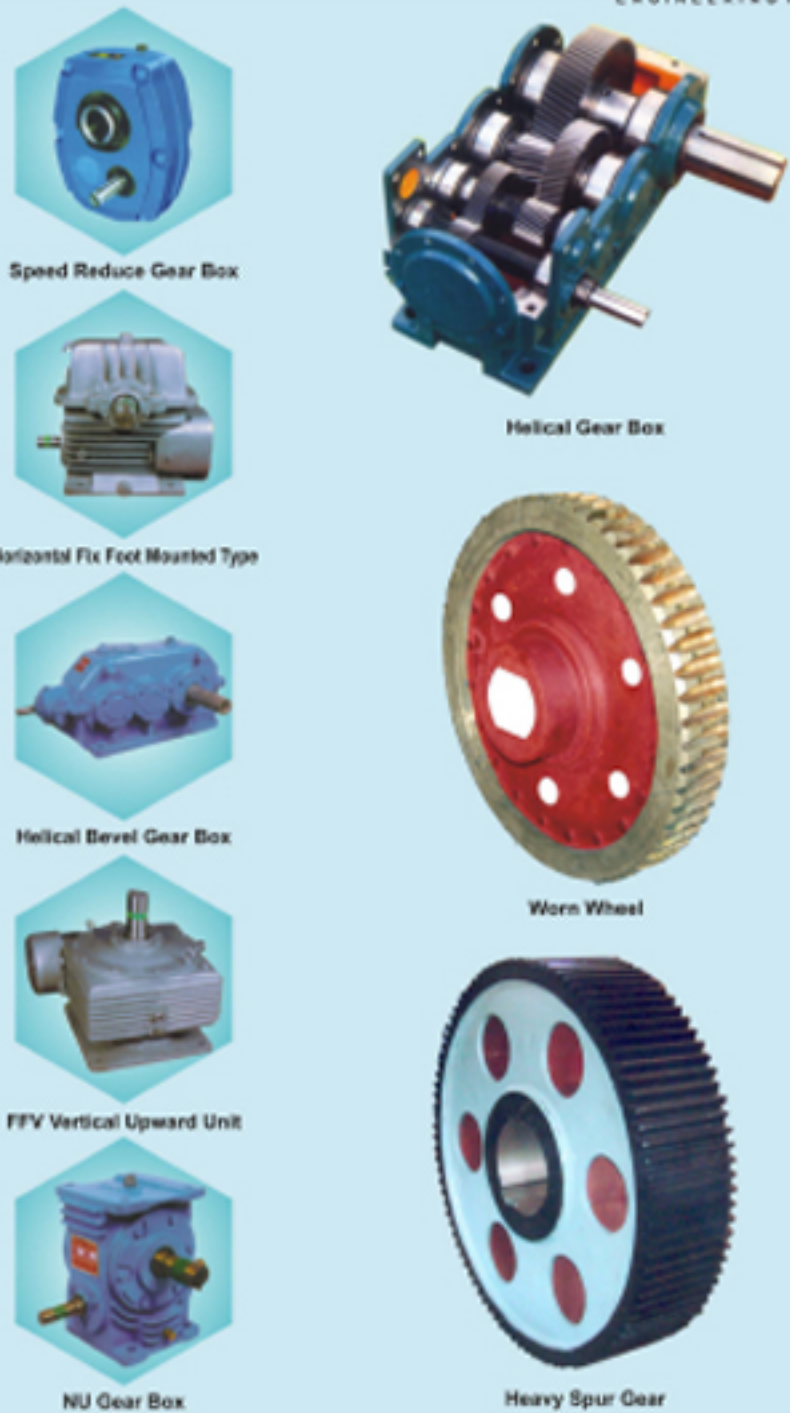
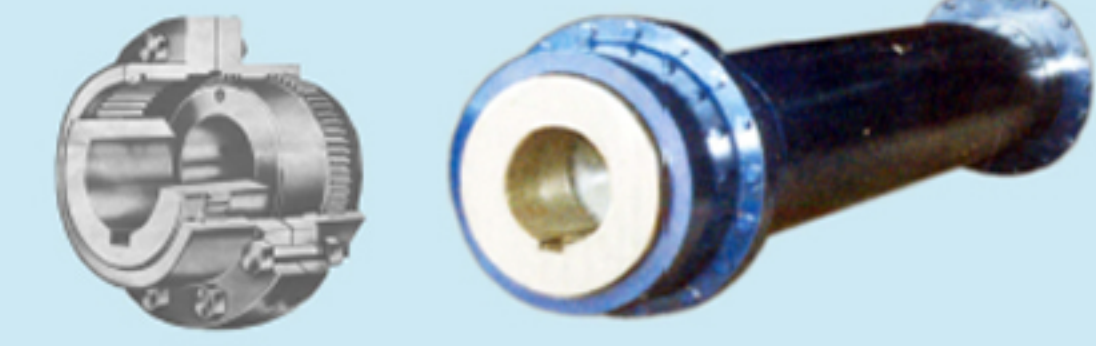


# RAMKRISHNA

## FLEXIBLE GEAR COUPLING



- CRANES
- ROLLING MILL
- SUGAR MILL
- CEMENT FACTORY
- CHEMICAL PLANT
- PAPER MILL
- OIL MILL
- FERTILIZER
- MINES
- PLASTIC MACHINERY
- TEXTILE MACHINERY
- CATTLE FEED PLANT



**RKEW** **Ramkrishna**  
ENGINEERING WORKS

- Manufacturer :
- Gear Coupling • Break Drum Coupling • Nylon Coupling
- All Type of Coupling & Heavy Machinery Spares

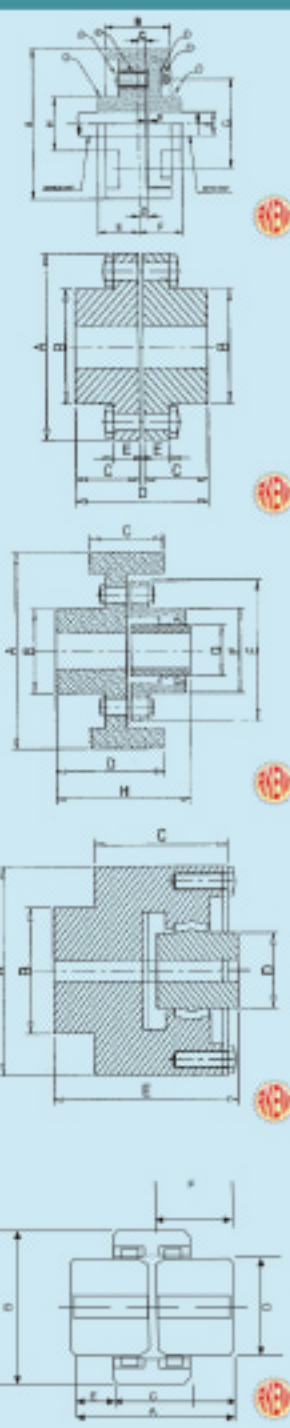
22, Gravity Estate, Chakudia Mahadev Road, Opp. Adarsh Estate, Rakhial, A'bad-23.  
E-Mail : info@ramkrishnaeng.com, www.ramkrishnaeng.com  
Phone : (0) 22760134, Te.Fax : (079) 22760135  
Pankaj. :(M) 98253 36003, Navnit : (M) 98250 62611



We Known for Quality Materials,  
Accurecy, & Quick Delivery.



**Ramkrishna**  
ENGINEERING WORKS



**FLEXIBLE C.I BREAK COUPLING**

COUPLING SIZE	DA	B	C	D	E	F	GD	GH	FINISH BORE(S)	WT GHT	TOR DUC	HPV RPM	CDZ KGM2
									Min. Max.	kg			
RRBC 150	150	75	3	6	42	42	92	70	30	35	8	30	0.028
RRBC 200	200	100	6	10	57	57	127	90	30	35	20	83	0.056
RRBC 250	250	127	6	10	62	62	142	108	25	60	30	90	0.125
RRBC 300	300	152	6	10	68	68	167	127	25	75	37	250	0.360
RRBC 400	400	193	3	8	147	136	254	137	25	85	112	360	0.500

**RIGID COUPLING**

COUPLING SIZE	FINISH BORE	DA	DB	C	GD	H	WEIGHT kg	MAX RPM
	Min. Max.							
RRC 100	70	58	128	78	88.5	83	76	4
RRC 120	20	68	112	88	87.5	118	57	11
RRC 150	30	78	108	110	72.5	148	57	15
RRC 170	40	98	212	130	87.5	178	20	20
RRC 200	50	110	208	180	107.5	218	20	40
RRC 250	60	130	208	185	115	230	20	62
RRC 300	75	150	328	215	130	280	25	80
RRC 350	80	170	308	240	148	280	28	110
RRC 400	105	208	380	285	160	320	25	140
RRC 450	120	228	430	318	170	348	25	200
RRC 500	140	258	490	370	185	370	25	270

**BREAK DRUM WITH FLEXIBLE GEARED COUPLING**

COUPLING SIZE	FINISH BORE	DA	DB	C	GD	E	F	G	H	WEIGHT kg	TORQUE	MAX RPM
	Min. Max.											
RRDFG 150	15	30	150	66	73	113	120	75	30	128	7.5	38
RRDFG 180	15	32	160	66	83	120	120	75	40	130	8	40
RRDFG 200	20	45	200	66	90	110	170	110	45	124	15.2	180
RRDFG 250	20	45	250	66	110	160	110	65	164	24	180	630
RRDFG 300	20	55	250	66	120	160	185	55	168	25.5	270	580
RRDFG 350	30	70	300	66	104	160	220	150	108	44.4	480	480
RRDFG 400	40	85	300	66	104	160	260	175	130	55.4	660	2354
RRDFG 450	40	85	400	150	160	200	250	175	130	224	88	650
RRDFG 500	40	105	400	150	160	210	280	200	150	225	95	1300
RRDFG 550	50	120	400	200	220	250	320	210	175	263	180	2900

**BREAK DRUM GEARED COUPLING**

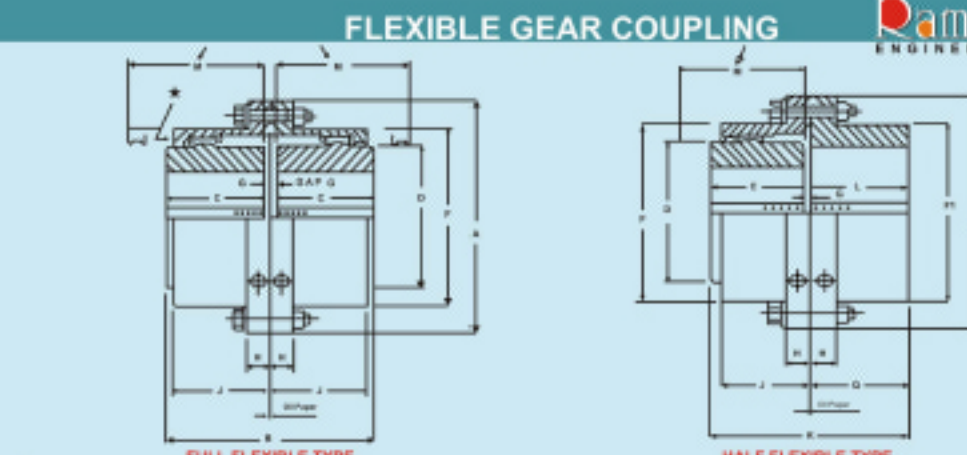
COUPLING SIZE	FINISH BORE	A	B	C	D	E	WEIGHT kg	TORQUE	MAX RPM
	Min. Max.								
RRDGC 4"	15	40	100	80	70	85	103	5	700
RRDGC 5"10	15	45	140	80	80	70	130	12.5	1000
RRDGC 6"	15	45	150	80	80	70	130	14	2500
RRDGC 7"	20	55	175	80	85	85	140	20	5000
RRDGC 8"	20	70	200	120	95	120	143	27	8500
RRDGC 10"	25	80	250	130	120	128	133	50	20000

**NYLON GEAR COUPLING**

ORDERING GDE	M 10	M 20	M 30	M 40	M 55
A	54	81	84	112	144
B	40	66	65	100	140
C	37	46	48	53	72
D	30	44	58	65	96
E	8.5	17	19	29	38
F	25	40	43	54	70
G Pilot bore dia	10	13	15	17	20

Coupling Size	Elec. Motor Frame Size	3000 RPM KW	1500 RPM HP	1000 RPM KW	750 RPM HP	Max. Torque at 1500 RPM KW	Max. RPM	Weight k.g.
19	90 90S 90L	2.2	2	1.5	1	1	375	1
20	100 L 112 M	7.5	10	5.5	5	4.25	5	2.2
26	132 S 132 M	18	13	7.5	5.5	7.5	3	4.5
36	160 M 160 ML	22	30	18.5	15	20	11	15
45	200 L 250 M	55	75	55	75	37	50	30



No	COMMON FOR BOTH COUPLINGS										FULL FLEXIBLE TYPE				HALF FLEXIBLE TYPE								
	HP CAPACITY AT 700 RPM	Max TORQUE K.G.M	Max BORE RPM	MIN	A	C	D	F	M	D	H	SCORE Max	J	B	WT KGM	WT IN KG	K	D	Score Max	P1	WT KGM	WT IN KG	
100	7	30	8000	10	120	45	50	75	55	1.5	15	30	32.5	50	0.03	4	83	48.5	50	70	0.03	4	
101	14	100	8300	20	170	55	65	110	85	2.5	17	40	48	115	0.14	10	115	57.5	60	85	0.15	10	
102	25	250	5000	30	165	70	80	125	80	2.5	17	55	62	145	0.20	15	145	72.5	75	110	0.24	15	
103	65	450	4000	40	220	85	105	150	105	2.5	20	70	78	175	0.48	25	175	87.5	90	130	0.51	25	
104	115	650	3350	50	250	105	130	175	125	2.5	20	85	96	215	0.55	30	215	107.5	110	160	1.0	40	
105	182	1300	2800	80	290	110	155	200	140	5	25	105	108	230	1.50	50	230	115	130	185	2.0	60	
106	280	2000	2500	75	320	125	175	230	165	5	25	120	117	260	3.00	65	260	130	190	215	3.3	85	
107	490	3500	2100	90	360	140	205	260	175	5	25	130	134	290	5.25	103	290	145	170	240	5.8	105	
108	830	4900	1800	105	380	155	230	290	190	5	25	160	147	320	8.50	138	320	160	200	285	9.5	140	
109	784	5900	1700	125	430	165	250	330	205	5	25	170	156	340	15.00	210	340	170	220	315	16.0	200	
110	1148	8200	1400	140	460	180	310	390	220	5	25	210	171	370	30.00	277	370	185	240	370	35.0	274	
111	1536	11000	1250	160	545	200	350	445	240	5	30	260	192	410	54	590							
112	2053	14700	1120	180	580	240	400	490	280	5	30	300	231	490	88	710							
113	2750	20000	1000	200	660	260	440	555	310	7.5	35	330	242	535	158	980							
114	3664	26600	900	220	730	280	500	610	330	7.5	35	370	266	575	201	1320							
115	4852	34750	800	250	780	320	540	660	370	7.5	35	410	305	605	255	1700							
116	6378	60000	710	300	900	350	625	755	420	10.0	40	455	335	720	680	2550							
117	11917	63550	630	375	1030	400	720	855	460	10.0	40	520	366	820	1235	3620							
118	15775	113000	560	450	1100	450	810	950	510	10.0	55	610	430	920	1985	4660							
119	20805	149000	500	520	1280	485	910	1050	560	15.0	55	710	446	1000	3012	6300							

• Bigger Bore Capacities • Higher Torque Ratings • Better Misalignment Capacity

**Introduction :-**  
RAM KRISHNA FLEXIBLE GEAR COUPLINGS are distinguished by their MECHANICAL FLEXIBILITY and compensation of MISALIGNMENT of the connected shafts automatically without any loss of transmitted power during running. These couplings ensure greater flexibility because of their well designed tooth formation generated by INVOLUTE system to ensure uniform tooth PROFILE AND PITCH.

**LUBRICATION**  
The coupling must be fitted with grease or oil. It is recommended to use grease where the maximum temperature is within 800c & for temperature above 800c oil should be use.

**• REPLACE AN ORIGINAL WITH AN ORIGINAL •**

