



SANGYONG

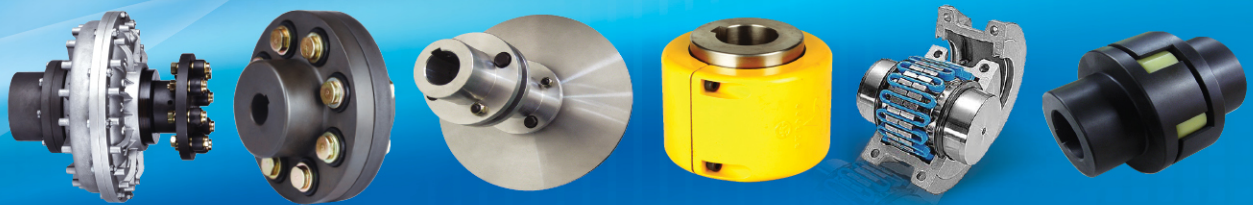
POWER TRANSMISSION **MANUFACTURING**



SANGYONG is a professional manufacturer major components of power transmission .

Founded in 1998 by designing and manufacturing a full product based on the experience over several years to match the world but also to localize the fluid coupling ring that relied only on income and contribute to national development and the country's ma SANGYONG's goal is to supply high quality products quickly and standardized products with competitive price.

standards,
chinery industry



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FLUID COUPLING

Fluid couplings are fitted on electric motors

The Fluid Couplings are fitted on triphase squirrel-cage motors which supply maximum at 85% of rated speed. With direct-on-line starting, these motors absorbed about 6 times nominal current. To avoid these inconveniences, some people substitute direct starting with other methods.

The most usual method is star-delta that reduces about 1/3 the absorbed current peaks during the initial operation in the case of high inertia systems.

Fluid coupling with delayed-fill chamber

Fluid couplings have very low starting torque ensuring that the electric motor do not exceed 200% nominal torque with standard circuit in max condition.

It's possible to further limit the starting torque by reducing the oil quantity inside of circuit, obtaining starting torque values up to 160% of nominal torque.

The method has the disadvantage of increasing the coupling slip at rated speed and the operation temperature of the coupling. The more technically sound method to obtaining the limitation of starting torque is the use of a Delayed-Fill Chamber. This is bolted on the external circuit have calibrated oil bleed-orifices into the working circuit.

In standstill condition, the delayed-fill chamber contains parts of the oil fill, reducing the oil quantity in the working circuit.

During starting, oil flows proportionally to the speed from the delayed-fill chamber to inside working circuit.

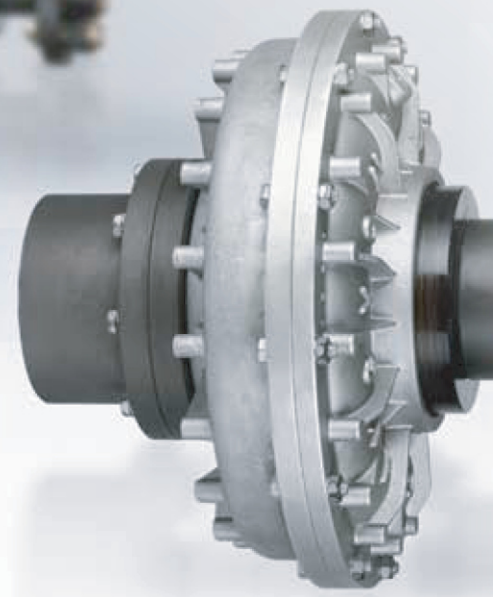
When the coupling reaches rated speed almost all the oil is in the circuit and the torque is transmitted at minimum slip.

With the delayed-fill chamber the starting torque reaches the 140% or less of normal torque.

Thus, it is particularly suitable for soft starting : typical application is on belt conveyors.

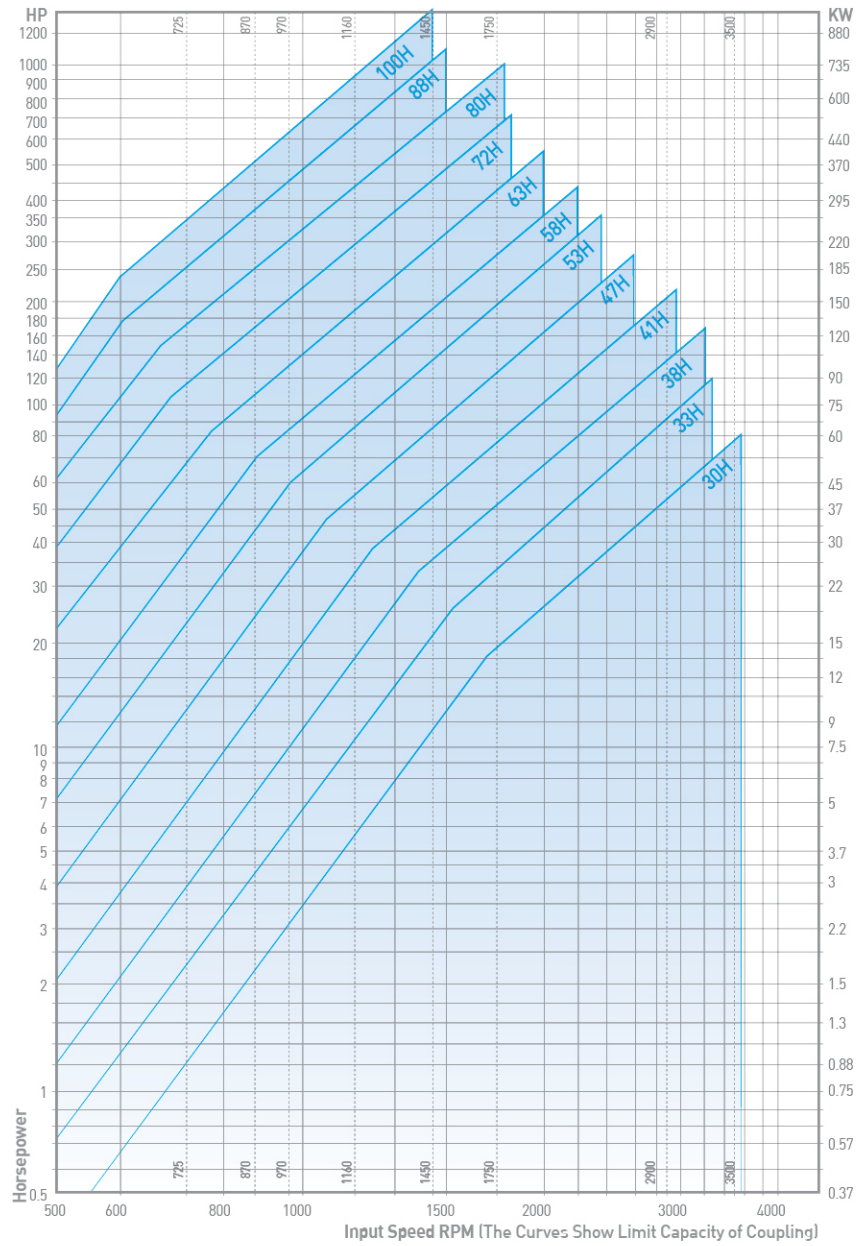
The advantages of the delayed-fill chamber are more obvious with high power.

For this reason, it is available from size of 38H.





General Reference Horsepower Chart



FLUID COUPLING

Distinctive Features

Excessive load fluctuation field(Agitator, Crusher)

Frequent starting field (Mill, Crane)

In the case of starting with load (Conveyor, dehydrator), the application need fluid coupling strongly to escape all kinds of load problem during operating.

Along with our fluid coupling, you can get the following profits; Using general motors instead of expensive special motors.

Protecting reduction of velocity at momentary over load or burn out of motors.

Reverse rotation is possible to stop the driven.

Motors and driven are protective due to no connecting with driven when occurring impulse load.

Starting is possible absorbing 75% of starting current.

SELECTION TABLE *Fluid couplings for standard electric motors.

MOTOR	
TYPE	SHAFT DIA.
100L	28
112M	28
132	38
132M	38
160M	42
160L	42
180M	48
180L	48
200L	55
225S	60
225M	55,60
250M	60,65
280S	65,75
280M	65,75
315S	65,80
315M	65,80
355S	80,100
355M	80,100

NO-STANDARD

1200 RPM (60HZ)6P		
KW	HP	COUPLING
-	-	-
-	-	-
3	4	30H
4	5.5	33H
5.5	7.5	38H
7.5	10	41H
11	15	47H
15	20	53H
18.5	25	58H
22	30	63H
-	-	72H
30	40	80H
37	50	
45	60	53H
55	75	
75	100	58H
90	125	63H
110	150	72H
132	180	80H
160	220	
200	270	
250	340	88H

Max		
450	610	88H
560	762	100H
710	965	

1800 RPM (60HZ)4P		
KW	HP	COUPLING
-	-	-
-	-	-
-	-	-
-	-	-
11	15	30H
15	20	33H
18.5	25	38H
22	30	41H
30	40	47H
37	50	53H
45	60	58H
55	75	63H
75	100	72H
90	125	
110	150	
132	180	
160	220	
200	270	
250	340	
315	430	

Max		
510	694	80H
700	952	88H

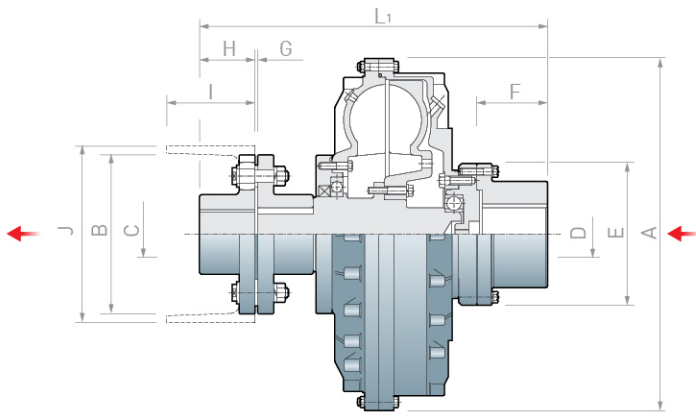
1000 RPM (50HZ)6P		
KW	HP	COUPLING
1.5	2	30H
2.2	3	33H
3	4	38H
4	5.5	41H
5.5	7.5	47H
7.5	10	53H
11	15	58H
-	-	63H
15	20	72H
18.5	25	80H
22	30	88H
-	-	
30	40	
37	50	
45	60	
55	75	
75	100	
90	125	
110	150	
132	180	
160	220	
200	270	

Max		
370	500	88H
510	694	100H

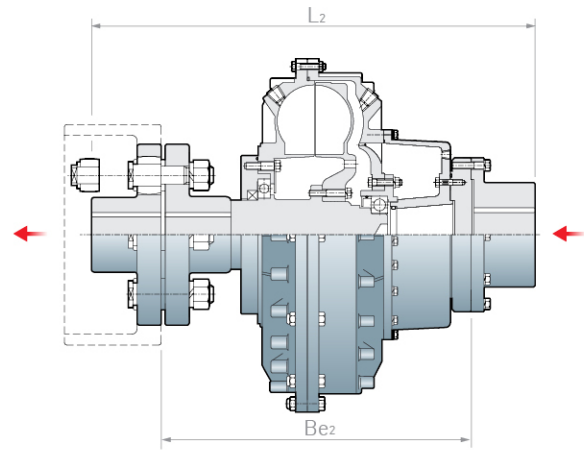
1500 RPM (50HZ)4P		
KW	HP	COUPLING
-	-	-
-	-	-
5.5	7.5	30H
7.5	10	33H
11	15	38H
15	20	41H
18.5	25	47H
22	30	53H
30	40	58H
37	50	63H
45	60	72H
55	75	
75	100	
90	125	
110	150	
132	180	
160	220	
200	270	
250	340	
315	430	

Max		
510	694	80H
810	1100	88H

900 RPM (60HZ)8P		
KW	HP	COUPLING
-	-	-
1.5	2	30H
2.2	3	33H
-	-	38H
3	4	41H
4	5.5	47H
5.5	7.5	53H
7.5	10	58H
-	-	63H
11	15	72H
15	20	80H
18.5	25	88H
22	30	
30	40	
37	50	
45	60	
55	75	
75	100	
90	125	
110	150	
160	220	



HFF-HFFB

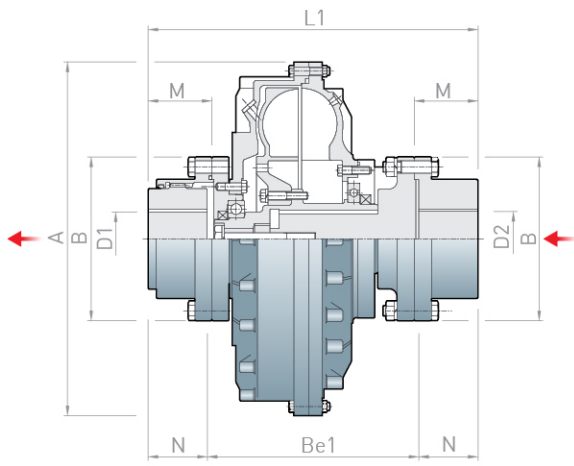


CHFF-CHFFB

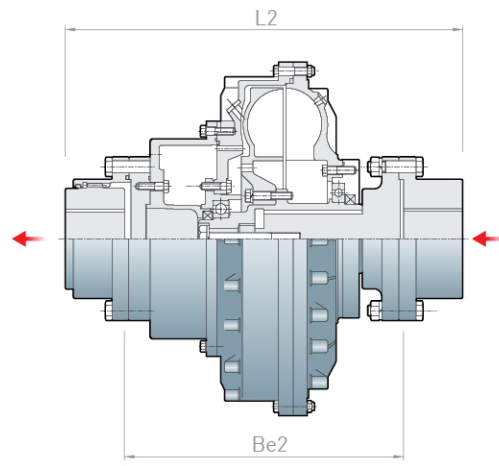
HFF-HFFB, CHFF-CHFFB

DIM SIZE	A	B	C max	D max	E	F	H	G	I	Be1	Be2	L1	L2	Brake Drum		Weight Kgf (without Oil)		OIL (Max-liter)	
														J	K	HFF	CHFF	HFF	CHFF
30	295	160	45	75	160	85	56	3	64	214	-	355	-	200x100	28	-	1.95	-	
33	325	180	50	75	160	85	63	3	64	230	-	378	-	200x100	32	-	2.75	-	
38	370	200	56	75	160	85	71	4	85	251	318	407	474	200x100	42	45	4.10	4.8	
41	398	224	63	75	160	85	80	4	85	270	345.5	435	510.5	250x125	53	56	5.20	5.8	
47	440	250	71	95	200	105	90	4	100	314	393	509	588	315x160	85	89	7.65	8.6	
53	520	280	80	95	200	105	100	4	116	351	433	556	638	400x200	114	120	11.70	13.2	
58	565	280	80	95	200	105	100	4	116	351	433	556	638	400x200	123	129	14.20	16.5	
63	620	315	90	105	224	118	112	4	116	403	505	633	735	450x224	177	187	19.00	23.0	
72	710	355	100	105	224	118	125	5	150	417	519	660	762	450x224	226	236	28.40	31.2	
80	780	400	110	150	280	147	125	5	150	450	609	722	881	500x250	335	358	42.00	50.0	
88	860	450	125	150	280	147	140	5	150	494	653	781	940	560x280	416	439	55.00	63.0	
100	1000	450	130	135	318	160	140	5	150	659	659	-	1022	762x362	505	520	82.5	92.5	

*Available Production Model : HF, HS, HG, CHG, CHF, CHS, HP, CHP.
 *You can find all information at "www.sangyong.co.kr" to verify all production.



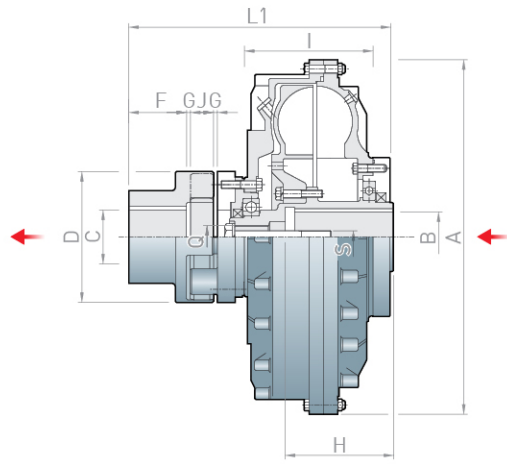
HG



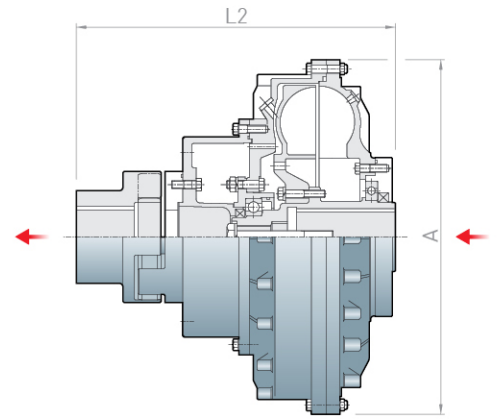
CHG

HG, CHG

DIM SIZE	A	B	Bore max		M	N	Be1	Be2	L1	L2	Gear Size	Weight Kgf (without Oil)		OIL (l) (maximum)	
			D1	D2								HG	CHG	HG	CHG
30	295	152	60	75	55	49	209	-	307	-	15GD	24	-	1.95	-
33	325	152	60	75	55	49	214	-	312	-	15GD	26	-	2.75	-
38	370	152	60	75	55	49	215	297	313	395	15GD	29.6	32.5	4.1	4.8
41	398	152	60	75	55	49	242	308	340	406	15GD	38.7	41.7	5.2	5.8
47	460	213	92	111	83	77	275	363	429	517	25GD	80	84	7.7	8.6
53	520	213	92	111	83	77	303	390	457	544	25GD	94.5	100.5	11.7	13.2
58	565	213	92	111	83	77	303	390	457	544	25GD	101.5	107.5	14.2	16.5
63	620	240	105	130	97	91	335	461	517	643	30GD	147.1	157.1	19	23.0
72	710	240	105	130	97	91	335	461	517	643	30GD	165.1	175.1	28.4	31.2
80	780	279	124	149	114	106	386	549	598	761	35GD	262	281	42	50.0
88	860	279	124	149	114	106	420	577	632	789	35GD	316	334	55	63.0
100	1000	318	146	171	129	121	480	622	722	864	40GD	500.5	515.5	82.5	92.5



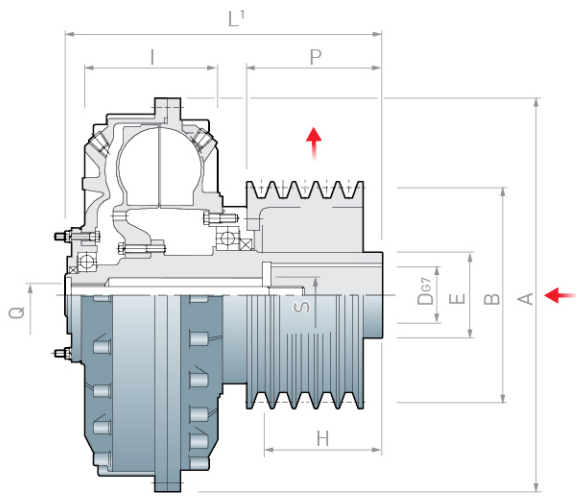
HJ



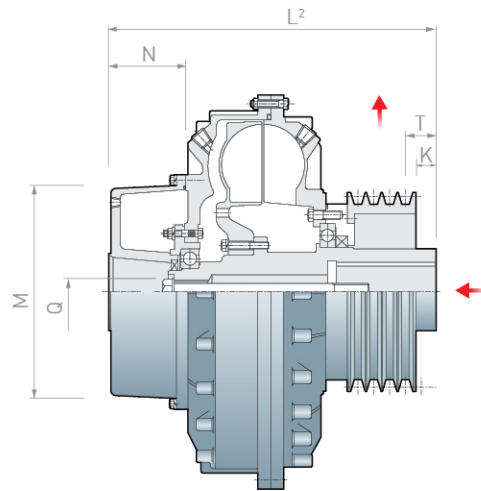
CHJ

HJ, CHJ

DIM SIZE	A	B	H		Q	S			C max	D	F	G	I	J	L1	L2	JAW COUPLING SIZE	Weight (Kgf)		OIL	
						M16	M10	M12										HJ	CHJ	HJ	CHJ
30	295	28	38	60	80	M16	M10	M12	55	126	56	4+2	95	25	253	-	SJ126	18	-	1.95	-
	295	42	48	110	110	M20	M16	M16	55	126	56	4+2	95	25	253	-	SJ126	18	-	1.95	-
33	325	28	38	60	80	M16	M10	M12	55	126	56	4+2	105	25	260	-	SJ126	20	-	2.75	-
	325	42	48	110	110	M20	M16	M16	55	126	56	4+2	105	25	260	-	SJ126	20	-	2.75	-
38	370	38	38	80	80	M16	M12	M12	55	126	56	4+2	120	25	260	328	SJ126	23	26	4.1	4.8
	370	42	48	110	110	M20	M16	M16	55	126	56	4+2	120	25	260	328	SJ126	23	26	4.1	4.38
41	398	42	48	110	110	M27	M16	M16	85	170	75	5+3	135	30	321	374	SJ170	43	46	5.2	5.8
	398	55	60	110	110	M27	M20	M20	85	170	75	5+3.1	135	30	321	374	SJ170	43	46	5.2	5.8
47	460	48	55	110	110	M27	M16	M20	85	170	75	5+3.1	150	30	343	414	SJ170	59	63	7.7	8.6
	460	60	65	140	140	M27	M20	M20	85	170	75	5+3.1	150	30	343	414	SJ170	59	63	7.7	8.6
53	520	60	65	140	140	M27	M20	M20	125	260	112.5	7+4	170	45	420	500	SJ260	86	92	11.7	13.2
	520	75	80	140	170	M27	M20	M20	125	260	112.5	7+4	170	45	420	500	SJ260	86	92	11.7	13.2
58	565	60	65	140	140	M27	M20	M20	125	260	112.5	7+4	190	45	420	500	SJ260	92	98	14.2	16.5
	565	75	80	140	170	M27	M20	M20	125	260	112.5	7+4	190	45	420	500	SJ260	92	98	14.2	16.5
63	620	75	75	140	140	M36	M20	M20	140	300	131.5	7+4	205	50	490	590	SJ300	141	151	19	23
	620	80	90	170	170	M36	M20	M24	140	300	131.5	7+4	205	50	490	590	SJ300	141	151	19	23
72	710	80	90	170	170	M36	M20	M24	140	300	131.5	7+4	228	50	490	590	SJ300	183	193	28.4	31.2
	710	100	100	210	210	M36	M24	M24	140	300	131.5	7+4	228	50	490	590	SJ300	183	193	28.4	31.2
80	780	120max		210	210	M45	M24	M24	150	360	172	8+4	275	55	577	696	SJ360	268	284	42	50
88	860	135max		240	240	M45	M24	M24	150	360	172	8+4	300	55	605	724	SJ360	386	404	55	63
100	1000	150max		265	265	M45	M36	M36	160	400	163.5	7.5+4	340	55	656.5	794.5	SJ400	492	510	85.5	92.5



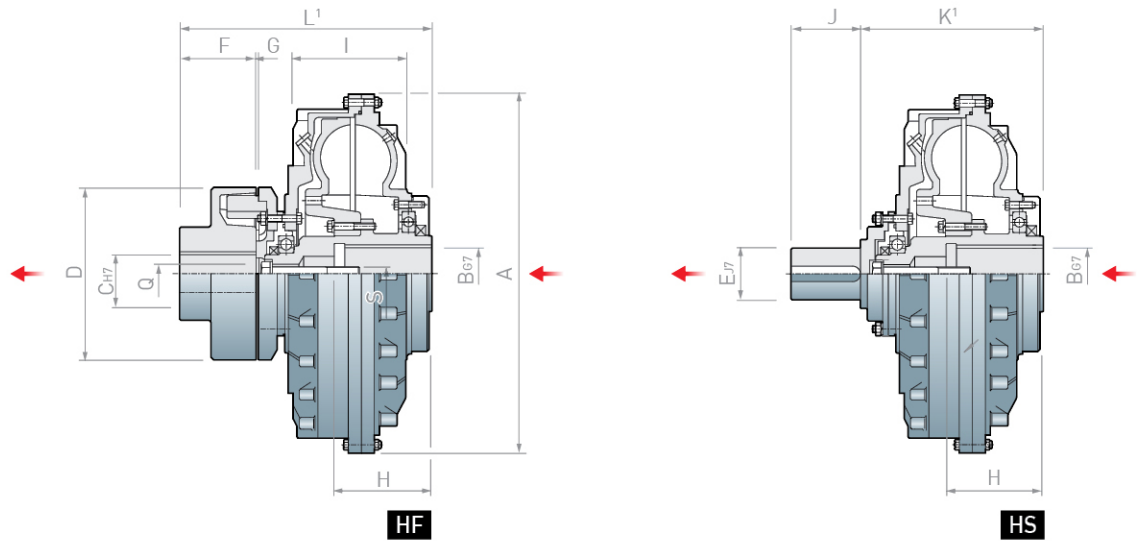
HP



CHP

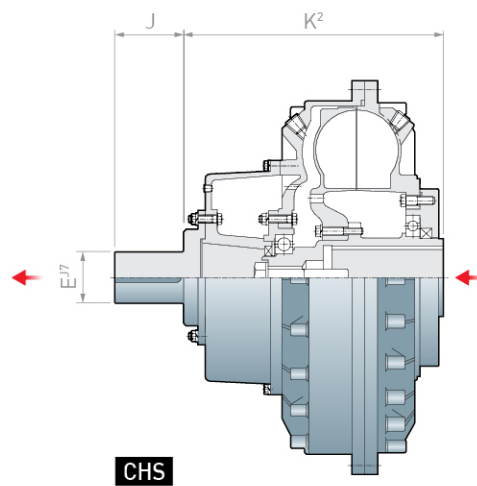
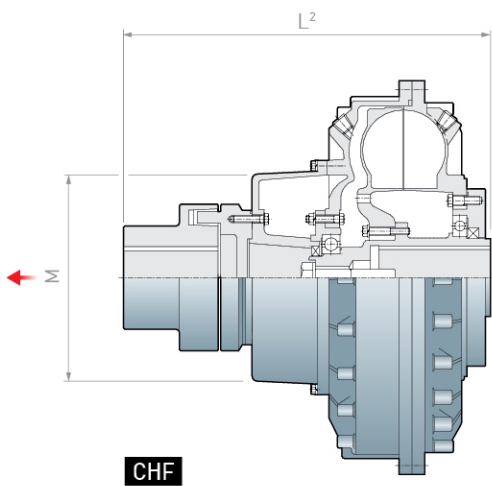
HP, CHP

DIM SIZE	A	D	B		E	H	Q	S	I	P	M	N	T	K	L1	L2	Weight Kgf (without Oil)		OIL (Max-liter)	
			DP	N-Type													HP	CHP	HP	CHP
30	295	28	112	5SPA/A	69	60	M16	M10	95	85	-	-	15	5	250	-	13.0	-	1.95	-
	295	38	125	4SPB/B	69	80	M16	M12	95	85	-	-	15.5	3	250	-	13.0	-	1.95	-
33	325	42	160	4SPB/B	69	110	M20	M16	105	85	-	-	15.5	3	259	-	15.0	-	2.75	-
	325	48	200	3SPB/B	69	110	M20	M16	105	85	-	-	34.5	22	259	-	15.0	-	2.75	-
38	370	38	140	5SPB/B	79	80	M16	M12	120	98	220	83	15.5	3	274	330	19.0	22.0	4.10	4.8
	370	38	180	4SPB/B	79	110	M20	M16	120	98	220	83	28.5	16	274	330	19.0	22.0	4.10	4.8
	370	42	200	3SPC/C	79	110	M20	M16	120	98	220	83	30	13	274	330	19.0	22.0	4.10	4.8
	370	48	200	4SPC/C	79	110	M20	M16	120	98	220	83	26	9	274	330	19.0	22.0	4.10	4.8
41	398	42	180	6SPB/B	88	110	M27	M16	135	156	220	83	50.5	36	359	410	31.0	34.0	5.20	5.8
	398	48	180	6SPB/B	88	110	M27	M16	135	156	220	83	50.5	36	359	410	31.0	34.0	5.20	5.8
	398	55	250	6SPB/B	88	110	M27	M20	135	156	220	83	50.5	36	359	410	31.0	34.0	5.20	5.8
	398	60	250	5SPC/C	88	140	M27	M20	135	156	220	83	39	20	359	410	31.0	34.0	5.20	5.8
47	460	55	200	6SPB/B	103	110	M27	M20	150	161	255	92	51.5	41	384	438	46.0	50.0	7.65	8.6
	460	60	200	6SPB/B	103	140	M27	M20	150	161	255	92	40	25	384	438	46.0	50.0	7.65	8.6
	460	65	250	5SPC/C	103	140	M27	M20	150	161	255	92	40	25	384	438	46.0	50.0	7.65	8.6
	460	75	280	5SPC/C	103	140	M27	M20	150	161	255	92	40	25	384	438	46.0	50.0	7.65	8.6
53	520	60	265	7SPB/B	135	140	M27	M20	170	180	330	101	53.5	41	430	491	74.0	80.0	11.70	13.2
	520	60	315	5SPB/B	135	140	M27	M20	170	180	330	101	72.5	60	430	491	74.0	80.0	11.70	13.2
	520	65	355	6SPC/C	135	140	M27	M20	170	180	330	101	35.5	18.5	430	491	74.0	80.0	11.70	13.2
58	565	75	315	6SPB/B	135	140	M27	M20	190	180	330	101	72.5	60	430	491	82.0	88.0	14.20	16.5
	565	80	355	6SPC/C	135	170	M27	M20	190	180	330	101	35.5	18.5	430	491	82.0	88.0	14.20	16.5
63	620	80	355	8SPC/C	145	170	M36	M20	205	190	400	115	20	3	505	580	110.0	120.0	19.00	23.0
	620	90	400	8SPC/C	145	170	M36	M24	205	190	400	115	20	3	505	580	129.0	120.0	19.00	23.0
72	710	100	355	8SPC/C	145	230	M36	M24	228	230	400	115	20	43	505	580	147.0	137.0	28.40	31.2
	710	100	400	8SPC/C	145	210	M36	M24	228	230	400	115	60	43	540	620	147.0	117.5	28.40	31.2



HF, HS

DIM SIZE	A	B	H	Q	S	C max	D	F	G	I	L ₁	E	J	K ₁	Weight Kgf (without Oil)		OIL (Max-liter)				
															HF	HS	HF	HS			
30	295	28	38	60	80	M16	M10	M12	55	132	80	2	95	246	38	50	176	16.0	11.6	1.95	-
	295	42	48	110	110	M20	M16	M16	55	132	80	2	95	246	38	50	176	16.0	11.6	1.95	-
33	325	28	38	60	80	M16	M10	M12	55	132	80	2	105	255	42	50	185	18.0	13.0	2.75	-
	325	42	48	110	110	M20	M16	M16	55	132	80	2	105	255	42	50	185	18.0	13.0	2.75	-
38	370	38	38	80	80	M16	M12	M12	55	132	80	2	120	255	42	50	185	21.5	16.7	4.10	4.8
	370	42	48	110	110	M20	M16	M16	55	132	80	2	120	255	42	50	185	21.5	16.7	4.10	4.8
41	398	42	48	110	110	M27	M16	M16	70	170	80	3	135	285	48	60	212	34.0	26.3	5.20	5.8
	398	55	60	110	110	M27	M20	M20	70	170	80	3	135	285	48	60	212	34.0	26.3	5.20	5.8
47	460	48	55	110	110	M27	M16	M20	80	170	110	3	150	343	60	80	230	50.3	40.4	7.65	8.6
	460	60	65	140	140	M27	M20	M20	80	170	110	3	150	343	60	80	230	50.3	40.4	7.65	8.6
53	520	60	65	140	140	M27	M20	M20	90	250	110	3	170	362	75	100	263	77.0	58.1	11.70	13.2
	520	75	80	140	170	M27	M20	M20	90	250	110	3	170	362	75	100	263	77.0	58.1	11.70	13.2
58	565	60	65	140	140	M27	M20	M20	90	250	110	3	190	362	75	100	263	84.0	65.1	14.20	16.5
	565	75	80	140	170	M27	M20	M20	90	250	110	3	190	362	75	100	263	84.0	65.1	14.20	16.5
63	620	75	75	140	140	M36	M20	M20	110	290	140	3	205	433	90	120	292	129.0	99.5	19.00	23.0
	620	80	90	170	170	M36	M20	M24	110	290	140	3	205	433	90	120	292	129.0	99.5	19.00	23.0
72	710	80	90	170	170	M36	M20	M24	110	290	140	3	228	468	90	120	292	147.0	117.5	28.40	31.2
	710	100	100	210	210	M36	M24	M24	110	290	140	3	228	468	90	120	327	147.0	117.5	28.40	31.2
80	780	120Max		210	210	M45	M24	M24	120	350	150	4	275	484	100	140	333	228.0	178.0	42.00	50.0
88	860	135Max		240	240	M45	M24	M24	120	350	150	4	300	513	100	140	362	281.0	231.0	55.00	63.0
100	1000	150Max		265	265	M24	M24	M24	160	395	170	5	340	638	140	150	437	337.0	358	82.50	92.5



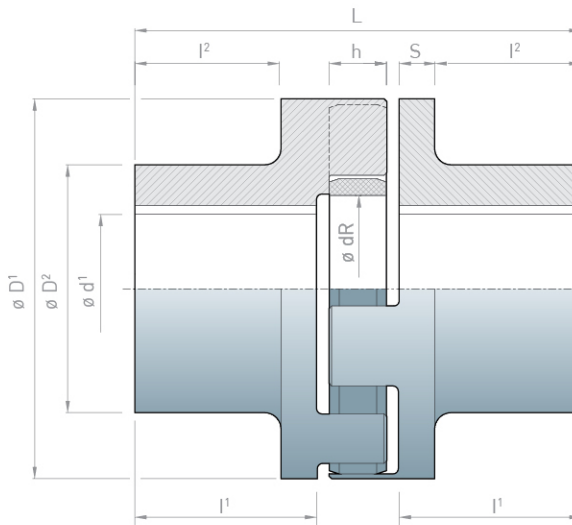
CHF, CHS

DIM SIZE	L2	K2	M	Weight Kgf (without Oil)		OIL (Max-liter)		
				CHF	CHS	2	3	4
38	322	252	220	24.5	19.7	4.8	4.2	3.6
41	345	272	220	37.0	29.3	5.8	5.2	4.7
47	411	298	255	54.3	44.4	8.6	7.7	6.4
53	442	343	330	83.0	64.1	13.6	12.8	11.7
58	442	343	330	90.0	71.7	16.3	15.2	14.0
63	533	392	400	139.0	108.5	23.0	21.3	19.3
72	533	392	400	157.0	127.5	31.2	28.6	26.0
	568	427	400	157.0	127.5	31.2	28.6	26.0
80	602	451	530	246.0	185.0	50.0	46.5	43.0
88	631	480	530	299.0	249.0	63.0	59.0	54.0
100	790	568	530	496	373	92.5	88.5	83.5

JAW COUPLING

Distinctive Features

Flexible torsion coupling method gives many problems during operation (noise, vibration, and shock) to mitigate or reduce. The urethane material in the jaw coupling can endure a compressive load of the twist angle of up to 5°.



JAW COUPLING

SIZE	Dimension(mm)									Torque (kg.m)	Weight (Kg)
	d1max	D1	D2	L	l1	l2	S	H	dR		
SJ 126	55	126	85	145	56	44.0	4.0+2.0	25	54	76.5	7.5
SJ 145	65	145	95	160	61.0	47.5	4.0+2.5	30	66	122.4	10.6
SJ 170	85	170	120	190	75.0	60.5	5.0+3.0	30	90	193.8	18.0
SJ 200	95	200	135	245	99.0	79.5	6.0+3.0	35	100	336.7	31.0
SJ 230	105	230	150	270	110.0	88.5	7.0+3.5	35	115	525.5	43.5
SJ 260	125	260	180	285	112.5	88.5	7.0+4.0	45	150	811.2	63.0
SJ 300	140	300	200	330	131.5	107.5	7.0+4.0	50	162	1,193.8	91.5
SJ 360	150	360	210	417	172.0	140.0	8.0+4.0	55	215	1,989.7	146.2
SJ 400	160	400	225	400	163.5	137.0	7.5+4.0	55	250	2,724.4	160.4

GEAR COUPLING

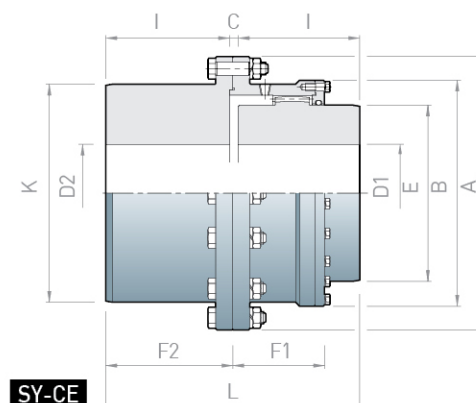
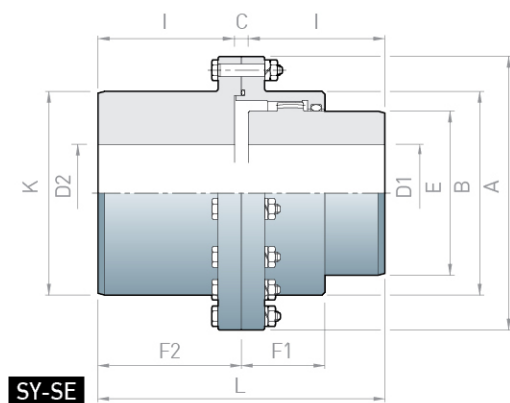
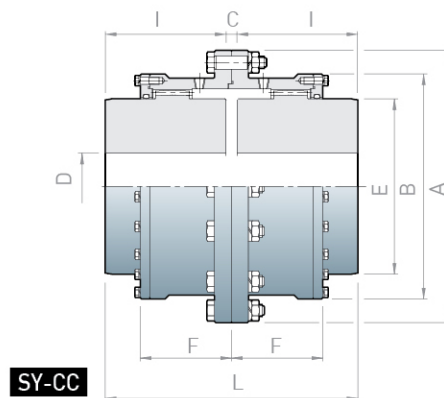
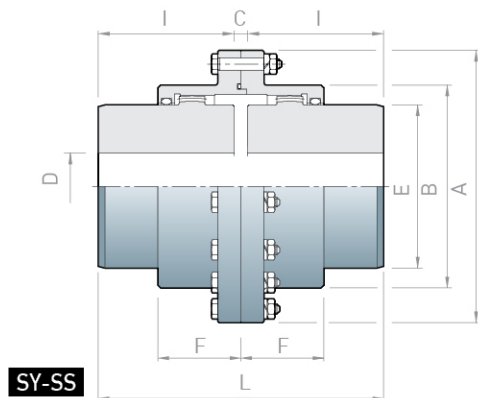


Distinctive Features

1. Light weight, small size, long life and very little of transmitting power.
2. Noise or vibration is hardly produced even in high speed operating.
The lubrication cushions the load and provides long wear life.
3. Gear coupling permits parallel, angular and end floating misalignment by crowned gear form of hub tooth.
4. Gear coupling up to size 400 are always mass produced and kept in stock to permit quick delivery upon request.
Large size and special type can be manufactured by your requirements.

Application

Crane, Reducer, Hoist, Rolling Mills, Agitator, Conveyor.

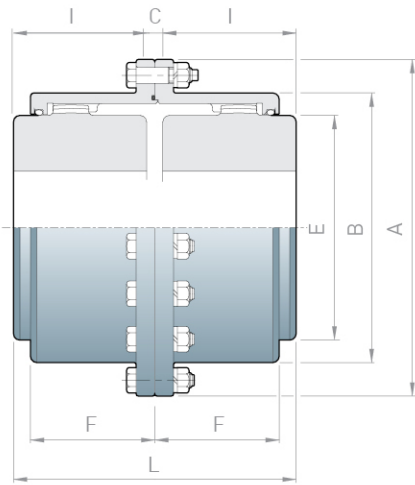


SY-SS112~400, SY-CC450~1250

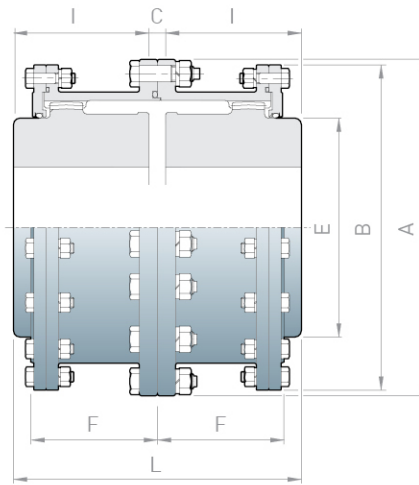
SIZE	Outside Dia A	Max. Speed (rpm)	Rating Torque (kgf.m)	D		Dimension(mm)						Grease (g)	Weight (Kgf)
				Max.	Min.	L	B	E	F	I	C		
112		4,000	84	40	16	98	79	58	40	45	8	50	4.1
125		4,000	144	50	31	108	92	70	43	50	8	65	5.8
140		4,000	214	56	31	134	107	80	47	63	8	100	8.7
160		4,000	314	65	31	170	120	95	52	80	10	130	14.0
180		4,000	504	75	45	190	134	105	56	90	10	160	19.0
200		3,810	714	85	45	210	149	120	61	100	10	220	26.0
224		3,410	1,046	100	51	236	174	145	65	112	12	320	39.0
250		3,050	1,571	115	51	262	200	165	74	125	12	480	55.0
280		2,720	2,458	135	51	294	224	190	82	140	14	620	81.0
315		2,420	3,937	160	112	334	260	225	98	160	14	1,000	123.0
355		2,150	5,646	180	125	376	288	250	108	180	16	1,200	169.0
400		1,900	7,896	200	140	416	329	285	114	200	16	1,800	242.0
450		1,690	11,460	205	140	418	372	290	151	200	18	2,300	298.0
500		1,520	16,910	236	170	470	424	335	168	224	22	3,400	429.0
560		1,360	26,600	275	190	522	476	385	187	250	22	4,100	615.0
630		1,210	42,730	325	224	588	545	455	213	280	28	6,000	921.0
710		1,070	62,100	360	250	658	622	510	242	315	28	8,400	1,312.0
800		950	88,990	405	280	738	690	570	267	355	28	11,500	1,940.0
900		840	138,000	475	315	832	796	670	295	400	32	15,000	2,753.0
1000		760	179,000	510	355	932	858	720	322	450	32	20,000	3,800.0
1120		682	254,000	600	400	1040	994	840	360	500	40	27,000	5,400.0
1250		610	352,000	710	500	1160	1126	960	399	560	40	40,000	7,707.0

SY-SE112~400, SY-CE450~1250

SIZE	Outside Dia A	Max. Speed (rpm)	Rating Torque (kgf.m)	Bore HUB D1		Bore FLANGE D2		Dimension(mm)							Grease (g)	Weight (Kgf)	
				Max.	Min.	Max.	Min.	L	B	K	E	F1	F2	I			C
112		4,000	84	40	16	50	16	98	79	79	58	40	49	45	8	38	4.4
125		4,000	144	50	31	56	31	108	92	92	70	43	54	50	8	51	5.8
140		4,000	214	56	31	63	31	134	107	107	80	47	67	63	8	77	8.6
160		4,000	314	65	31	75	31	170	120	120	95	52	85	80	10	100	14.0
180		4,000	504	75	45	80	45	190	134	134	105	56	95	90	10	130	19.0
200		3,810	714	85	45	95	45	210	149	149	120	61	105	100	10	170	26.0
224		3,410	1,046	100	51	105	51	236	174	174	145	65	118	112	12	270	38.0
250		3,050	1,571	115	51	125	51	262	200	200	165	74	131	125	12	370	56.0
280		2,720	2,458	135	51	150	51	294	224	224	190	82	147	140	14	510	83.0
315		2,420	3,937	160	112	180	112	334	260	260	225	98	167	160	14	810	128.0
355		2,150	5,646	180	125	200	125	376	288	288	250	108	188	180	16	1,000	175.0
400		1,900	7,896	200	140	236	140	416	329	329	285	114	208	200	16	1,440	261.0
450		1,690	11,460	205	140	225	140	418	372	372	290	151	209	200	18	1,900	304.0
500		1,520	16,910	236	170	270	170	470	424	424	335	168	235	224	22	2,800	434.0
560		1,360	26,600	275	190	305	190	522	476	475	385	187	261	250	22	3,500	634.0
630		1,210	42,730	325	224	355	224	588	545	544	455	213	294	280	28	5,300	922.0
710		1,070	62,100	360	250	400	250	658	622	622	510	242	329	315	28	7,000	1,317.0
800		950	88,990	405	280	450	280	738	690	635	570	267	369	355	28	10,000	1,933.0
900		840	138,000	475	315	510	315	832	796	715	670	295	416	400	32	13,000	2,724.0
1000		760	179,000	510	355	570	355	932	858	800	720	322	466	450	32	18,000	3,773.0
1120		682	254,000	600	400	640	400	1040	994	900	840	360	520	500	40	24,000	5,411.0
1250		610	352,000	710	500	800	500	1160	1126	1060	960	399	580	560	40	34,000	7,930.0



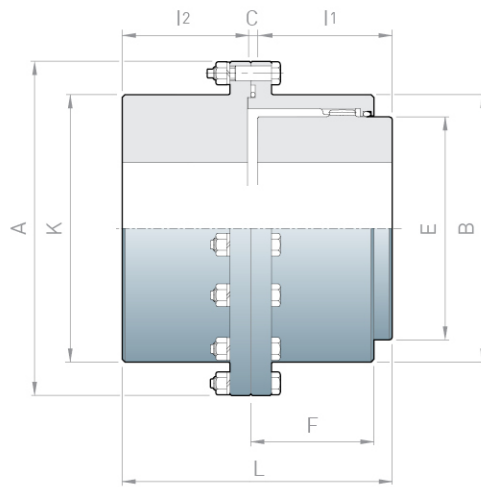
SY-GD



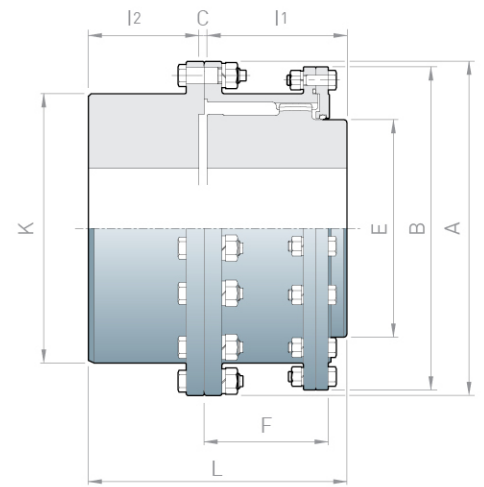
SY-GDL

SY-GD10~60, SY-GDL70~120

SIZE	DIM	Max. Speed (rpm)	Rating Torque (kgf.m)	Bore Dia		Dimension(mm)						Grease (g)	Weight (Kgf)	
				Max.	Min.	A	L	B	E	F	I			C
10GD		8,000	111	48	13	116	89	84	69	39	43	3.0	36	4.5
15GD		6,500	253	60	19	152	101	105	86	48	49	3.0	64	9.1
20GD		5,600	470	73	25	178	127	126	105	59	62	3.0	100	15.9
25GD		5,000	864	92	32	213	159	155	131	72	77	5.0	209	29.5
30GD		4,400	1,146	105	38	240	187	180	152	84	91	5.0	327	43.1
35GD		3,900	2,283	124	51	279	218	211	178	98	106	6.0	491	68.0
40GD		3,600	3,430	146	64	318	248	245	210	111	121	6.0	827	97.5
45GD		3,200	4,745	165	76	346	278	274	235	123	135	8.0	945	136.1
50GD		2,900	6,502	178	89	389	314	306	254	141	153	8.0	1,609	190.5
55GD		2,650	8,532	197	102	425	344	334	279	158	168	8.0	2,018	249.5
60GD		2,450	11,100	222	114	457	384	366	305	169	188	8.0	2,891	306.2
70GDB		2,150	16,500	254	89	527	451	517	343	196	221	9.5	3,954	485.4
80GDB		1,750	21,800	279	105	591	507	572	356	243	249	9.5	8,663	703.1
90GDB		1,550	29,700	305	114	660	565	641	394	265	276	13.0	11,135	984.3
100GDB		1,450	42,000	343	127	711	623	699	445	294	305	13.0	16,608	1,302.0
110GDB		1,330	58,700	387	140	775	679	749	495	322	333	13.0	16,080	1,678.3
120GDB		1,200	76,400	425	152	838	719	826	546	341	353	13.0	18,971	2,113.8



SY-GS



SY-GSL

SY-GS 10~60, SY-GSL 70~120

SIZE	DIM	Max. Speed (rpm)	Rating Torque (kgf.m)	Bore Dia.			Dimension(mm)									Grease (g)	Weight (Kgf)
				Flange Max.	HUB Max.	Min.	A	L	B	K	E	F	I1	I2	C		
10GS		8,000	111	60	48	13	116	87.0	84	84	69	39	43	40	4.0	18	4.5
15GS		6,500	253	75	60	19	152	99.0	105	105	86	48	48	46	4.0	36	9.1
20GS		5,600	470	92	73	25	178	124.0	126	126	105	59	62	58	4.0	64	15.9
25GS		5,000	864	111	92	32	213	156.0	155	155	131	72	77	74	5.0	109	27.2
30GS		4,400	1,146	130	105	38	240	184.0	180	180	152	84	91	88	5.0	164	43.1
35GS		3,900	2,283	149	124	51	279	213.5	211	211	178	98	106	102	5.5	254	61.2
40GS		3,600	3,430	171	146	64	318	243.0	245	245	210	111	121	115	7.0	427	99.8
45GS		3,200	4,745	194	165	76	346	274.0	274	274	235	123	135	131	8.0	518	136.1
50GS		2,900	6,502	222	178	89	389	309.0	306	306	254	141	153	147	9.0	827	195.0
55GS		2,650	8,532	248	197	102	425	350.0	334	334	279	158	168	173	9.0	1,027	263.1
60GS		2,450	11,100	267	222	114	457	384.0	366	366	305	169	188	186	10.0	1,545	324.3
70GSB		2,150	16,500	305	254	89	527	454.0	517	425	343	196	221	220	13.0	2,063	508.0
80GSB		1,750	21,800	343	279	105	591	511.0	572	451	356	243	249	249	13.0	4,535	698.5
90GSB		1,550	29,700	381	305	114	660	566.0	641	508	394	265	276	276	14.0	5,772	984.3
100GSB		1,450	42,000	406	343	127	711	626.0	699	530	445	294	305	305	16.0	7,008	1,251.9
110GSB		1,330	58,700	445	387	140	775	682.0	749	584	495	322	333	333	16.0	8,663	1,637.5
120GSB		1,200	76,400	495	425	152	838	722.0	826	648	546	341	353	353	16.0	11,135	2,077.5

FLANGE COUPLING

Distinctive Features

SANGYONG Flange coupling is the superior quality products made with modern production facilities and advanced. It has been enjoyed a good reputation from local line as well as japaness customers. especially use for pump shaft.

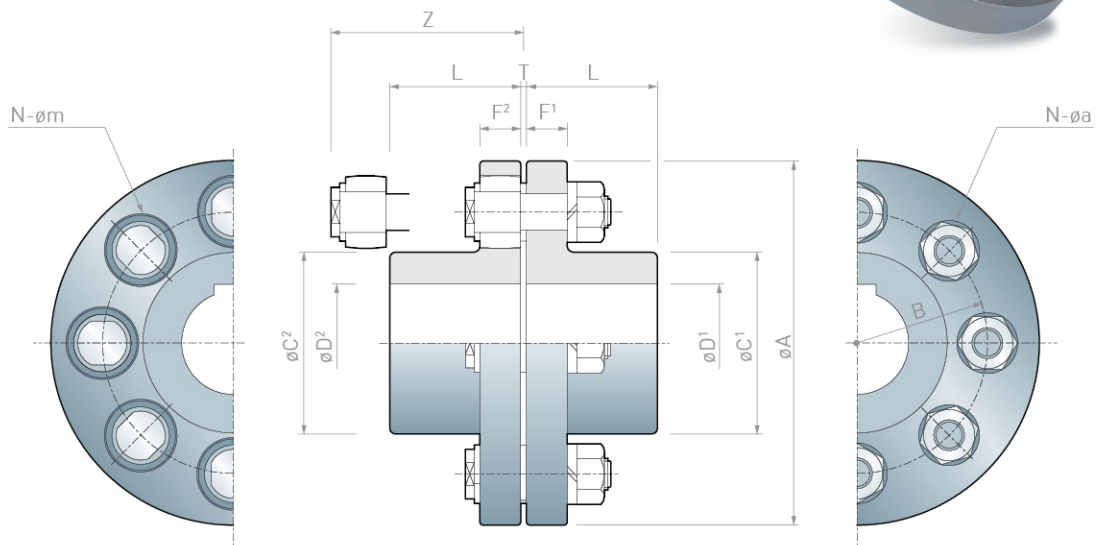
1. It transmits power smoothly.
2. It has available absorption of shock load and vibration.
3. The power to be pressed shaft from coupling does not occur.
4. Easy and simple installation and assembly / disassembly.
5. It's easy to check the state of assembly when its installed.
6. Interchangeable coupling and No lubrication.
7. It has lowest price.



Application

Pump, Blower, Speed change gear, Compressor, Converor, Crane, Hoist, Chemical machine, Construction machine, Cement Mixer, Rolling Mill, Textile machine, Sprinning machine, Metal Processing machine.





SY-FFC Type

*Z: Drawn out length of bolt

SY-FFC Type

SIZE A	Rating Torque (kgf.m)	Max. Speed (rpm)	Bore Diameter Dimension(mm)													Weight (Kg.f)	GD ² (kgf.m ²)	
			Max.		Min.	A	L	C1	C2	B	F1	F2	N-a	m	T			Z
			D1	D2														
FFC 90	0.5	4,000	20	20	-	90	28.0	35.5	35.5	60	14.0	14.0	4- 8.0	19	3	50	1.37	0.0053
FFC 100	1.0	4,000	25	25	-	100	35.5	42.5	42.5	67	16.0	16.0	4-10.0	23	3	56	2.00	0.0095
FFC 112	1.6	4,000	28	28	16	112	40.0	50.0	50.0	75	16.0	16.0	4-10.0	23	3	56	2.64	0.015
FFC 125	2.5	4,000	32	28	18	125	45.0	56.0	50.0	85	18.0	18.0	4-14.0	32	3	64	3.59	0.026
FFC 140	5.0	4,000	38	35	20	140	50.0	71.0	63.0	100	18.0	18.0	6-14.0	32	3	64	4.88	0.042
FFC 160	11.2	4,000	45	45	25	160	56.0	80.0	80.0	115	18.0	18.0	8-14.0	32	3	64	6.70	0.074
FFC 180	16.0	3,500	50	50	28	180	63.0	90.0	90.0	132	18.0	18.0	8-14.0	32	3	64	8.98	0.121
FFC 200	25.0	3,200	56	56	32	200	71.0	100.0	100.0	145	22.4	22.4	8-20.0	41	4	85	13.90	0.241
FFC 224	40.0	2,850	63	63	35	224	80.0	112.0	112.0	170	22.4	22.4	8-20.0	41	4	85	18.10	0.384
FFC 250	63.0	2,550	71	71	40	250	90.0	125.0	125.0	180	28.0	28.0	8-25.0	51	4	100	26.60	0.720
FFC 280	100.0	2,300	80	80	50	280	100.0	140.0	140.0	200	28.0	40.0	8-28.0	57	4	116	37.40	1.29
FFC 315	160.0	2,050	90	90	63	315	112.0	160.0	160.0	236	28.0	40.0	10-28.0	57	4	116	50.30	2.12
FFC 355	250.0	1,800	100	100	71	355	125.0	180.0	180.0	260	35.5	56.0	10-35.5	72	5	150	79.20	4.42
FFC 400	400.0	1,600	110	110	80	400	125.0	200.0	200.0	300	35.5	56.0	10-35.5	72	5	150	100.00	7.10
FFC 450	630.0	1,400	125	125	90	450	140.0	224.0	224.0	355	35.5	56.0	12-35.5	72	5	150	132.00	11.5
FFC 560	1,000.0	1,150	140	140	100	560	160.0	250.0	250.0	450	35.5	56.0	14-35.5	72	5	150	207.00	27.3
FFC 630	1,600.0	1,000	160	160	110	630	180.0	280.0	280.0	530	35.5	56.0	18-35.5	72	5	150	271.00	44.1

DISC COUPLING

Distinctive Features

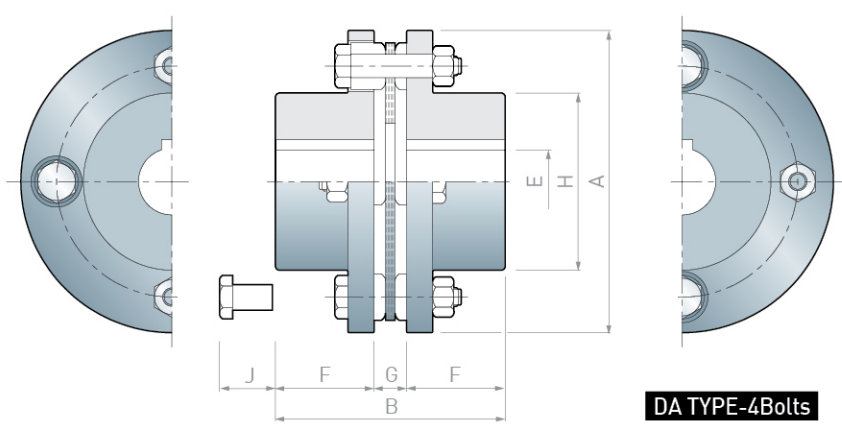
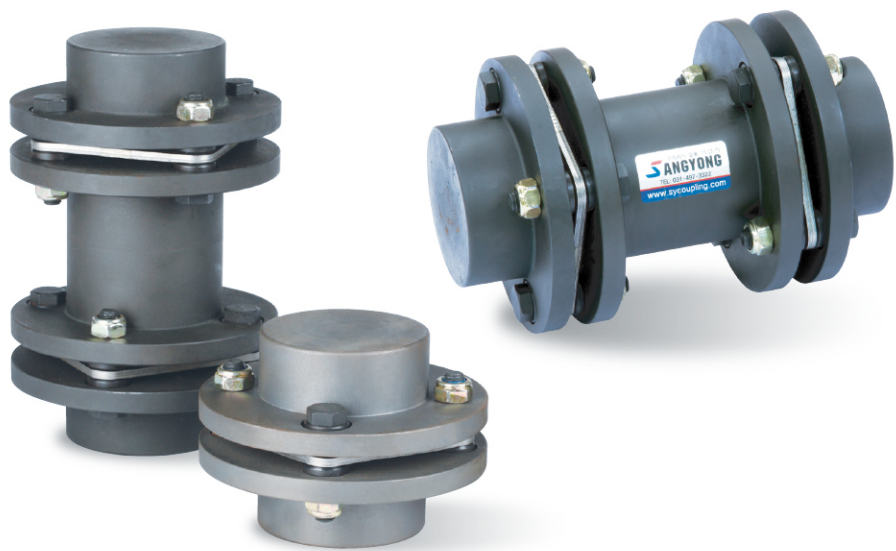
1. No backlash and high torsional stiffness, it's used in the field of position control mainly
2. No moving parts are in disc coupling therefore lubrication is not necessary.
3. The flexible element plate packs of stainless steel are integral components, easily visible, ready inspected and can be installed without difficulty.
4. Disc couplings are used all types of industries and using temperature to 280°C are permissible.
5. When a severe over load may damage to couplings parts, the system is safe cause of washer which is brige of power of rotation.



Application

Machine tools with CNC / Cooling Tower /
Indexing system Agitator / Pump / Woodworking machinery

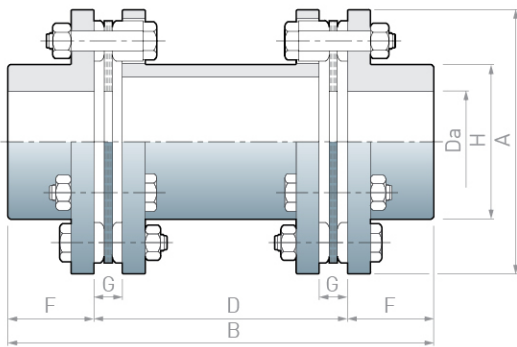
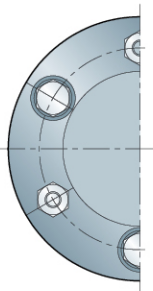




DA TYPE-4Bolts

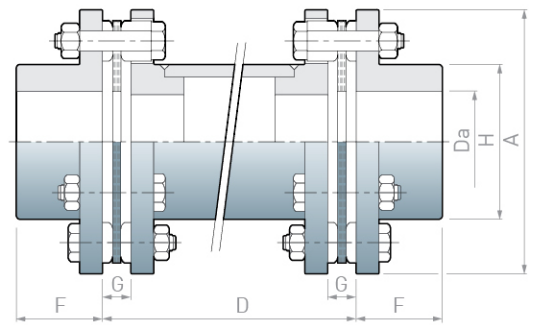
DA TYPE-4Bolts

Size NO.	Allowable Torque(kgf.m)				Maximum allowable Radial Load	(1) Max. Speed (r.p.m)	Weight W (kg)	GD ² (kgf.m ²)	A (mm)	B (mm)	Rough BoreSize (mm)	Emax (mm)	F (mm)	G (mm)	H (mm)	J (mm)
	NO Radial Load	1/3 Radial Load	2/3 Radial Load	Max. Radial Load												
05	3.4	1.5	1.2	0.8	15	10,000	0.6	8	67	56.1	8	23	25.0	6.1	33	15
10	9.2	4.1	3.2	2.3	25	10,000	1.1	24	81	56.6	10	32	25.0	6.6	46	16
15	18.0	8.1	6.3	4.5	56	10,000	1.7	48	93	66.4	10	35	29.0	8.4	51	25
20	25.0	11.3	8.7	6.0	83	10,000	2.5	80	104	79.2	10	42	34.0	11.2	61	20
25	43.0	19.3	16.0	11.0	120	8,300	4.3	224	126	93.7	16	50	41.0	11.7	71	25
30	79.0	35.5	27.6	20.0	180	7,300	6.9	440	143	107.7	16	58	48.0	11.7	84	28
35	130.0	58.5	45.5	32.5	270	6,200	11.3	1,080	168	130.8	25	74	57.0	16.8	106	24
40	210.0	94.5	73.4	52.5	380	5,400	16.7	2,080	194	145.0	25	83	64.0	17.0	119	30
45	340.0	153.0	119.0	85.0	450	4,900	22.7	3,520	214	173.6	45	95	76.0	21.6	137	22
50	500.0	225.0	171.0	125.0	610	4,200	35.4	7,200	246	201.9	50	109	89.0	23.9	157	23
55	650.0	292.0	227.0	163.0	770	3,800	52.0	12,800	276	230.4	50	118	101.6	27.2	170	40

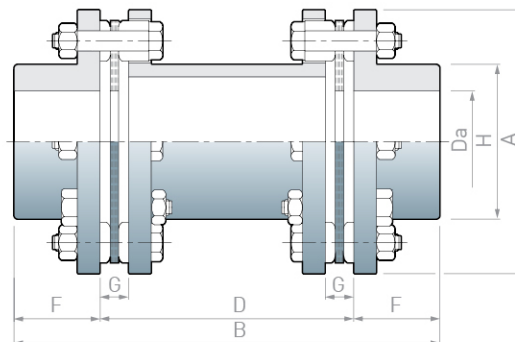
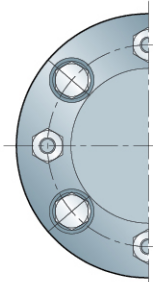


S TYPE-6Bolts

S4-SB

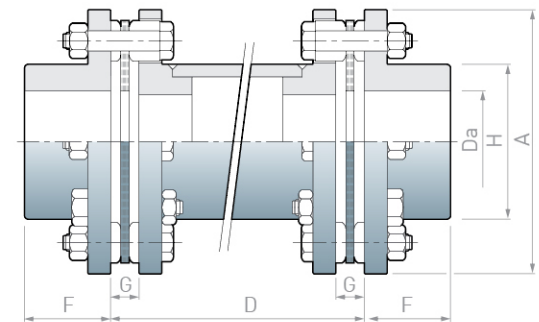


SH0 / SVE



E TYPE - 8 Bolts

E4-EB



EH / EV



S Type-6 Bolts

SIZE	Rating Torque (kgf.m)	Max. Speed (rpm)	Dimension(mm)						S4	SH0,SVE	Cplg WT (kg)	GD ² (kgf.m ²)	Shaft Line Displacement	Bolt Joint Torque (kg.m)
			Max. bore da.	A	B	F	G	H	D	D				
00	58	26,000	51	119	168	54	10.3	74	60	97	6.0	0.03	3.0	2.2
01	94	23,000	55	137	198	63	11.0	81	72	110	9.1	0.06	3.4	4.2
02	174	19,000	67	161	238	74	12.0	97	90	129	16.9	0.14	3.6	7.3
03	341	17,000	72	180	269	80	14.0	104	109	141	22.6	0.25	4.2	15.9
04	500	15,000	85	212	308	95	17.0	124	118	150	35.1	0.59	4.5	22.1
05	620	11,600	111	276	377	112	17.5	161	153	255	36.1	1.80	3.9	22.1
10	840	11,600	111	276	377	112	19.0	161	153	258	66.1	1.90	3.9	22.1
15	1,090	10,300	133	308	440	134	19.0	193	172	278	107.8	3.70	4.2	45.0
20	1,820	9,200	152	346	497	153	22.5	218	191	283	156.1	6.70	4.8	58.0
25	2,690	8,500	165	375	553	165	28.0	240	223	308	211.8	10.60	5.2	110.0
30	3,410	7,800	178	410	610	178	31.0	258	254	319	274.5	16.50	5.4	150.0
35	4,070	7,200	187	445	646	188	31.0	272	270	349	333.3	23.90	5.6	170.0
40	4,720	6,800	205	470	686	206	34.0	297	274	342	399.2	30.70	6.3	170.0
45	6,100	6,200	231	511	749	231	35.5	334	287	364	525.3	48.00	6.7	170.0
50	7,620	5,700	254	556	800	254	37.0	364	292	365	676.3	72.90	7.3	310.0
55	9,440	5,400	263	587	839	264	37.5	382	311	408	803.4	100.60	7.8	360.0

E Type-8 Bolts

SIZE	Rating Torque (kgf.m)	Max. Speed (rpm)	Dimension(mm)						E4	EH,EV	WT (kg)	GD ² (kgf.m ²)	Shaft Line Displacement	Bolt Joint Torque (kg.m)
			Max. bore da.	A	B	F	G	H	D	D				
01	392	15000	95	214	333	108	12.2	137	117	240	38.0	0.65	2.1	7.3
03	726	13000	108	246	369	121	13.7	156	127	269	55.5	1.24	2.1	15.9
05	915	11600	111	276	421	134	17.5	161	153	255	72.2	1.80	2.1	22.1
10	1,100	11600	111	276	421	134	19.0	161	153	258	73.3	1.80	2.1	22.1
15	1,570	10300	133	308	492	160	19.0	193	172	278	119.7	3.70	2.4	45.0
20	2,610	9200	152	346	557	183	22.5	218	191	283	174.3	6.80	2.9	58.0
25	3,850	8500	165	375	619	198	28.0	240	223	308	233.8	10.80	3.1	110.0
30	4,810	7800	178	410	682	214	31.0	258	254	319	305.3	16.70	3.3	150.0
35	5,820	7200	187	445	720	225	31.0	272	270	339	367.4	25.00	3.6	170.0
40	6,570	6800	205	470	768	257	34.0	297	274	342	447.5	31.10	4.0	170.0
45	8,530	6200	231	511	843	278	35.5	334	287	364	591.6	48.00	4.5	170.0
50	10,530	5700	254	556	902	305	37.0	364	292	365	761.4	74.70	5.0	310.0
55	13,070	5400	263	587	945	317	37.5	382	311	408	901.9	101.60	5.2	360.0

CHAIN COUPLING

Distinctive Features

SANGYONG flexible roller chain coupling give high efficiency in as connecting directly two shafts for the transmission of power.

The roller chain couplings consist of three mahor parts with hardened teeth sprockets and one RS double standard roller chain.

They offer the following characteristics.

1. Easy assembly and disassembly
2. Long service life.
3. Protection for misalignment.
4. Easy installation and maintenance.



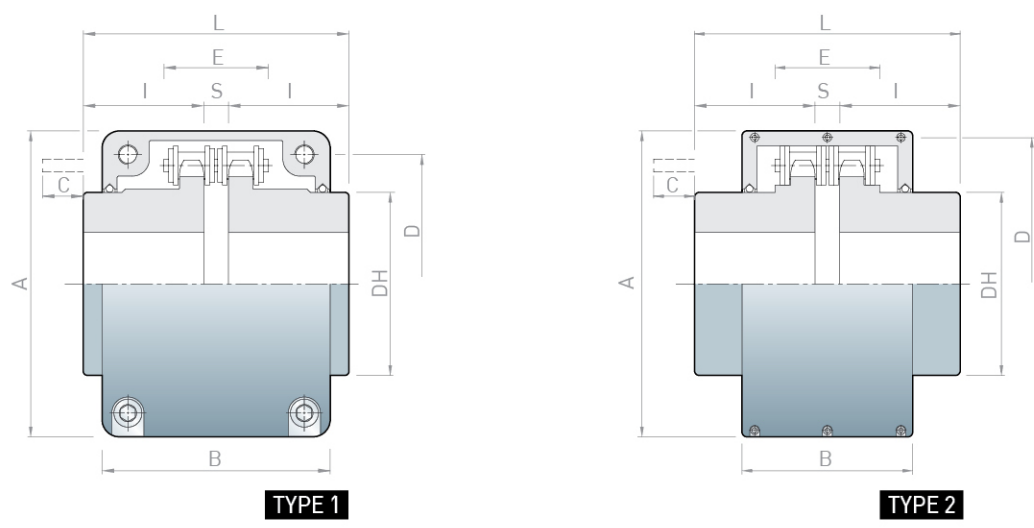
Coupling casings

Casings are recommended for use with all couplings because they prevent lubricant from scattering and extend the service life.

Under the following conditions, casings are highly recommened for use with couplings.

1. Abrasive or corrosive atmosphere.
2. High revolution.
3. Revolving casings are made of strong alumimun alloy and light in weight.

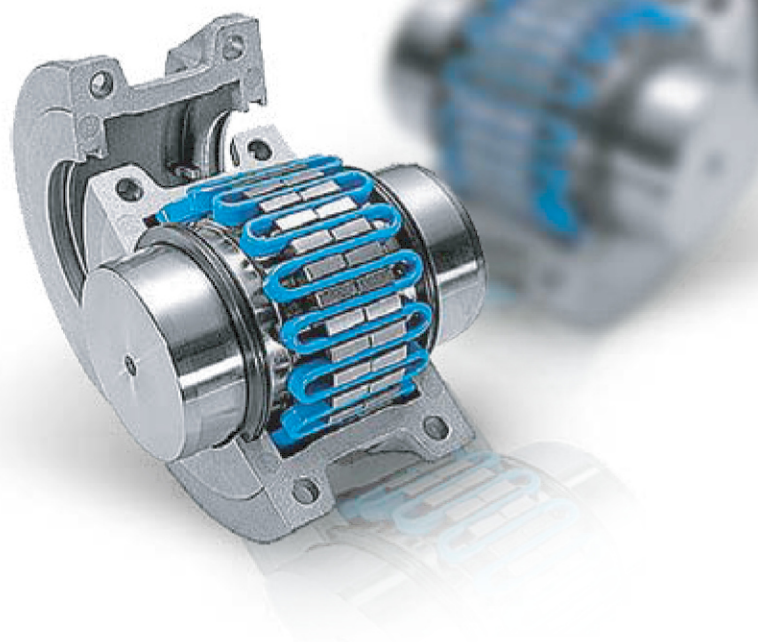




Chain Coupling Specification

Coupling NO.	Type	Bore Dia		Chain		D	DH	L	I	S	C	Rated Torque (kgf-m)	Weight (Kg)	Case			
		Min.	Max.	Pitch	Width(Max)E									Type	A	B	Weight(Kg)
SY 4012	1	12	22	12.700	33.1	61	35	79.4	36	7.4	10	17	0.8	1	75	75	0.38
SY 4016	1	16	32	12.700	33.1	77	50	87.4	40	7.4	6	30	1.6	1	92	75	0.56
SY 5016	1	18	40	15.785	41.0	96	60	99.7	45	9.7	12	57	2.8	1	111	85	0.76
SY 5018	1	18	45	15.785	41.0	106	70	99.7	45	9.7	12	72	3.6	1	122	85	0.92
SY 6018	1	22	56	19.050	51.1	128	85	123.5	56	11.5	15	136	6.5	1	142	106	1.4
SY 6022	1	28	71	19.050	51.1	152	110	123.5	56	11.5	15	183	10.3	1	167	106	1.7
SY 8018	1	32	80	25.400	65.3	170	115	141.2	63	15.2	30	302	13.8	1	186	130	2.3
SY 8022	1	40	100	25.400	65.3	203	140	157.2	71	15.2	22	433	21.7	1	220	130	2.7
SY 10020	1	45	110	31.750	80.3	233	160	178.8	80	18.8	30	682	32.6	1	250	148	3.0
SY 12018	1	50	125	38.100	101.1	256	170	202.7	90	22.7	50	1,023	43.9	1	307	181	4.8
SY 12022	1	56	140	38.100	101.1	304	210	222.7	100	22.7	40	1,325	69.0	1	357	181	5.9
SY 16018	1	63	160	50.800	129.7	341	224	254.1	112	30.1	68	2,211	96.3	1	406	220	11.1
SY 16022	1	80	200	50.800	129.7	405	280	310.1	140	30.1	40	3,243	166.8	1	472	250	12.0
SY 20018	2	88	205	63.500	159.0	426	294	519.5	241	37.5	0	4,422	294.4	1	496	280	15.6
SY 20022	2	98	260	63.500	159.0	507	374	519.5	241	37.5	0	5,571	461.6	1	578	280	17.5
SY 24022	2	120	310	76.200	194.9	608	420	751.1	353	45.1	0	10,032	871.4	2	725	355	45.0
SY 24026	2	150	380	76.200	194.9	705	520	751.1	353	45.1	0	12,175	1276.4	2	780	355	99.0
SY 32022	2	200	430	101.600	263.0	806	570	860.1	400	60.1	0	19,870	1791.2	2	880	384	185.0

GRID COUPLING



Distinctive Features

We can get more favorable convenience and cost down by using the SANGYONG Taper Grid Coupling.

PARALLEL

Under angular misalignment, the grid-groove design permits a rocking and sliding action of the lubricated grid and hubs without any loss of power through the resilient grid.

ANGULAR

Under angular misalignment, the grid-groove design permits a rocking and sliding action of the lubricated grid and hubs without any loss of power through the resilient grid.

END FLOAT

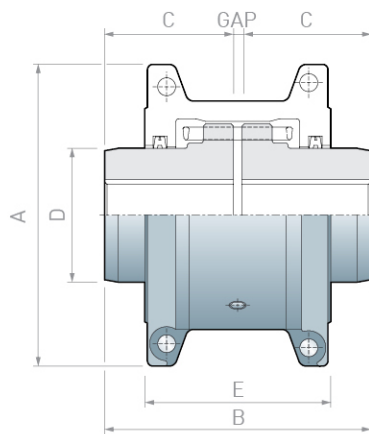
Unrestrained end float for both driving and driven members is permitted because the grid slides freely in the lubricated grooves. It can also be limited to any required amounts.

TORSIONAL FLEXIBILITY

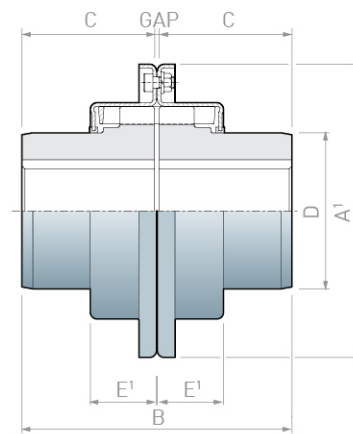
Taper Grid Couplings torsionally deflect when subject to normal, shock or vibratory loads, providing flexible accommodation to changing load conditions.

Application

Agitator, Crane, Compressor, Reducer, Pump



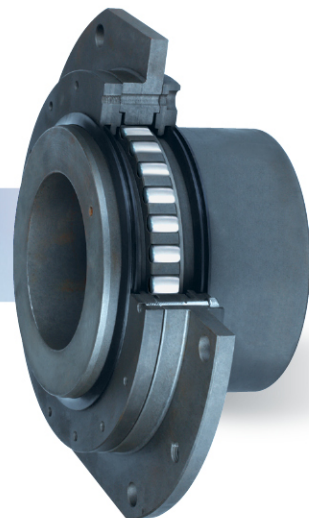
H TYPE



V TYPE

SIZE	Max. Speed (rpm)	Basic Torque (kgf.cm)	Bore(mm)		Dimension(mm)							Gap			Weight (Kg)	Grease (l)
			Max.	Min.	A	A1	B	C	D	E	E1	Min	Normal	Max		
1020	4,500	486	28.0	12.7	101.6	111.1	98	47.5	39.7	66.5	24.2	1.5	3	4.5	1.9	0.03
1030	4,500	1,383	35.0	12.7	111	120.7	98	47.5	49.2	68.3	25	1.5	3	4.5	2.6	0.03
1040	4,500	2,304	43.0	12.7	117.5	128.5	104.6	50.8	57.1	70	25.7	1.5	3	4.5	3.4	0.05
1050	4,500	4,033	50.0	12.7	138	147.6	123.6	60.3	66.7	79.5	31.2	1.5	3	4.5	5.4	0.05
1060	4,350	6,337	56.0	19.1	150.5	162	130	63.5	76.2	92	32.2	1.5	3	4.5	7.3	0.09
1070	4,125	9,217	67.0	19.1	161.9	173	155.4	76.2	87.3	95	33.7	1.5	3	4.5	10	0.11
1080	3,600	19,010	80.0	27.0	194	200	180.8	88.9	104.8	116	44.2	1.5	3	6	18	0.17
1090	3,600	34,564	95.0	27.0	213	231.8	199.8	98.4	123.8	122	47.7	1.5	3	6	25	0.25
1100	2,440	58,183	110.0	41.3	250	266.7	245.7	120.6	142	155.5	60	1.5	4.5	9.5	42	0.43
1110	2,250	86,411	120.0	41.3	270	285.5	258.5	127	160.3	161.5	64.2	1.5	4.5	9.5	54	0.51
1120	2,025	126,736	140.0	60.3	308	319	304.4	149.2	179.4	191.5	73.4	1.5	6	12.5	81	0.73
1130	1,800	184,343	170.0	66.7	346	377.8	329.8	161.9	217.5	195	75.1	1.5	6	12.5	121	0.91
1140	1,650	265,993	200.0	66.7	384	416	374.2	184.1	254	201	78.2	1.5	6	12.5	178	1.13
1150	1,500	368,686	215.0	108.0	453.1	476.3	371.8	182.9	269.2	271.3	106.9	1.5	6	12.5	234	1.95
1160	1,350	518,465	240.0	120.7	501.4	533.4	402.2	198.1	304.8	278.9	114.3	1.5	6	12.5	317	2.81
1170	1,225	691,286	280.0	133.4	566.4	584.2	437.8	215.9	355.6	304.3	119.4	1.5	6	12.5	448	3.49
1180	1,100	958,854	300.0	152.4	629.9	630	483.6	238.8	393.7	321.1	130	1.5	6	12.5	619	3.76
1190	1,050	1,267,358	335.0	152.4	675.5	685	524.2	259.1	436.9	325.1	135	1.5	6	12.5	776	4.4
1200	900	1,728,216	361.0	177.8	756.9	737	564.8	279.4	497.8	355.6	145	1.5	6	12.5	1058	5.62

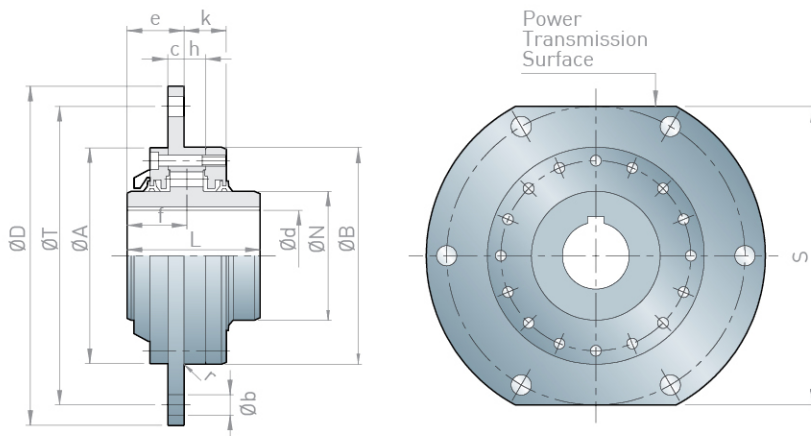
WIRE DRUM COUPLING



Distinctive Features

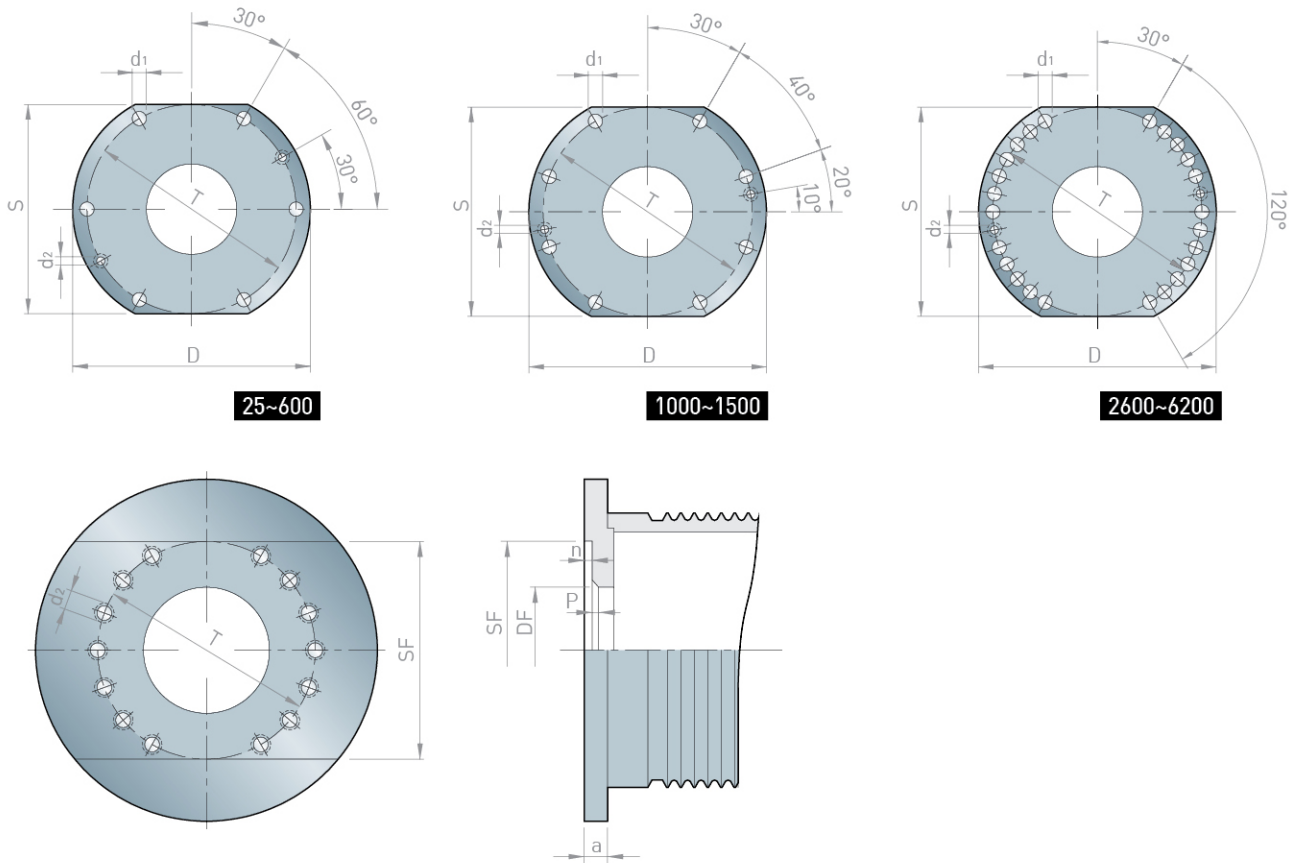
The wire drum coupling is designed for installation in drum drive of crane and conveying system. The drum coupling can be used in the very difficult and rough operating conditions of iron and steel work and continuous heavy load operations in shore cranes.

1. With compact design and capable of transmitting large radial load, the PTC wire drum coupling enjoy longer life and minimum loss of power.
2. With construction of crowned rollers and bores which are formed of both half circular bores of hub and sleeve, angular misalignment can be allowed upto $\pm 1^\circ \ 30'$
3. According to size of couplings, maximum $\pm 3\text{mm} \sim \pm 8\text{mm}$ of end float can be absorbed. Drum couplings are not suitable for transmitting axial forces.
4. With design of decreasing slip movement of rollers by construction of minimum backlash between crowned rollers and cylindrical bores, the relative movement between rollers and bores, which is cause of wear, is considerably reduced due to the natural movement of drum.
5. In the transmission of power, a stamping hardness of the rollers profile is produced, with which higher wear resistance is achieved.



SIZE	Torque Max (Kg-m)	Radial Load (Kg)	Bore diameter d(mm)		D	L		N	A	B	S	e	f	c	r	h	k	T	b	Shaft movement	Weight (Kg)	GD ² (Kg-m ²)
			Max.	Min.		Max.	Min.															
0025	459	1480	65	38	250	95	85	95	159	160	220	42	44.0	12	2.50	16	31	220	15	3	12	0.24
0050	612	1683	75	48	280	100	85	110	189	180	250	42	44.0	12	2.50	16	31	250	15	3	19	0.50
0075	765	1887	85	58	320	110	95	125	199	200	280	45	46.0	15	2.50	17	32	280	19	4	23	0.66
0100	918	2050	95	58	340	125	95	140	219	220	300	45	46.0	15	2.50	17	32	300	19	4	27	1.13
0130	1581	3163	105	78	360	130	95	160	239	240	320	45	47.0	15	2.50	19	34	320	19	4	33	1.42
0160	1989	3571	120	78	380	145	95	180	259	260	340	45	47.0	15	2.50	19	34	340	19	4	42	1.90
0200	2449	3928	135	98	400	170	95	200	279	280	360	45	47.0	15	2.50	19	34	360	19	4	54	2.65
0300	2857	4285	145	98	420	175	95	220	309	310	380	45	47.0	15	2.50	19	34	380	19	4	70	3.70
0400	3877	5000	175	98	450	185	120	260	339	340	400	60	61.0	20	2.50	22	40	400	24	4	95	5.80
0600	7143	11734	205	118	550	240	125	310	419	420	500	60	61.0	20	2.50	22	42	500	24	6	163	15.70
1000	12245	12755	230	138	580	260	130	350	449	450	530	60	61.0	20	2.50	22	42	530	24	6	195	22.50
1500	18367	15036	280	159	650	315	140	415	529	530	580	65	66.0	25	2.50	27	47	600	24	6	305	43.90
2600	31632	25510	300	168	680	350	145	445	559	560	600	65	69.5	25	4.00	34	54	630	24	8	360	63.40
3400	40816	30612	315	198	710	380	165	475	599	600	640	81	85.5	35	4.00	34	56	660	28	8	408	79.80
4200	51020	34693	355	228	780	410	165	535	669	670	700	81	85.5	35	4.00	34	56	730	28	8	580	138.00
6200	69898	38775	400	258	850	450	165	600	729	730	760	81	85.5	35	4.00	34	56	800	28	8	715	208.00

Wire Drum fixing



25~600

1000~1500

2600~6200

Machining dimensions for side surface of drum

Positioning area of wire drum are machined in accordance with fig 1 and the dimension are showed in table 1.
The material of drum is carbon steel for machine structure.

SIZE	D	T	SF	a (min)	d1	d2	DF	P	n (min)
0025	250	220	220	25	15	M12	160	3	10
0050	280	250	250	25	15	M12	180	3	10
0075	320	280	280	25	15	M12	200	3	10
0100	340	300	300	25	19	M16	220	3	10
0130	360	320	320	25	19	M16	240	3	10
0160	380	340	340	25	19	M16	260	3	10
0200	400	360	360	25	19	M16	280	3	10
0300	420	380	380	25	19	M16	310	3	10
0400	450	400	400	30	24	M20	340	3	10
0600	550	500	500	30	24	M20	420	3	10
1000	580	530	530	40	24	M20	450	3	20
1500	650	600	580	50	24	M20	530	3	25
2600	680	630	600	50	24	M20	560	5	25
3400	710	660	640	60	28	M24	600	5	35
4200	780	730	700	60	28	M24	670	5	35
6200	850	800	760	60	28	M24	730	5	35

Power
Transmission
Manufacturing



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