

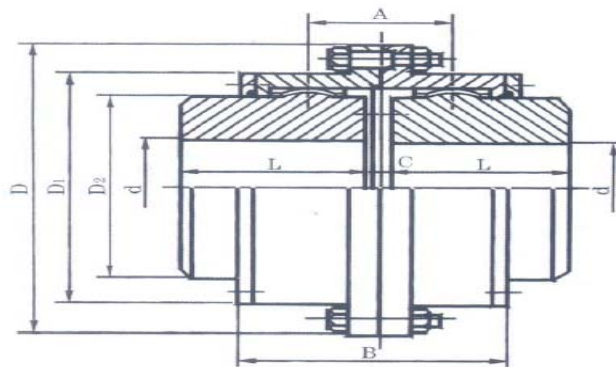
GIICL Curved-tooth Coupling



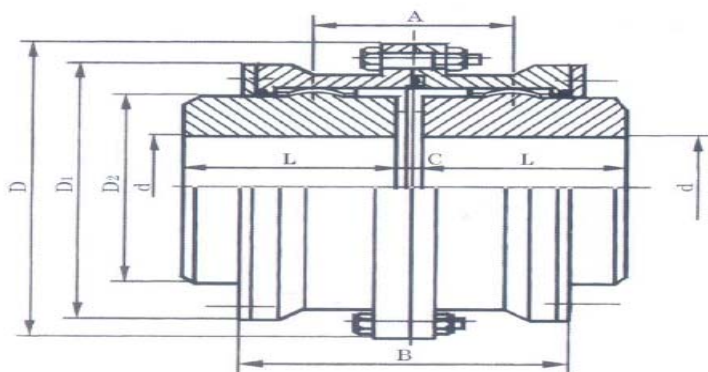
Description

This shaft coupling is suitable for connecting two coaxial drive shafts. The nominal torque is 0.4 to 4500 KN.m and the temperature of working condition is -20°C to 80°C .

The followings are GIICL1-GIICL13 model and GIICL14-GIICL25 model.



GIICL1 ~ GIICL13 型



GIICL14 ~ GIICL25 型

Parameters of Model GIICL Shaft Coupling

Model	Nominal Torque T _n (N.m)	Limited Rotational Speed [n] (r/min)	Shaft Hole Diameter	Shaft Hole Length	D	H	A	C	Rotational Inertia (kg.m ²)	Grease Consumption (ml)	Weight (kg)
			d1,d2	Y, J1							
				L							
GIICL1	355	4000	14-35	38-82	103	2.0	36	8	0.0035-0.00375	51	3.1
GIICL2	630	4000	16-45	38-112	115	2.0	42	8	0.00550-0.00675	70	3.5
GIICL3	1000	4000	22-56	38-112	127	2.0	44	8	0.010-0.0113	68	7.0
GIICL4	1600	4000	38-65	60-142	149	2.0	49	8	0.02-0.0245	87	12.2
GIICL5	2800	4000	40-75	84-142	167	2.5	55	10	0.0378-0.0433	125	18.0
GIICL6	4500	4000	45-90	84-172	187	2.5	56	10	0.0663-0.0843	148	26.5
GIICL7	6300	3750	50-105	84-212	204	3.5	60	10	0.103-0.151	175	39.2
GIICL8	9000	3300	55-115	84-212	230	3.0	67	12	0.167-0.241	268	49.7
GIICL9	14000	3000	60-135	107-252	256	3.0	69	12	0.316-0.470	310	79.6
GIICL10	20000	2650	65-150	107-252	287	3.5	78	14	0.511-0.745	472	101
GIICL11	31500	2350	70-175	107-302	325	3.5	81	14	1.096-1.588	550	161
GIICL12	45000	2100	75-200	107-352	362	4.0	89	16	1.623-3.055	695	213
GIICL13	63000	1850	150-225	202-352	412	4.5	98	18	3.925-4.918	1019	315
GIICL14	100000	1650	170-250	242-410	462	5.5	172	22	8.025-9.725	3900	476
GIICL15	160000	1500	190-285	282-470	512	5.5	182	22	14.300-17.45	3700	696
GIICL16	224000	1300	220-320	282-470	580	7.0	209	28	23.925-29.1	4500	913
GIICL17	315000	1200	250-365	330-550	644	7.0	198	28	43.095-53.725	4900	1322
GIICL18	450000	1050	280-400	380-650	726	8.0	222	28	78.525-99.500	7000	1948
GIICL19	630000	950	300-470	380-650	818	8.0	232	32	136.750-175.5	8900	3026
GIICL20	900000	800	360-540	450-800	928	10.5	247	32	261.75-360.75	11000	3984
GIICL21	1250000	750	400-600	540-800	1022	11.5	255	40	468.75-561.50	13000	4977
GIICL22	1600000	650	450-680	540-800	1134	13.0	262	40	753.750-904.750	16000	7738
GIICL23	2240000	600	500-770	680-800	1282	14.5	299	50	1517-1725	28000	10783
GIICL24	3150000	550	560-880	680-900	1428	16.5	317	50	2486-3131.75	33000	15015
GIICL25	4000000	460	670-1040	900-1000	1644	19.0	325	50	5174.25-7198.25	43000	

Notes

1. Diameter and length of axel hole shall be correspondently selected.
2. Weight and rotational inertia of shaft coupling are calculated according to J₁ type hole.
3. It is suggested to select length of J₁ type hole.