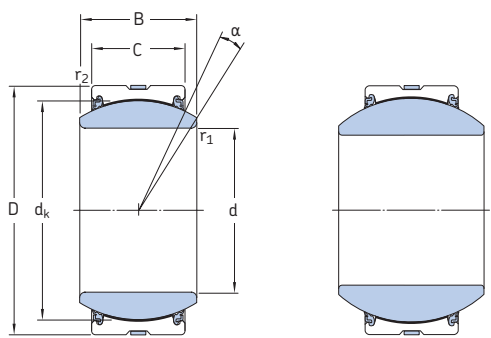


Maintenance-free radial spherical plain bearings, steel/PTFE fabric, metric sizes
d 100 – 300 mm

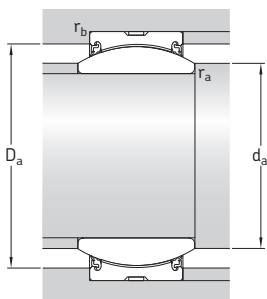


GE .. TX(G3)A-2LS

GEH .. TX(G3)A-2LS

Principal dimensions				Angle of tilt ¹⁾ α	Basic load ratings		Mass	Designations	
d	D	B	C		dynamic C	static C ₀		Material Bearing steel	Stainless steel
mm				degrees	kN		kg	–	
100	150	70	55	6	1 730	2 850	4,40	GE 100 TXA-2LS	GE 100 TXG3A-2LS
	160	85	55	13	1 860	3 100	5,90	GEH 100 TXA-2LS	GEH 100 TXG3A-2LS
110	160	70	55	6	1 860	3 100	4,80	GE 110 TXA-2LS	GE 110 TXG3A-2LS
	180	100	70	12	2 700	4 500	9,50	GEH 110 TXA-2LS	GEH 110 TXG3A-2LS
120	180	85	70	6	2 700	4 500	8,25	GE 120 TXA-2LS	GE 120 TXG3A-2LS
	210	115	70	16	3 000	5 000	14,90	GEH 120 TXA-2LS	GEH 120 TXG3A-2LS
140	210	90	70	7	3 000	5 000	11,0	GE 140 TXA-2LS	GE 140 TXG3A-2LS
160	230	105	80	8	3 800	6 400	14,0	GE 160 TXA-2LS	GE 160 TXG3A-2LS
180	260	105	80	6	4 300	7 200	18,5	GE 180 TXA-2LS	GE 180 TXG3A-2LS
200	290	130	100	7	6 000	10 000	28,0	GE 200 TXA-2LS	GE 200 TXG3A-2LS
220	320	135	100	8	6 550	11 000	35,5	GE 220 TXA-2LS	–
240	340	140	100	8	7 200	12 000	40,0	GE 240 TXA-2LS	–
260	370	150	110	7	8 650	14 300	51,5	GE 260 TXA-2LS	–
280	400	155	120	6	10 000	16 600	65,0	GE 280 TXA-2LS	–
300	430	165	120	7	10 800	18 000	78,5	GE 300 TXA-2LS	–

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


Dimensions
Abutment and fillet dimensions

d	d _k	r ₁ min	r ₂ min	d _a min	d _a max	D _a min	D _a max	r _a max	r _b max
mm				mm					
100	130	1	1	108	109,5	131	144	1	1
	140	1	1	108,5	111,2	141,5	153	1	1
110	140	1	1	118	121	141,5	153	1	1
	160	1	1	120	124,5	157,5	172	1	1
120	160	1	1	130	135,5	157,5	172	1	1
	180	1	1	130,5	138	180	202	1	1
140	180	1	1	149	155,5	180	202	1	1
160	200	1	1	170	170	197	222	1	1
180	225	1,1	1,1	191	199	224,5	250	1	1
200	250	1,1	1,1	213	213,5	244,5	279	1	1
220	275	1,1	1,1	233	239,5	271	309	1	1
240	300	1,1	1,1	253	265	298	329	1	1
260	325	1,1	1,1	273	288	321,5	359	1	1
280	350	1,1	1,1	294	313,5	344,5	388	1	1
300	375	1,1	1,1	314	336,5	371	418	1	1