0,46	GE 45 ES-2RS	-2LS
	75	43	28	14	156	780	0,80	GEH 45 ES-2RS	-2LS
50	75	35	28	6	156	780	0,56	GE 50 ES	–
	75	35	28	6	156	780	0,56	GE 50 ES-2RS	-2LS
	90	56	36	17	245	1 220	1,60	GEH 50 ES-2RS	-2LS
60	90	44	36	6	245	1 220	1,10	GE 60 ES	–
	90	44	36	6	245	1 220	1,10	GE 60 ES-2RS	-2LS
	105	63	40	17	315	1 560	2,40	GEH 60 ES-2RS	-2LS
70	105	49	40	6	315	1 560	1,55	GE 70 ES	–
	105	49	40	6	315	1 560	1,55	GE 70 ES-2RS	-2LS
	120	70	45	16	400	2 000	3,40	GEH 70 ES-2RS	-2LS
80	120	55	45	6	400	2 000	2,30	GE 80 ES	–
	120	55	45	5	400	2 000	2,30	GE 80 ES-2RS	-2LS
	130	75	50	14	490	2 450	4,10	GEH 80 ES-2RS	-2LS
90	130	60	50	5	490	2 450	2,75	GE 90 ES	–
	130	60	50	5	490	2 450	2,75	GE 90 ES-2RS	-2LS
	150	85	55	15	610	3 050	6,30	GEH 90 ES-2RS	-2LS
100	150	70	55	7	610	3 050	4,40	GE 100 ES	–
	150	70	55	6	610	3 050	4,40	GE 100 ES-2RS	-2LS
	160	85	55	13	655	3 250	6,80	GEH 100 ES-2RS	-2LS
110	160	70	55	6	655	3 250	4,80	GE 110 ES	–
	160	70	55	6	655	3 250	4,80	GE 110 ES-2RS	-2LS
	180	100	70	12	950	4 750	11,0	GEH 110 ES-2RS	-2LS
120	180	85	70	6	950	4 750	8,25	GE 120 ES	–
	180	85	70	6	950	4 750	8,25	GE 120 ES-2RS	-2LS
	210	115	70	16	1 080	5 400	15,0	GEH 120 ES-2RS	-2LS

¹⁾ To fully utilize the angle of tilt, the shaft shoulder should not be made larger than $d_{s \max}$.

²⁾ Bearings with an outside diameter $D \geq 150$ mm have the multi-groove system in the outer ring as standard. Bearings with an outside diameter $D < 150$ mm can be supplied with the multi-groove system on request (designation suffix ESL).