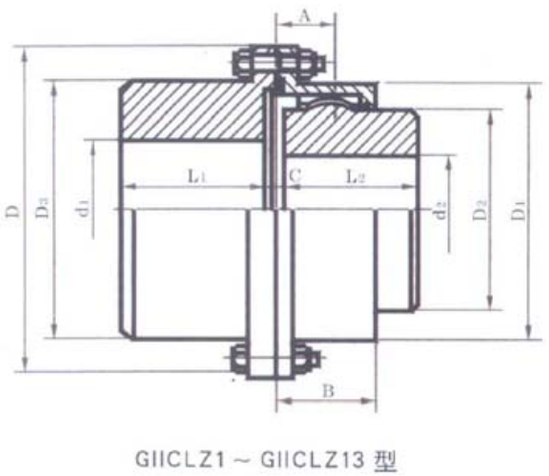
GIICLZ Curved-Tooth Coupling

Description

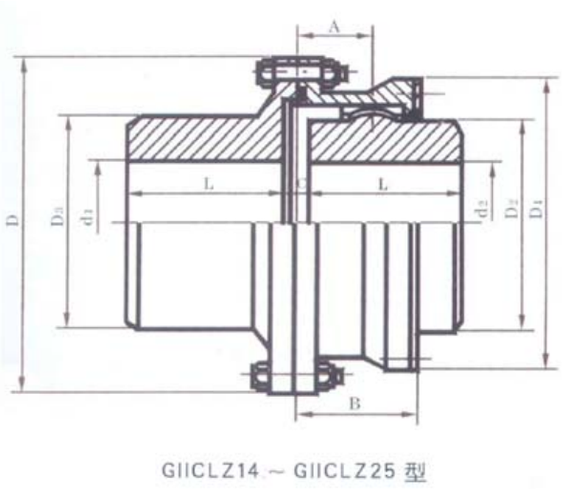
This shaft coupling is suitable for transmission shaft which connects two level coaxial lines and has certain angular displacement. The nominal torque is 0.8 to 3200 KN.m and the temperature of working condition is -20℃ to 80℃.

Dimensions



GIICLZ1 ~ GIICLZ13 型

GIICLZ1-GIICLZ13 Model



GIICLZ14～GIICLZ25 型

GIICLZ14-GIICLZ25 Model

Parameters

Model	NominalTorque Tn (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							
GIICLZ1	355	4000	16-50	38-112	103	2.0	38	8	0.00375－0.007	31	3.5
GIICLZ2	630	4000	16-60	38-142	115	2.0	44	8	0.00625－0.01	42	5.7
GIICLZ3	1000	4000	22-71	38-142	127	2.0	45	8	0.009－0.01675	42	7.6
GIICLZ4	1600	4000	38-80	60-172	149	2.0	49	8	0.02125－0.04875	53	13.5
GIICLZ5	2800	4000	38-90	60-172	167	2.5	54	10	0.044－0.0625	77	23.1
GIICLZ6	4500	4000	45-105	84-212	187	2.5	55	10	0.075－0.1065	91	29.3
GIICLZ7	6300	3750	50-115	84-212	204	2.5	59	10	0.1335－0.1898	108	43.8
GIICLZ8	9000	3300	55-125	84-212	230	3.0	71	12	0.184－0.297	161	54.9
GIICLZ9	14000	3000	60-150	107-252	256	3.0	73	12	0.358－0.575	184	88.0
GIICLZ10	2000	2650	65-150	107-252	287	3.5	82	14	0.58－0.935	276	111.5
GIICLZ11	31500	2350	110-175	167-302	325	3.5	85	14	1.223－1.625	322	162.4
GIICLZ12	45000	2100	130-200	202-352	362	4.0	95	16	2.39－3.093	404	268
GIICLZ13	63000	1850	150-225	202-352	412	4.5	104	18	3.93－6.34	585	320
GIICLZ14	100000	1650	170-250	242-410	162	5.5	148	22	6.9－8.6	1600	438
GIICLZ15	160000	1500	190-285	282-470	512	5.5	158	22	12.425－15.575	2100	650
GIICLZ16	224000	1300	220-320	282-470	580	7.0	177	28	21.2－26.35	2500	857
GIICLZ17	315000	1200	250-365	330-550	644	7.0	182	28	38.825－49.5	2700	1255
GIICLZ18	450000	1050	280-400	380-650	726	8.0	215	28	69.5－90.5	3900	1830

GIICLZ19	630000	950	300-475	380-650	818	9.0	220	32	122.5－161.25	5000	2457
GIICLZ20	900000	800	360-540	450-800	928	10.5	235	32	240－335	6200	3793
GIICLZ21	1250000	750	400-600	540-800	1022	11.5	245	40	435－527.75	7000	5348
GIICLZ22	1600000	650	450-680	540-800	1134	13.0	255	40	701.25－852.25	8700	6871
GIICLZ23	2240000	600	500-770	680-800	1282	14.5	290	50	1415.75－1638.75	15000	10383
GIICLZ24	3150000	550	560-880	680-800	1428	16.5	305	50	2330.5－2976.25	18000	14465
GIICLZ25	4000000	460	670-1040	900-1000	1644	19.0	310	50	5174.25－7198.25	23000	23489

Notes

1. Diameter and length of axel hole should be correspondently selected.
2. Weight and rotational inertia of shaft coupling are calculated according to J_1 type hole.
3. ※ is only limited to d_1.
4. It is suggested to select J_1 type shaft extension.