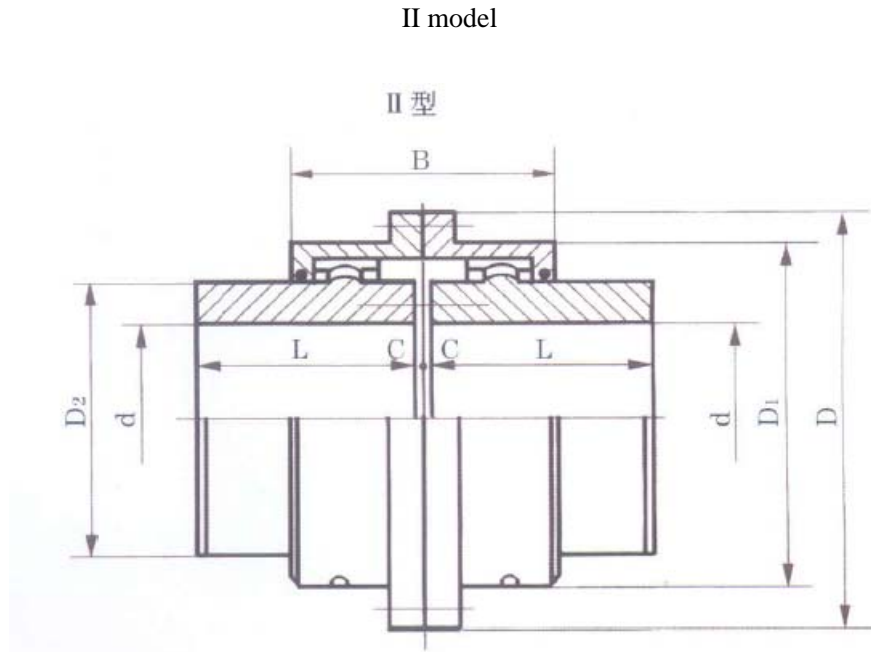


WGII Curved-Tooth Coupling

Description

This shaft coupling is suitable for connecting two horizontal axis of the shaft system. It is with certain relative deviation compensation performance for two shafts. The temperature of operating environment is -20°C to 80°C . The nominal torque is 710 to 160000 N.m.



Parameters

Model	Nominal torque Tn (N.m)	Limited Rotational Speed (n) (r/min)	Axis Hole Diameter	Axis Hole Length	D	D1	D2	B	C	Weight (kg)	Rotational Inertia (kg.m ²)
			d	Y, J1							
WG1	710	7500	12-14	32	115	88	60	100	14	4.86	0.0063
			16-19	42					4		
			20-24	52					3		
			25-42	62-112							
WG2	1250	6700	22-24	52	145	108	77	104	4	7.48	0.016
			25-56	82-112					3		
WG3	2500	6300	22-24	52	165	125	90	108	7	12.2	0.033
			25-63	82-142					3		
WG4	4500	5600	30-80	82-172	195	145	112	116	3	19.6	0.073
WG5	7100	5300	30-90	82-172	215	168	128	126	3	26.1	0.126
WG6	10000	5000	32-100	82-212	230	185	145	134	5	38.0	0.213

WG7	14000	4500	32-110	82-212	265	210	160	148	5	45.0	0.35
WG8	20000	4250	55-125	112-212	272	225	176	162	5	55.8	0.46
WG9	25000	4000	65-140	142-252	305	245	190	176	5	80.5	0.77
WG10	40000	3550	75-160	142-302	340	280	225	196	5	121.8	1.54
WG11	56000	3000	85-180	172-302	385	325	256	224	8	167	2.77
WG12	80000	2800	120-200	212-352	435	360	288	250	8	242	4.75
WG13	112000	2500	140-220	252-352	480	400	320	272	8	309	7.76
WG14	160000	2300	160-260	302-410	540	440	362	316	10	423	13.52