



**SPEED-O-CONTROLS
PVT. LTD.**



CRANE CONTROL GEAR

BRAKE DRUM & COUPLING



DISCOVER OUR RANGE OF BRAKE DRUMS & COUPLINGS

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**PIN BUSH TYPE
BRAKE COUPLING**

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BRAKE DRUM

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FULL GEAR COUPLING

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HALF GEAR COUPLING

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**BRAKE DRUM WITH
FLEXIBLE COUPLING**

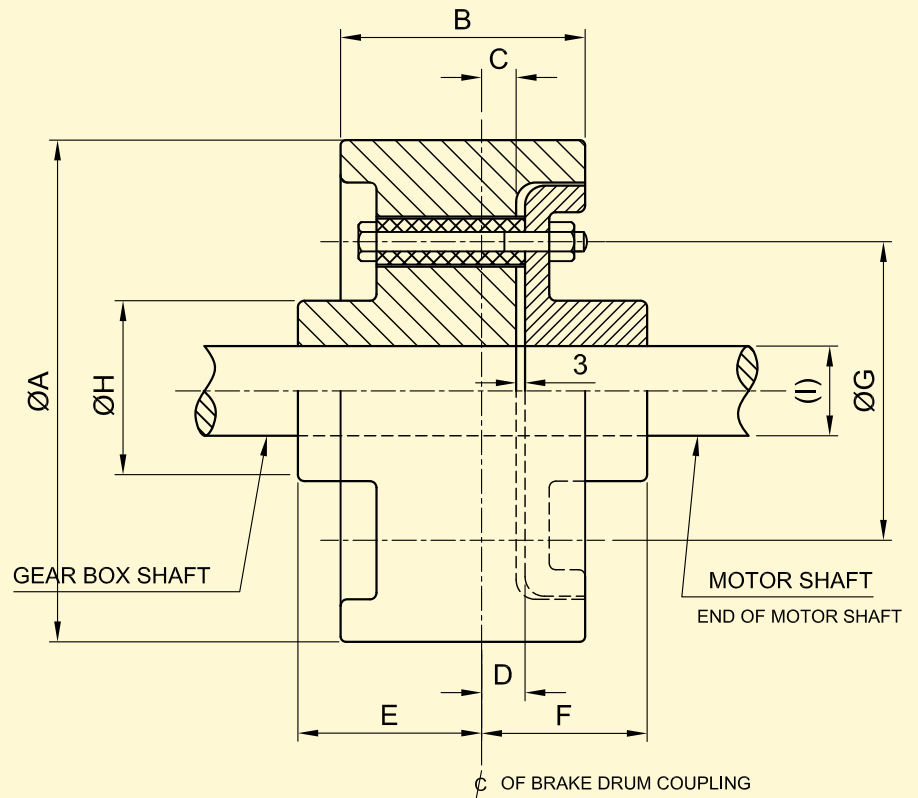
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PIN BUSH TYPE BRAKE COUPLING



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DIMENSIONS (MM)

COUPLING SIZE	ØA	B	C	D	E	F	ØG	ØH	FINISH BORE		WEIGHT KG	TORQUE KG.M	HP/ RPM	CD2 KGM2
									MIN	MAX				
BDC100	100	65	3	6	32	32	64	45	16	25	4	15	0.016	0.015
BDC150	150	80	3	6	42	42	92	65	16	30	10	36	0.028	0.09
BDC160	160	90	3	6	42	42	96	70	16	30	12	36	0.030	0.13
BDC180	180	95	3	6	47	47	119	75	16	40	16	45	0.050	0.32
BDC200	200	102	6	10	57	73	127	84	16	55	18	63	0.050	0.32
BDC250	250	127	6	10	82	98	142	100	25	55	28	90	0.125	1.0
BDC300	300	152	6	10	89	105	197	127	25	75	61	250	0.350	2.5
BDC315	315	160	6	10	95	95	220	130	25	80	65	300	0.420	2.85
BDC400	400	180	3	6	147	156	250	150	25	100	130	360	0.500	9.94
BDC450	450	184	0	3	133	137	267	155	45	110	172	450	0.630	15.4
BDC500	500	210	6	9	144	159	290	200	45	125	250	950	1.380	27.5

BORE : PILOT BORE

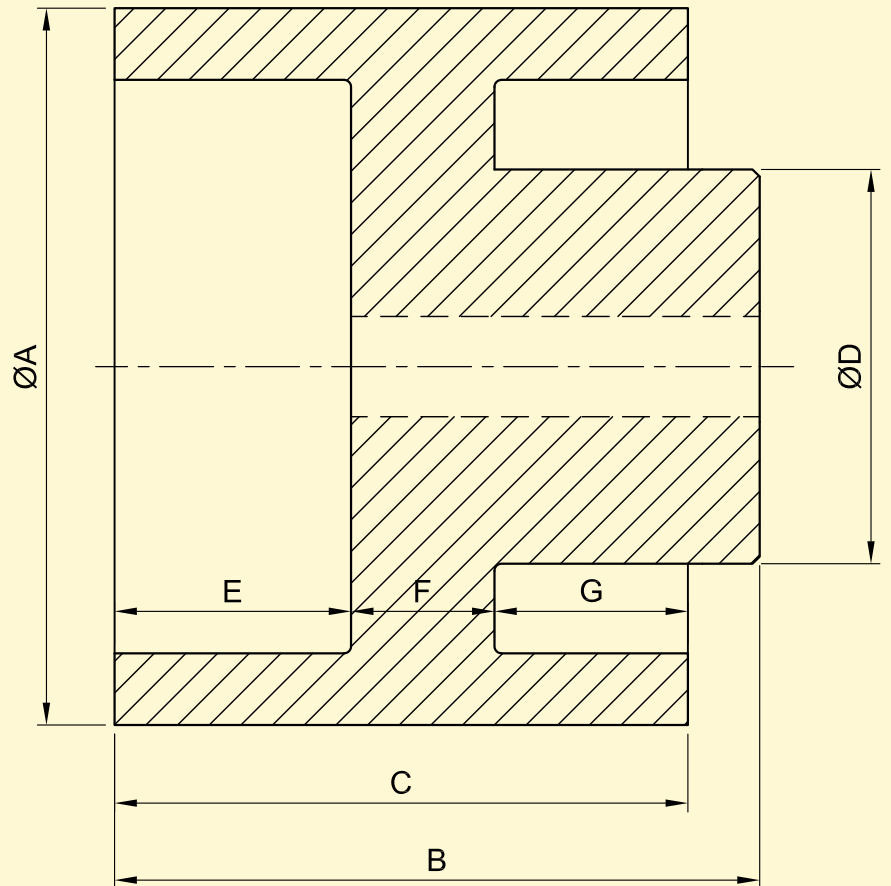
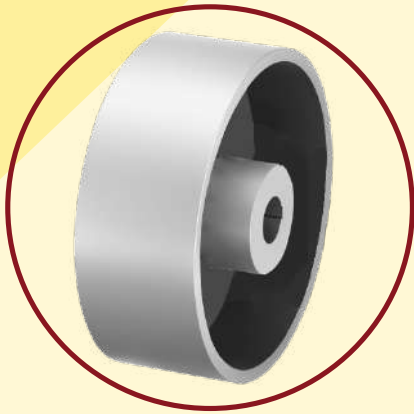
MATERIAL : CAST IRON

H. O. Unit -I : C-15/16, Nand Jyot Industrial Estate, Andheri-Kurla Road, Mumbai - 400072,
Tel : (022) 42469700/730
E-mail : sales@socgroup.in

Unit - II: Plot No. 4912, G. I. D. C., Phase IV, Vatva, Ahmedabad - 382445
Tel.: (079) 68169700/702/712
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CRANE CONTROL GEAR V6



DIMENSIONS (MM)

COUPLING SIZE	ØA	B	C	ØD	E	F	G
BD100	100	90	80	55	33	20	27
BD150	150	96	80	60	32	16	32
BD160	160	108	92	70	38	20	34
BD200	200	116	100	90	44	21	35
BD250	250	140	120	105	52	21	47
BD300	300	175	150	130	60	25	65
BD400	400	205	180	150	75	25	80

BORE : PILOT BORE

MATERIAL : CAST STEEL

HARDNESS : 150-160BHM

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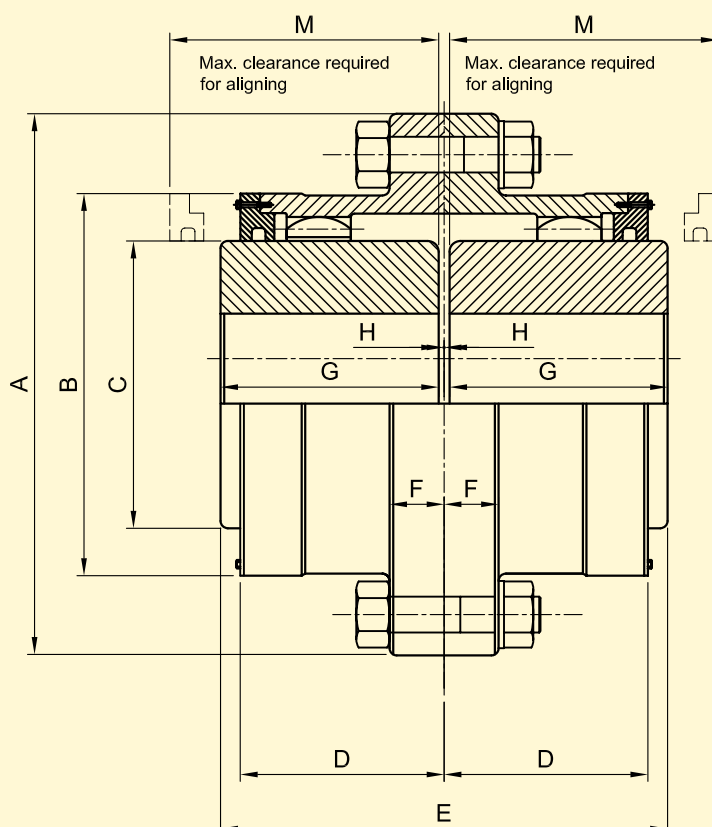
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CRANE CONTROL GEAR

FULL GEAR COUPLING



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SIZE S.F.G	MAX BORE IN MM	PILOT BORE IN MM	LOAD CAPACITY		MAX R.P.M	WEIGHT WITH SOLID HUBS IN KG	G.D.2 KG. M	DIMENSIONAL DETAILS								
			TORQUE KG. M	HP PER 100 R.P.M				A	B	C	D	E	F	G	H	M
100	35	10	50	7	8000	4.2	0.03	120	75	50	39.5	93	15	45	1.5	45
101	45	20	100	14	6300	10	0.14	170	110	65	49	115	17	55	2.5	65
102	60	30	250	35	5000	15	0.20	185	125	85	62	145	17	70	2.5	80
103	75	40	450	63	4000	26	0.48	220	150	105	78	175	20	85	2.5	105
104	90	50	850	119	3350	40	0.95	250	175	130	96	215	20	105	2.5	125
105	110	60	1300	182	2800	62	1.90	290	200	155	106	230	25	110	5.0	140
106	125	75	2000	280	2500	85	3.00	320	230	175	117	260	25	125	5.0	155
107	140	90	3500	490	2100	120	5.25	350	260	205	134	290	25	140	5.0	175
108	160	105	4500	630	1900	180	8.50	380	290	230	147	320	25	155	5.0	190
109	180	125	5600	784	1700	210	15.00	430	330	250	156	340	25	165	5.0	205
110	220	140	8200	1148	1400	290	30.50	490	390	310	171	370	25	180	5.0	220
111	260	160	11000	1536	1250	550	58	545	445	350	192	410	30	200	5.0	240
112	300	180	14700	2053	1120	710	88	590	490	400	231	490	30	240	5.0	280
113	330	200	20000	2793	1000	980	138	680	555	440	242	535	35	260	7.5	310
114	370	220	28600	3994	900	1320	291	730	610	500	266	575	35	280	7.5	330
115	410	250	34750	4852	800	1700	353	780	660	540	305	655	35	320	7.5	370
116	455	300	60000	8378	710	2550	680	900	755	625	335	720	45	350	10.0	425
117	520	375	83550	11917	630	3620	1235	1000	855	720	386	820	45	400	10.0	460
118	610	450	113000	15778	560	4860	1965	1100	950	810	430	920	55	450	10.0	510
119	710	520	149000	20805	500	6380	3012	1250	1050	910	446	1000	55	485	15.0	560

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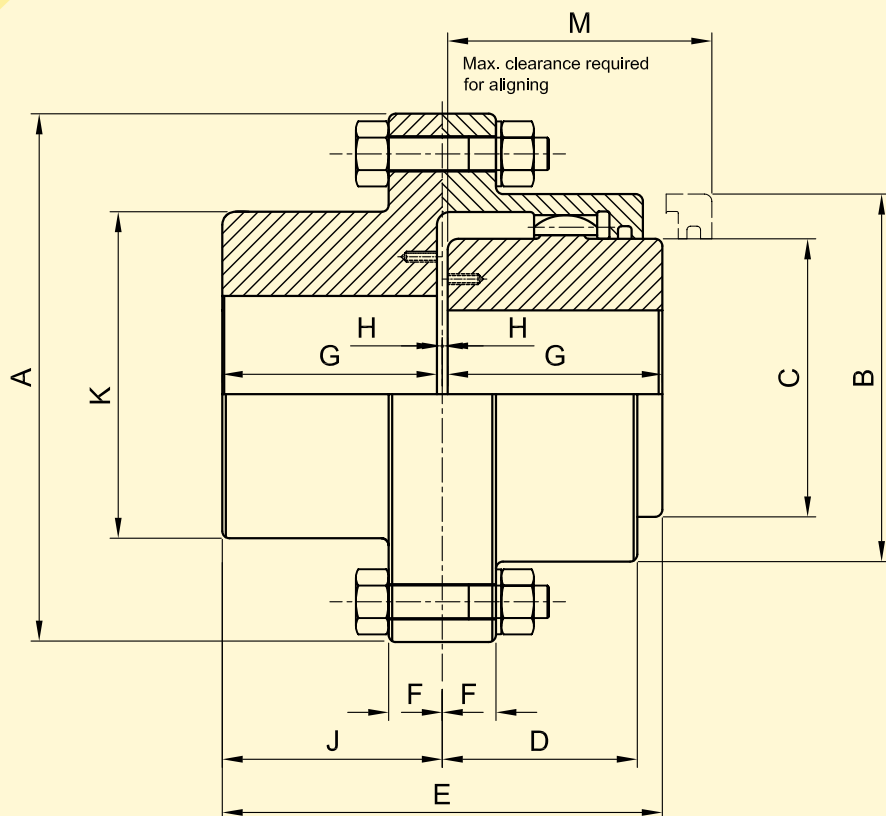
V6

04/11/25

HALF GEAR COUPLING



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SIZE S.F.G	MAX BORE IN MM		PILOT BORE IN MM	LOAD CAPACITY		MAX R.P.M	WEIGHT WITH SOLID HUBS IN KG	G.D.2 KG. M	DIMENSIONAL DETAILS										
	IN GEAR FLANGE	IN RIGID FLANGE		TORQUE KG. M	HP PER 100 R.P.M				A	B	C	D	E	F	G	H	J	K	M
100	35	50	10	50	7	8000	4.2	0.03	120	75	50	39.5	93	15	45	1.5	46.5	70	55
101	50	60	20	100	14	6300	10	0.14	170	110	65	49	115	17	55	2.5	57.5	85	65
102	60	75	30	250	35	5000	15	0.20	185	125	85	62	145	17	70	2.5	72.5	110	80
103	75	90	40	450	63	4000	26	0.48	220	150	105	78	175	20	85	2.5	87.5	130	105
104	90	110	50	850	119	3350	40	0.95	250	175	130	96	215	20	105	2.5	107.5	160	125
105	110	130	60	1300	182	2800	62	1.90	290	200	155	106	230	25	110	5.0	115	185	140
106	125	150	75	2000	280	2500	85	3.00	320	230	175	117	260	25	125	5.0	130	215	155
107	140	170	90	3500	490	2100	120	5.25	350	260	205	134	290	25	140	5.0	145	240	175
108	160	200	105	4500	630	1900	180	8.50	380	290	230	147	320	25	155	5.0	160	285	190
109	180	220	125	5600	784	1700	210	15.00	430	330	250	156	340	25	165	5.0	170	315	205
110	220	260	140	8200	1148	1400	290	30.50	490	390	310	170	370	25	180	5.0	185	317	220

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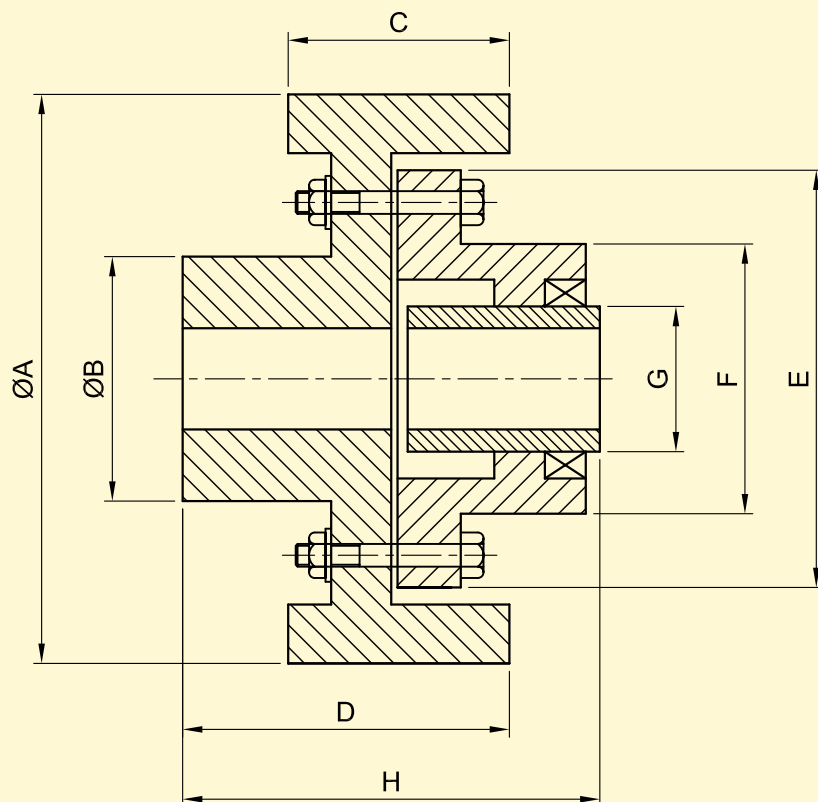
V6

04/11/25

BRAKE DRUM WITH FLEXIBLE COUPLING



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COUPLING SIZE	FINISH BORE		ØA	ØB	C	D	E	F	G	H	WEIGHT KG	TORQUE KG.M	MAX RPM
	MIN	MAX											
GBDC150	10	30	150	65	80	95	120	75	50	110	11.5	50	8000
GBDC160	10	35	160	70	90	110	120	75	50	120	13.7	50	8000
GBDC200	20	45	200	90	100	120	170	110	65	134	23.5	100	6300
GBDC250	20	45	250	105	120	130	170	110	65	134	34.2	100	6300
GBDC250	30	55	250	105	120	130	185	125	85	149	41	250	5000
GBDC300	40	70	300	130	150	170	220	150	105	192	64.5	450	4000
GBDC300	50	85	300	130	150	170	250	175	130	212	72	850	3350
GBDC375	50	85	375	135	165	185	250	175	130	218	140	850	3350
GBDC400	50	85	400	150	180	210	250	175	130	225	152	850	3350
GBDC400	60	105	400	150	180	210	290	200	155	230	160	1300	2800
GBDC450	60	105	450	170	200	220	290	200	155	235	178	1300	2800
GBDC500	75	120	500	210	225	340	320	230	175	275	225	2000	2500

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