

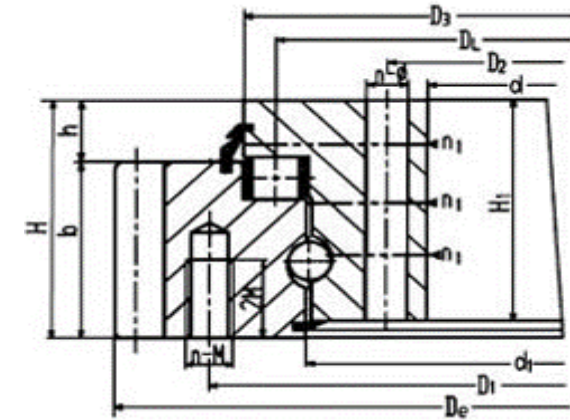
Ball-Roller Combination Slewing Bearing



4000-6800mm

The ball-roller combination slewing bearings is a special type of slewing ring bearing which adopts both steel balls and rollers as the rolling element.

The slewing bearing is generally designed with external gear and its outer diameter is over 4000mm. Up to now, the maximum outer diameter of this type of heavy duty bearing we make reaches 6800mm. This large diameter bearing is broadly applied in heavy duty bucket wheel stacker and reclaimer for the open mining equipment.



Designations (External gear)	Boundary dimension			Bolt hole diameter					Structure dimension				Gear parameters					Tangential force		Mass kg	
	D _e mm	d mm	H mm	D ₁ mm	D ₂ mm	n	φ mm	M	n ₁	D ₃ mm	d ₁ mm	H ₁ mm	h mm	b mm	m	Z	x	k	Normal kn		Max kn
221.32.3550.**	3772.8	3358	159	3638	3418	76	30	27	10	3591	3509	143	50	109	16	232	1	0.1	160	320	2028
221.32.3750.**	3980.8	3558	159	3846	3618	80	30	27	10	3791	3709	143	50	109	16	246	0.5	0.1	160	320	2186
221.32.4000.**	4220.8	3808	159	4086	3868	84	30	27	12	4041	3959	143	50	109	16	261	0.5	0.1	160	320	2278
221.32.4250.**	4476.8	4058	159	4342	4118	90	30	27	12	4291	4209	143	50	109	16	276	1	0.1	160	320	2455
221.36.4000.**	4244.4	3792	175	4095	3858	76	33	30	12	4045	3955	159	50	125	18	232	1	0.1	196	391	2792
221.36.4250.**	4496.4	4042	175	4347	4108	80	33	30	12	4295	4205	159	50	125	18	247	0.5	0.1	196	391	2981
221.36.4500.**	4748.4	4292	175	4599	4358	84	33	30	14	4545	4455	159	50	125	18	261	0.5	0.1	196	391	3171
221.36.4750.**	5000.4	4542	175	4851	4608	90	33	30	14	4795	4705	159	50	125	18	275	0.5	0.1	196	391	3363
221.40.4500.**	4776	4276	183	4612	4348	72	36	33	14	4550	4450	167	50	133	20	236	0.5	0.1	231	463	3673
221.40.4750.**	5016	4526	183	4852	4598	76	36	33	14	4800	4700	167	50	133	20	248	0.5	0.1	231	463	3796