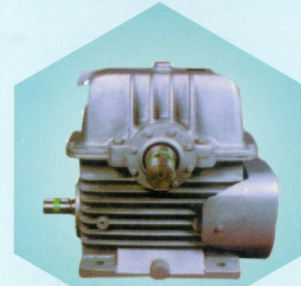
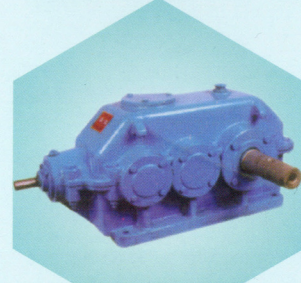




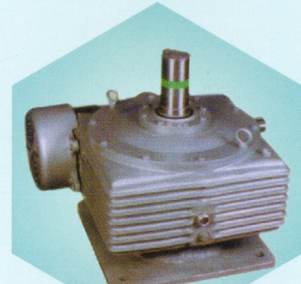
Speed Reduce Gear Box



Horizontal Fix Foot Mounted Type



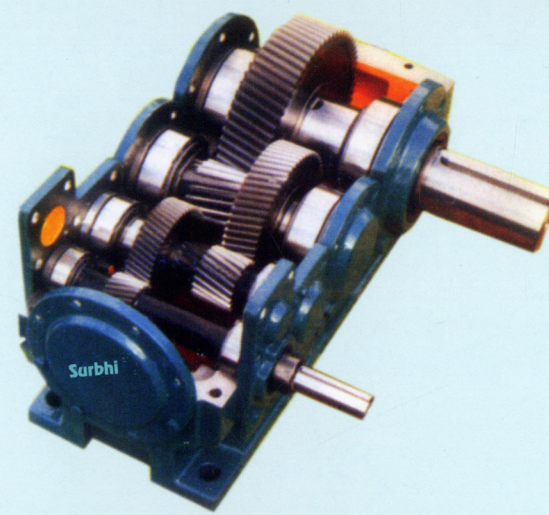
Helical Bevel Gear Box



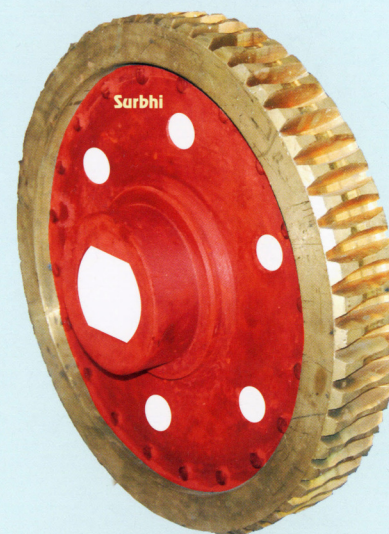
FFV Vertical Upward Unit



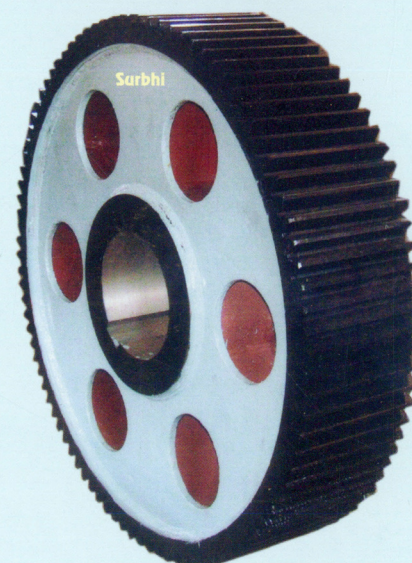
NU Gear Box



Helical Gear Box



Worn Wheel



Heavy Spur Gear

Applications

CRANES

ROLLING
MILL

SUGAR
MILL

CEMENT
FACTORY

CHEMICAL
PLANT

PAPER
MILL

OIL
MILL

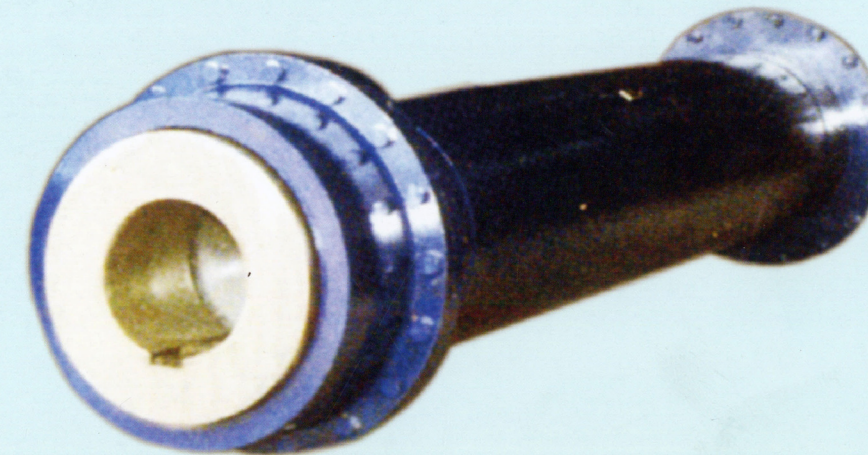
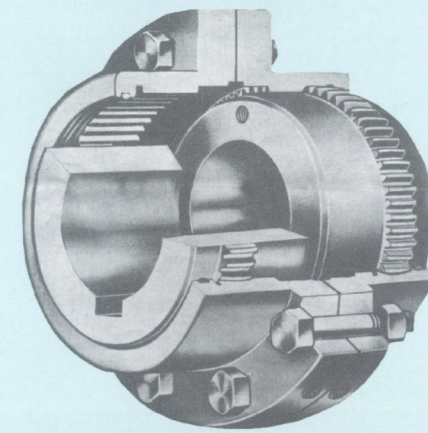
FERTILIZER

MINES

PLASTIC
MACHINERY

TEXTILE
MACHINERY

CATTLE
FEED PLANT



Surbhi
INDUSTRIES

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

20, Gravity Estate, Chakudia Mahadev Road, Opp. Adarsh Estate, Rakhial, A`bad-23.

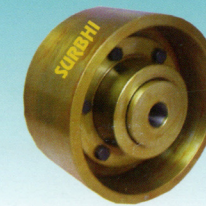
E-Mail : info@surbhiind.com, www.surbhiind.com

Phone : (0) 22760134, Te.Fax : (079) 22760135

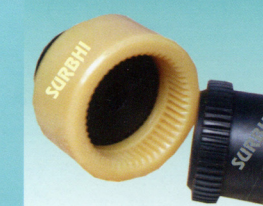
Pankaj. : (M) 98253 36003, Navnit : (M) 98250 62611

SURBHI

FLEXIBLE GEAR COUPLING



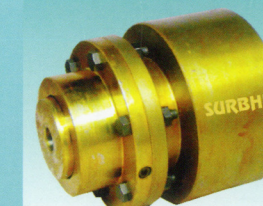
C.S. Drum With
Flexible Gear Coupling



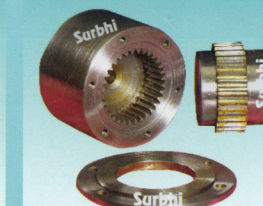
Nylone Gear Coupling



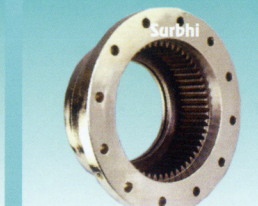
C.I. Break Drum
Coupling



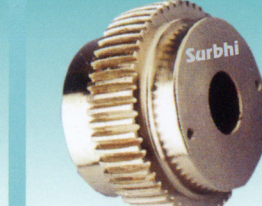
Break Drum With Flange
Flexible Gear Coupling



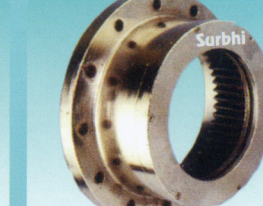
Gear Break Drum
Coupling



Flange Gear Coupling



Hub Gear Coupling



Flange Gear Coupling



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



Surbhi
INDUSTRIES

FLEXIBLE C.I BREAK COUPLING

COUPLING SIZE	ØA	B	C	D	E	F	ØG	ØH	FINISH BORE(I)		WEI GHT	TOR QUE	HP/ RPM	CD2 KGM2
									Min.	Max.				
SFBC 150	150	75	3	6	42	42	92	70	20	35	8	36	0.028	0.09
SFBC 200	200	100	6	10	57	73	127	90	20	55	20	63	0.050	0.32
SFBC 250	250	127	6	10	82	98	142	100	25	60	36	90	0.125	1.0
SFBC 300	300	152	6	10	89	105	197	127	25	75	57	250	0.350	2.5
SFBC 400	400	165	3	6	147	156	250	137	25	85	112	360	0.500	9.94

RIGID COUPLING

COUPLING SIZE	FINISH BORE		ØA	ØB	C	ØD	E	WEIGHT kg.	MAX RPM
	Min.	Max.							
SRC 100	10	50	120	70	46.5	93	15	4	8000
SRC 101	20	60	170	85	57.5	115	17	11	6300
SRC 102	30	75	185	110	72.5	145	17	15	5000
SRC 103	40	90	220	130	87.5	175	20	26	4000
SRC 104	50	110	250	160	107.5	215	20	40	3350
SRC 105	60	130	290	185	115	230	25	62	2800
SRC 106	75	150	320	215	130	260	25	86	2800
SRC 107	90	170	350	240	145	290	25	110	2100
SRC 108	105	200	380	285	160	320	25	140	1900
SRC 109	125	220	430	315	170	340	25	200	1700
SRC 110	140	260	490	370	185	370	25	270	1400

C.S. DRUM WITH FLEXIBLE GEARED COUPLING

COUPLING SIZE	FINISH (I) BORE		ØA	ØB	C	ØD	E	F	G	H	WEIGHT kg.	TORQUE	MAX RPM
	Min	Max											
SBDG 150	15	30	150	60	78	113	120	75	50	128	7.5	50	8000
SBDG 160	15	30	160	60	85	110	120	75	50	110	8	50	8000
SBDG 200	20	45	200	80	96	110	170	110	65	124	15.2	100	6300
SBDG 250	20	45	250	80	110	165	170	110	65	154	24	100	6300
SBDG 250	20	55	250	80	120	165	185	125	85	169	25.5	250	5000
SBDG 300	30	70	300	96	150	165	220	150	105	175	44.4	450	4000
SBDG 300	40	85	300	96	150	165	250	175	130	195	51.4	850	3350
SBDG 400	40	85	400	150	180	206	250	175	130	230	80	850	3350
SBDG 400	40	105	400	150	180	210	290	200	155	235	90	1300	2800
SBDG 500	50	120	500	200	225	256	320	230	175	265	160	2000	2500

BREAK DRUM GEARED COUPLING

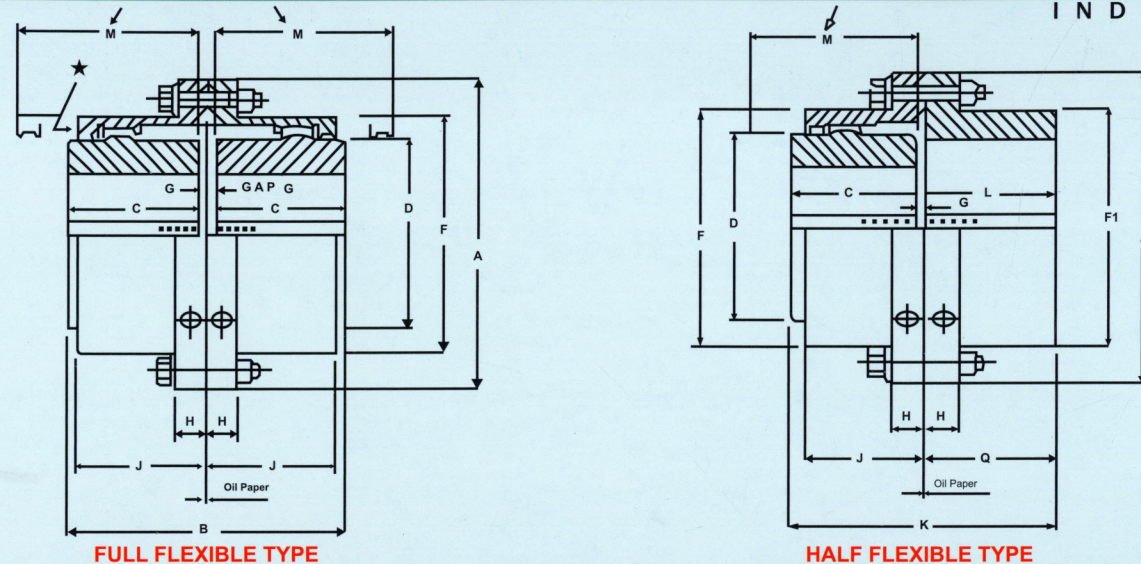
COUPLING SIZE	FINISH BORE		A	B	C	D	E	WEIGHT kg.	TORQUE	MAX RPM
	Min. Max.									
SBDGC 4"	15	40	100	80	70	65	103	5	100	8000
SBDGC 5 1/2"	15	45	140	80	90	70	130	12.5	100	6300
SBDGC 6"	15	45	150	80	90	70	130	14	250	6300
SBDGC 7"	20	55	175	90	95	85	140	20	450	5000
SBDGC 8"	20	70	200	120	95	120	143	27	850	4000
SBDGC 10"	25	80	250	130	120	125	130	50	2000	3350

NYLON GEAR COUPLING

ORDERING GDE		M 19		M 28		M 38		M48		M 65	
A		54		81		84		110		144	
B		48		66		85		100		140	
C		37		46		48		53		72	
D		30		44		58		65		96	
E		8.5		17		18		29		39	
F		25		40		40		54		70	
G Pilot bore dia		10		13		15		17		20	

Coupling Size	Elec. Motor Frame Size	3000 RPM		1500 RPM		1000 RPM		750 RPM		Max. Torque at 1500 RPM		Max. RPM	Weight k.g.
		KW		HP		KW		HP		KW	HP		
19	80 90S 90L	2.2	2	1.5	1	1.1	1	.75	1	0.5	3.6	3000	.35
28	100 L 112 M	7.5	10	5.5	5	4.25	5	2.2	3	2.3	16.6	3000	1.05
38	132 S 132 M	10	13	7.5	10	5.5	7.5	3	4.5	7	4.9	3000	1.80
48	160 ML 180 ML	22	30	18.5	25	15	20	11	15	14.4	04	3000	3.20
65	200 L 250 M	55	75	55	75	37	50	30	40	35.5	256	3000	8.90

FLEXIBLE GEAR COUPLING



COMMON FOR BOTH COUPLINGS													FULL FLEXIBLE TYPE					HALF FLEXIBLE TYPE					
No	H.P. CAPACITY AT 100 R.P.M.	Max TORQUE K.G. M.	Max R.P.M.	BORE MIN	A	C	D	F	M	G	H	BORE Max	J	B	WR ² KGM ²	WT IN KG	K	Q	Bore Max	F1	WR ² KGM ²	WT IN KG	
100	7	50	8000	10	120	45	50	75	55	1.5	15	30	39.5	93	0.03	4	93	46.5	50	70	0.03	4	
101	14	100	6300	20	170	55	65	110	65	2.5	17	40	49	115	0.14	10	115	57.5	60	85	0.15	10	
102	35	250	5000	30	185	70	85	125	80	2.5	17	55	62	145	0.20	15	145	72.5	75	110	0.24	15	
103	63	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	119	850	3350	50	250	105	130	175	125	2.5	20	85	96	215	0.95	39	215	107.5	110	160	1.0	40	
105	182	1300	2800	60	290	110	155	200	140	5	25	105	106	230	1.90	59	230	115	130	185	2.0	60	
106	280	2000	2500	75	320	125	175	230	155	5	25	120	117	260	3.00	85	260	130	150	215	3.3	85	
107	490	3500	2100	90	350	140	205	260	175	5	25	130	134	290	5.25	103	290	145	170	240	5.8	106	
108	630	4500	1900	105	380	155	230	290	190	5	25	150	147	320	8.50	138	320	160	200	285	9.5	149	
109	784	5600	1700	125	430	165	250	330	205	5	25	170	156	340	15.00	210	340	170	220	315	16.8	200	
110	1148	8200	1400	140	490	180	310	390	220	5	25	210	171	370	30.50	277	370	185	260	370	35.0	274	
111	1536	11000	1250	160	545	200	350	445	240	5	30	260	192	410	58	550	Note : (1) Made to order / special Gear Couplings also Can be manufactured (2) Dynamic balancing & Heat Treatment will be done on request (Extra)						
112	2053	14700	1120	180	590	240	400	490	280	5	30	300	231	490	88	710							
113	2793	20000	1000	200	680	260	440	555	310	7.5	35	330	242	535	138	980							
114	3994	28600	900	220	730	280	500	610	330	7.5	35	370	266	575	291	1320							
115	4852	34750	800	250	780	320	540	660	370	7.5	35	410	305	665	353	1700							
116	8378	60000	710	300	900	350	625	755	425	10.0	45	455	335	720	680	2550							
117	11917	83550	630	375	1000	400	720	855	460	10.0	45	520	386	820	1235	3620							
118	15778	113000	560	450	1100	450	810	950	510	10.0	55	610	430	920	1965	4860							
119	20805	149000	500	520	1250	485	910	1050	560	15.0	55	710	446	1000	3012	6380							

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

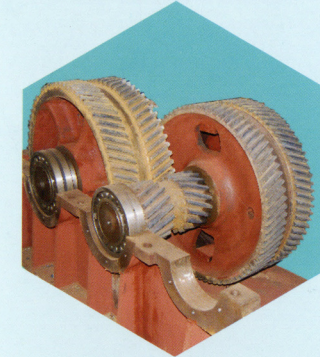
Introduction :-

SURBHI 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 coupling ensure greater flexibility because of their well designed tooth formation generated by INVOLUTE system to ensure uniform toothe PROFILE AND PITCH.

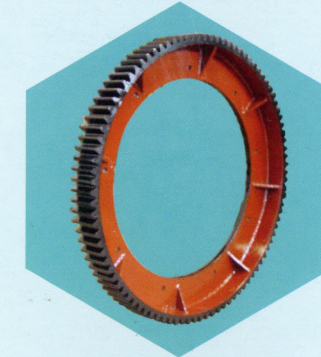
LUBRICATION

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.

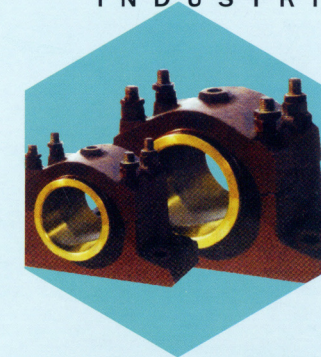
• REPLACE AN ORIGINAL WITH AN ORIGINAL •



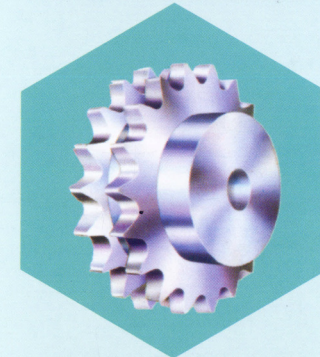
Double Helical Gear



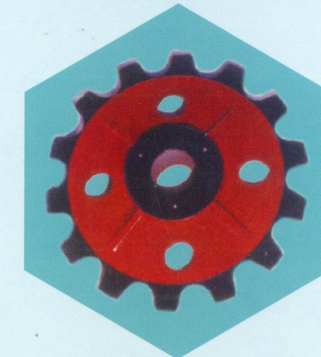
Ring Gear



Plumber Blocks



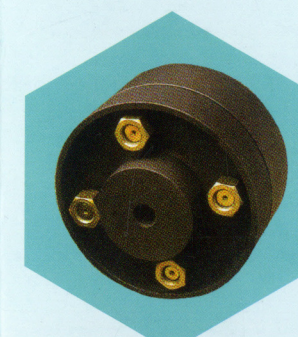
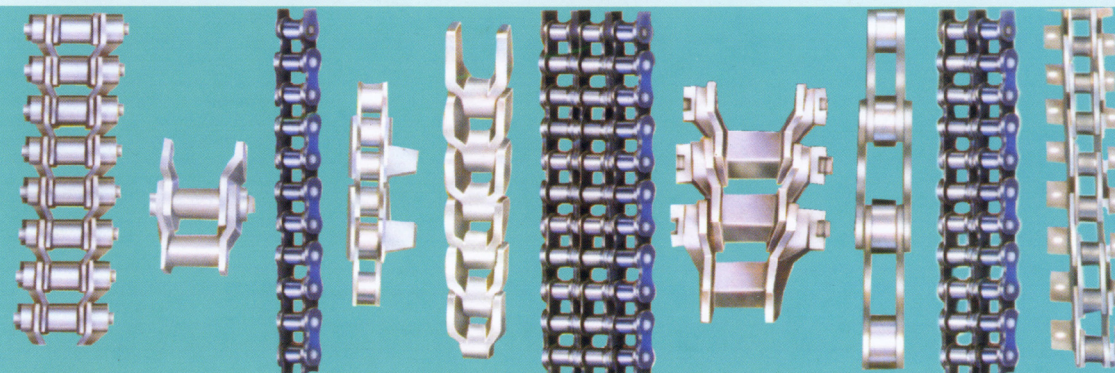
Duplex Sprocket



Conveyor



Bevel Gear



Pin Bush Couple

