FLEXIBLE

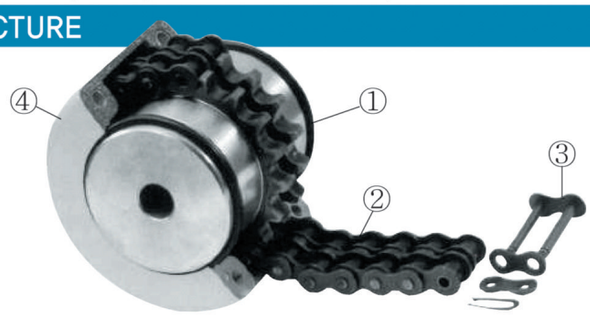
COUPLING

CHAIN COUPLING

FEATURE

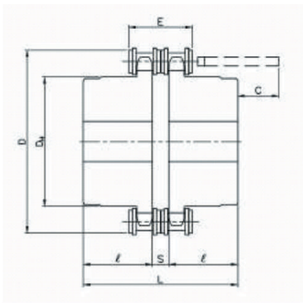
1. Chain coupling is easy to install and maintain during its operation.
2. It can absorb misalignment; parallel misalignment(up to 0.5% of chain pitch) and angular misalignment (up to 0.1°).
3. It provides longer fatigue life with reasonable price.

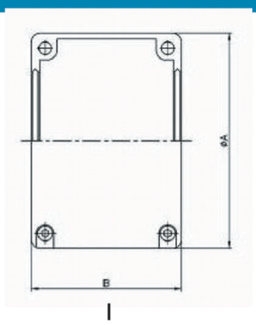
STRUCTURE



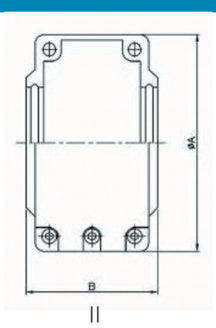
PARTS	
①	SPROCKET
②	ROLLER CHAIN
③	CONNECTING PIN
④	CASE

DIMENSION





I



II

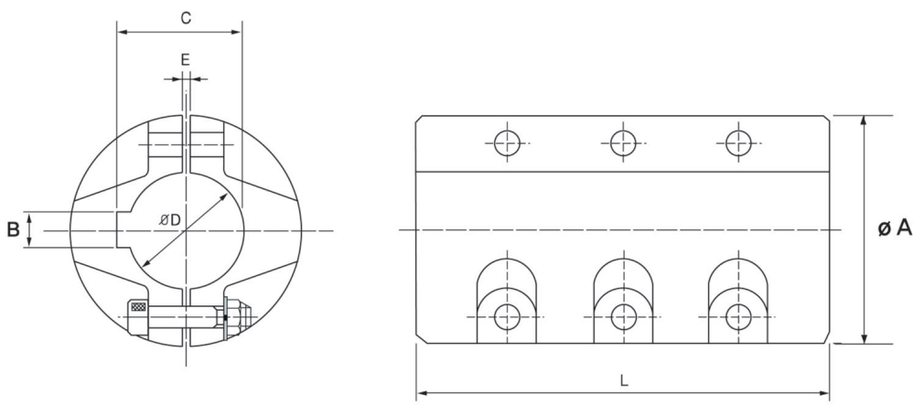
Size	Torque Rating (kgf • m)	Type	Bore Max	Chain		Dimension(mm)						Weight (kg)	Case			
				pitch	width (Max.E)	D	Dн	L	ℓ	S	C		Type	A	B	Weight (kg)
CR4012	17	I	22	12.70	33.1	61	35	79.4	36.0	7.4	10	0.8	I	75	75	0.38
CR4016	30	I	32	12.70	33.1	77	50	87.4	40.0	7.4	6	1.6	I	92	75	30.00
CR5016	57	I	40	15.875	41.0	96	60	99.7	34.0	9.7	12	2.8	I	111	85	57.00
CR5018	72	I	45	15.845	41.0	105	70	99.7	45.0	9.7	12	3.6	I	122	85	72.00
CR6018	136	I	56	19.05	51.1	128	85	123.5	56.0	11.5	15	6.5	I	142	106	136.00
CR6022	183	I	71	19.05	51.1	152	111	123.5	56.0	11.5	15	10.3	I	167	106	183.00
CR8018	302	I	80	25.40	65.3	170	115	141.2	63.0	15.2	30	13.8	I	186	130	302.00
CR8022	433	I	100	25.40	65.3	203	140	157.0	71.0	15.2	22	21.7	I	220	130	433.00
CR10020	682	I	110	31.75	80.3	233	160	178.8	80.0	18.8	30	32.6	I	250	148	682.00
CR2018	1,023	I	125	38.10	101.1	256	170	202.7	90.0	22.7	50	49.9	I	307	181	1,023.00
CR2022	1,325	I	140	58.10	101.1	304	210	222.7	100.0	22.7	40	69.0	I	357	181	1,325.00
CR16018	2,211	I	160	50.80	129.7	341	224	254.1	112.0	30.1	68	96.3	I	406	250	2,211.00
CR16022	3,243	I	200	60.80	129.7	405	280	310.1	140.0	30.1	40	165.8	I	472	250	3,243.00
CR20018	4,422	II	205	63.50	159.0	426	294	519,5	241.0	37.5	0	294.4	I	496	280	4,422.00
CR20022	5,571	II	260	63.50	159.0	507	274	519.5	241.0	37.5	0	461.6	I	578	280	5,571.00
CR24022	10,032	II	310	76.20	194.9	608	420	751.1	353.0	45.1	0	871.0	II	725	355	10,032.00
CR24026	12,175	II	380	76.20	194.9	705	520	353.0	45.1	45.1	0	1,276.0	II	780	355	12,175.00
CR32022	19,870	II	430	101.6	263	806	570	860.1	400.0	60.1	0	1,791.0	II	880	384	19,870.00

MUFF COUPLING

FEATURE

1. Muff coupling is simplest rigid structure with two halves part of the cast iron, CGD450. It makes easy to assemble and disassemble the coupling without changing the position of the shaft.
2. It consists of a hollow cylinder type whose inner diameter("D") is the same as shaft and standard keyway based on KS, JIS.
3. The basic structure transmits the torque according to strong friction force by inserting a key at the clamp.
4. The standard material is FCD450.

DIMENSION



Size	Bore D(H8)	A	L	KEY WAY			E	BOLT	Torque (kgf • m)	Weight (kg)
				B(JS9)	C	KEY(b×h)				
M25	25H8	50	88	7	28.0	7×7	1.6	4-M6×30L	22	1.0
M30	30H8	60	105	7	33.3	7×7	1.6	4-M6×30L	30	1.5
M35	35H8	70	120	10	38.5	10×8	1.6	4-M6×35L	40	2.5
M40	40H8	80	140	10	43.5	10×8	1.6	6-M6×40L	55	3.9
M45	45H8	90	160	12	48.3	12×8	1.6	6-M6×45L	70	5.6
M50	50H8	100	176	12	53.5	12×8	2.0	6-M6×45L	95	7.2
M55	55H8	110	180	15	60.0	15×10	2.0	6-M6×45L	120	9.6
M60	60H8	120	184	15	65.0	15×10	2.0	6-M12×50L	150	11.6
M65	65H8	130	200	18	69.4	18×11	2.5	6-M12×50L	205	12.2
M70	70H8	140	214	18	74.4	18×11	2.5	6-M14×55L	245	15.7
M75	75H8	150	240	20	79.9	20×12	2.5	6-M14×55L	300	20.6
M80	80H8	160	264	20	86.0	20×12	2.5	6-M16×55L	360	21.5
M85	85H8	170	278	24	93.0	24×16	2.5	6-M16×55L	435	27.4
M90	90H8	180	292	24	98.0	24×16	3.0	6-M18×75L	530	30.0
M95	95H8	190	300	24	103.0	24×16	3.0	6-M18×75L	615	37.5
M100	100H8	200	320	28	106.4	28×16	3.0	6-M18×75L	690	42.0
M110	110H8	210	360	28	116.4	28×16	3.0	6-M18×75L	900	56.0
M120	120H8	280	410	32	127.4	32×18	3.0	6-M20×75L	1,100	85.0

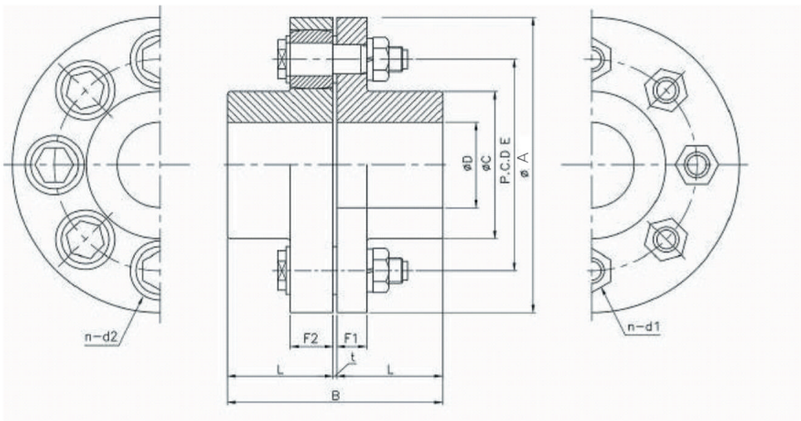
FLANGE COUPLING

FEATURE

Here is the feature of the flange coupling.

1. Easy to disassemble and assemble.
2. No need for lubrication and reduce the expenses of maintenance.
3. It is excellent to soften the impact and absorb the vibration.
4. The standard material is FC200.

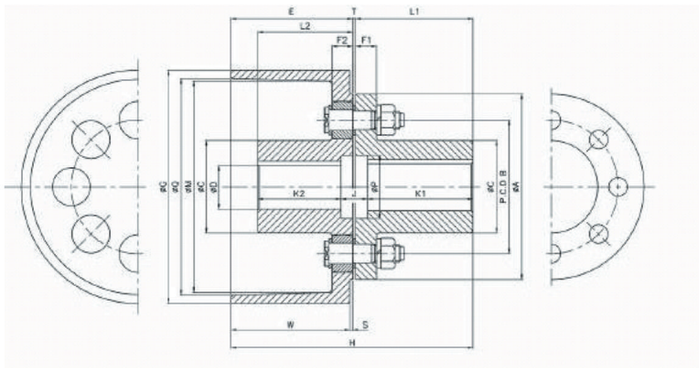
DIMENSION



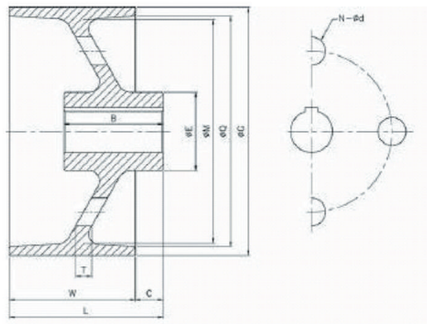
Size	HP Per 100 (rpm)	Allow Speed (rpm)	Torque Rating (kgf • m)	Bore Max		Dimension(mm)									Bolt Hole			Weight (kg)
				D_1	D_2	A	B	C_1	C_2	E	F_1	F_2	L	t	n	d_1	d_2	
90A	0.07	4,000	0.50	20		90	59	35.5		60	14.0	14.0	28.0	3	4	8	19	1.4
100A	0.14	4,000	1.00	25		100	74	42.5		67	16.0	16.0	35.5	3	4	10.0	23	2.1
112A	0.23	4,000	1.61	28		112	83	56	50	75	16.0	16.0	40.0	3	4	10.0	23	2.7
125A	0.35	4,000	2.50	32	28	125	93	71	50	85	18.0	18.0	45.0	3	4	14.0	32	3.5
140A	0.67	4,000	5.01	38	35	140	103	63		100	18.0	18.0	50.0	3	6	14.0	32	4.9
160A	1.56	4,000	11.20	45		160	115	80		115	18.0	18.0	56.0	3	8	14.0	32	6.8
180A	2.24	3,500	16.07	50		180	129	90		132	18.0	18.0	63.0	3	8	14.0	32	9.6
200A	3.50	3,200	25.03	56		200	146	100		145	22.4	22.4	71.0	4	8	20.0	41	13.2
224A	5.59	2,550	40.03	63		224	164	112		170	22.4	22.4	80.0	4	8	20.0	41	18.4
250A	8.80	2,300	63.02	71		250	184	125		180	28.0	28.0	90.0	4	8	25.0	51	26.0
280A	14.00	2,050	100.32	80		280	204	140		200	28.0	40.0	100.0	4	8	28.0	57	36.5
315A	22.00	1,800	160.71	90		315	228	160		236	28.0	40.0	112.0	4	10	28.0	57	49.1
355A	35.00	1,600	250.32	100		355	255	180		260	35.5	56.0	125.0	5	8	35.5	72	74.9
400A	56.00	1,400	400.31	110		400	255	200		300	35.5	56.0	125.0	5	10	35.5	72	94.3
450A	88.00	1,350	630.18	125		450	255	224		355	35.5	56.0	140.0	5	12	35.5	72	127.8
560A	140.00	1,150	1000.30	140		560	325	250		450	35.5	56.0	160.0	5	14	35.5	72	206.3
630A	233.00	1,000	1,600.00	160		630	365	280		530	35.5	56.0	180.0	5	18	35.5	72	277.0

BRAKE DRUM COUPLING

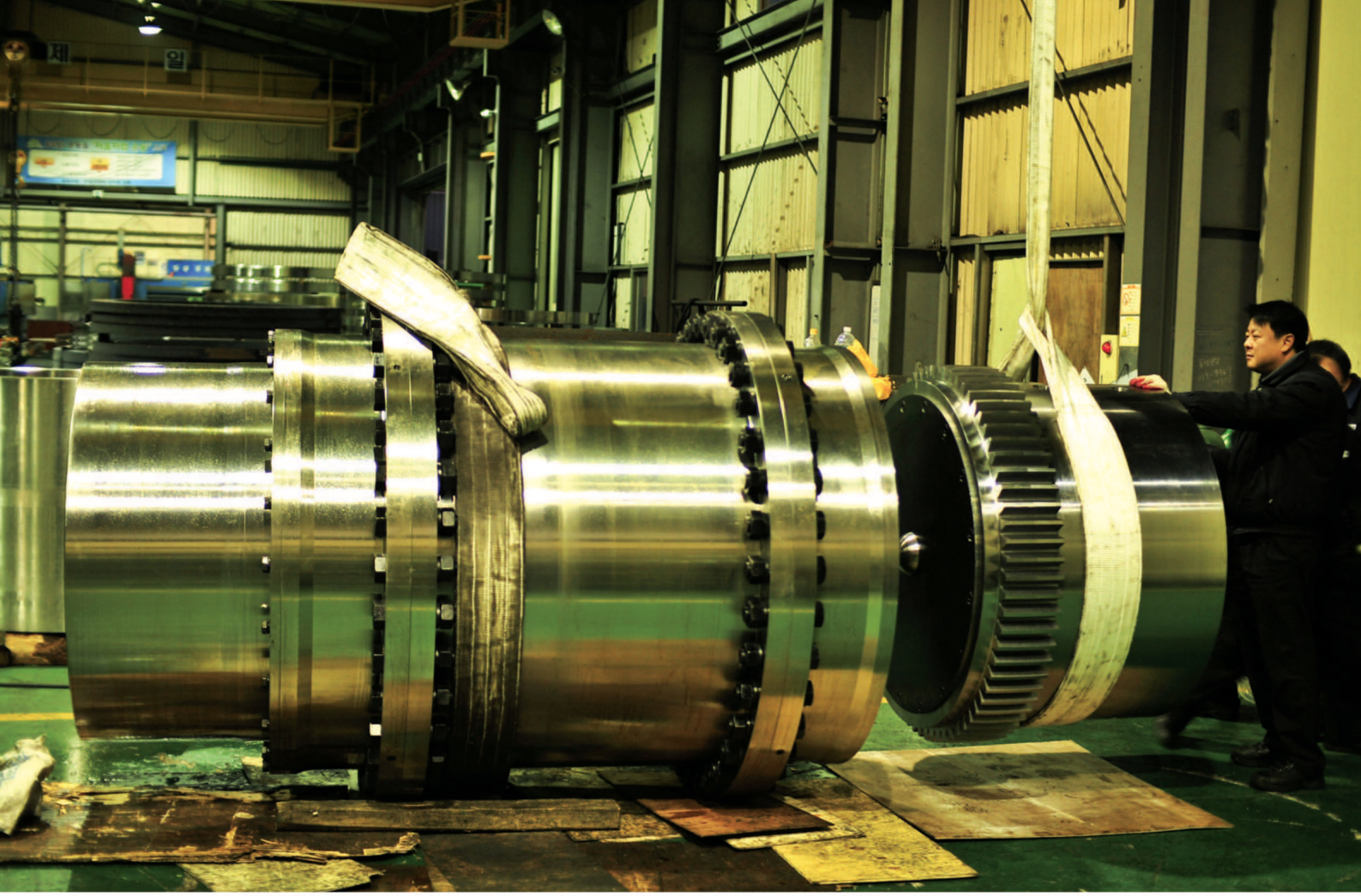
DIMENSION



Size	Dimension(mm)																	Weight (kg)	GD² (kgf • m²)
	BoreØD Max	ØG	W	S	E	L1	L2	H	T	ØC	K1	K2	J	ØP	ØM	ØQ	ØA		
BDC160	37	160	80	4	84	95	76	182	3	63	82	63	29	43	140	145	140	9	0.20
BDC200	53	200	100	4	104	128	96	235	3	90	112	80	35	60	178	184	180	19	0.30
BDC250S	66	250	125	4	129	128	106	261	4	112	112	90	36	75	224	230	224	34	0.80
BDC250L	66	250	125	4	129	158	106	291	4	112	142	90	36	75	224	230	224	36	0.81
BDC315	75	315	160	4	164	158	128	326	4	125	142	112	36	85	285	292	250	57	2.40
BDC355	84	355	180	4	184	160	130	348	4	140	142	112	40	95	320	330	280	80	4.30
BDC400	95	400	200	4	204	190	158	398	4	160	172	140	40	105	362	374	315	110	6.80
BDC450	105	450	224	4	228	195	163	428	5	180	172	140	51	125	410	422	355	160	13.60
BDC500	115	500	250	4	254	235	183	494	5	200	212	160	51	135	445	462	400	250	26.00
BDC560	130	560	280	4	284	240	188	529	5	224	212	160	61	150	495	516	450	310	42.00
BDC762	165	762	362	4	366	240	208	611	5	280	212	180	61	190	690	710	630	580	160.00



Size	Dimension(mm)											Weight (kg)	GD² (kgf • m²)
	BoreØD Max	ØG	W	C	L	B	ØE	ØM	ØQ	T	N-Ød		
BD160	37	160	80	32	112	82	63	140	145	16	4-19	6	0.07
BD200	48	200	100	32	132	112	80	178	184	16	4-19	10	0.21
BD250	60	250	125	32	157	112	100	224	230	16	4-30	18	0.57
BD315	60	315	160	35	195	112	100	285	292	20	4-30	29	1.70
BD355	67	355	180	40	220	142	112	320	330	20	4-40	40	3.10
BD400	75	400	200	40	240	142	125	362	374	25	4-40	60	5.50
BD450	96	450	224	55	279	172	160	410	422	25	4-40	85	9.40
BD500	108	500	250	60	310	212	180	445	462	28	4-40	130	18.00
BD560	120	560	280	65	345	212	200	495	516	28	4-40	180	33.00
BD762	135	762	362	80	442	212	224	690	710	35	4-40	340	124.00



Jac coupling

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