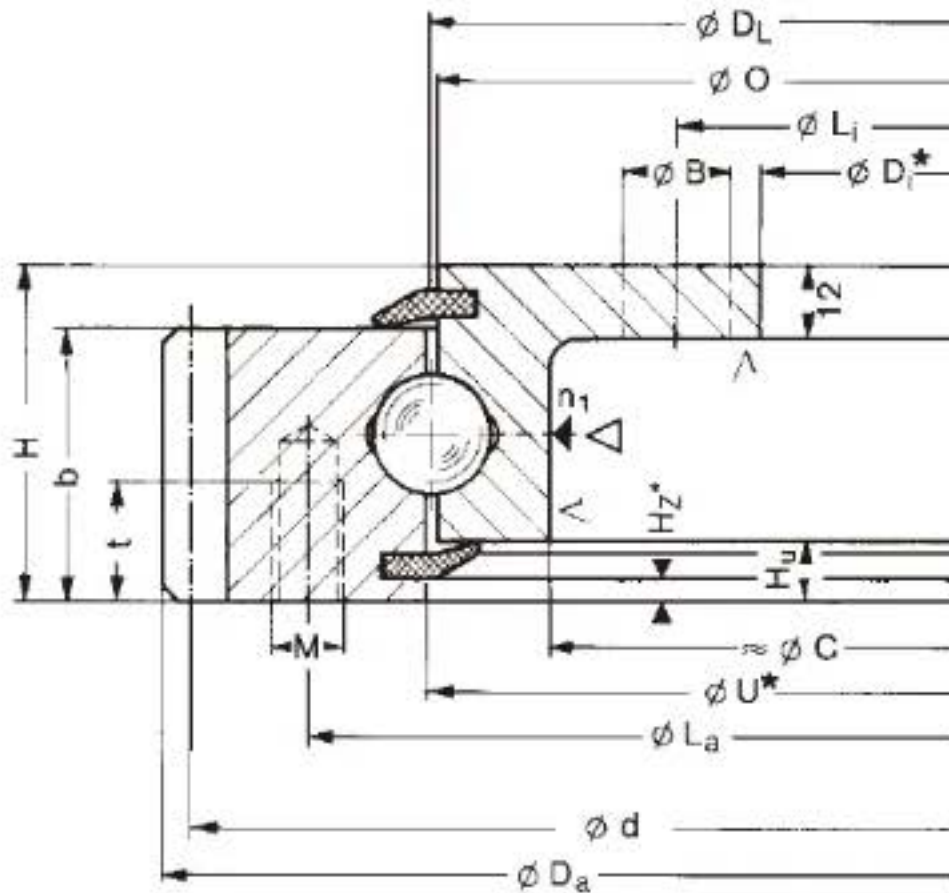




External gear

External Gear																			
Drawing No .	Raceway center distance	Weight	Outer diameter	Inner diameter	Total height	Outer ring mounting hole	Inner ring mounting hole	Mounting hole number	Diameter of bolt hole	Mounting hole number	Inner ring mounting hole	Inner height difference	Outer ring height difference	Gear	Module	Tooth no.	Tooth wide	Normal load	Maximum load
	D_L (mm)	kg	D_a (mm)	D_i (mm)	H (mm)	L_a (mm)	L_i (mm)	na	B/M (mm)	ni	B/M (mm)	H_u (mm)	H_o (mm)	d (mm)	m (mm)	z	b (mm)	(KN)	(KN)
231.20.0400.013 Graph⑤ Typ 21/520.1	414	29.3	504	304	56	455	332	10	M12	12	18	10.5	-	495	5	99	45.5	11.75	23.5
231.20.0500.013 Graph⑥ Typ 21/650.1	544	39.5	640.8	434	56	585	462	14	M12	14	18	10.5	-	630	6	105	45.5	14.2	28.4
231.20.0600.013 Graph⑦ Typ 21/750.1	644	47.6	742.8	534	56	685	562	16	M12	16	18	10.5	-	732	6	122	45.5	14.2	28.4
231.20.0700.013 Graph⑧ Typ 21/850.1	744	53.5	838.8	634	56	785	662	18	M12	16	18	10.5	-	828	6	138	45.5	18.93	37.86
231.20.0800.013 Graph⑨ Typ 21/950.1	844	65.1	950.4	734	56	885	762	18	M12	18	18	10.5	-	936	8	117	45.5	18.93	37.86
231.20.0900.013 Graph⑩ Typ 21/1050.1	944	69.6	1046.4	834	56	985	862	20	M12	20	18	10.5	-	1032	8	129	45.5	18.93	37.86
231.20.1000.013 Graph⑪ Typ 21/1200.1	1094	83	1198.4	984	56	1135	1012	22	M12	20	18	10.5	-	1184	8	148	45.5	18.93	37.86