HI-TECH COUPLINGS

HPT SERIES
PUNCHED HOLE TYRE TYPE AUTOMATIC FLEXIBLE CUSHION COUPLINGS

FROM HPT-76 TO HPT-520

FROM HPT-600 TO HPT-1250

DIMENSIONAL TABLE / **RATING TABLE**

Coupling Size	Max. Bore C	A	L	D	E	M	Max. Speed RPM	Max. Torque Kgm	Cont. Torque Kgm	Cont. HP/100 RPM	585 RPM	720 RPM	960 RPM	1440 RPM	2880 RPM
HPT-76	27	76	66	39	30	14	6000	5.4	1.81	0.25	1.4	1.8	2.4	3.6	7.2
HPT-86	34	86	76	49	35	14	6000	8.7	2.90	0.40	2.3	2.9	3.8	5.8	11.5
HPT-96	36	96	76	51	35	16	5500	10.8	3.63	0.50	2.9	3.6	4.8	7.2	14.4
HPT-106	38	106	76	54	35	18	5500	13.0	4.35	0.60	3.5	4.3	5.8	8.6	17.3
HPT-116	42	116	88	60	40	22	5500	16.3	5.44	0.75	4.4	5.4	7.2	10.8	21.6
HPT-126	48	126	88	68	40	22	5500	27.0	9.00	1.25	7.3	9.0	12.0	18.0	36.0
HPT-140	50	140	100	72	46	26	5500	38.1	12.70	1.75	10.2	12.6	16.8	25.2	50.4
HPT-160	50	160	108	82	50	28	5000	49.2	16.30	2.25	13.2	16.2	21.6	32.3	65.0
HPT-178	60	178	128	100	60	32	4500	66.0	22.00	3.00	17.5	21.6	28.8	43.2	86.0
HPT-190	65	190	146	105	70	30	4000	87.0	29.00	4.00	23.4	28.8	38.4	57.6	115.0
HPT-220S	60	220	132	100	60	36	3500	130	43.50	6.00	35.0	43.2	57.6	86.0	173.0
HPT-220B	75	220	160	124	75	36	3500	130	43.50	6.00	35.0	43.2	57.6	86.0	173.0
HPT-250S	70	250	160	115	75	40	3000	186	62.00	8.50	49.7	61.2	81.5	122.0	245.0
HPT-250B	85	250	192	145	90	40	3000	186	62.00	8.50	49.7	61.2	81.5	122.0	245.0
HPT-272S	75	272	173	125	80	40	2750	225	76.00	10.5	61.0	75.5	101.0	151.0	-
HPT-272B	100	272	205	163	96	40	2750	225	76.00	10.5	61.0	75.5	101.0	151.0	-
HPT-292S	80	292	175	130	80	47	2600	327	109.00	15.00	88.0	108.0	144.0	216.0	-
HPT-292B	105	292	228	168	105	47	2600	327	109.00	15.00	88.0	108.0	144.0	216.0	-
HPT-316S	90	316	195	150	90	47	2500	400	134.00	18.50	108.0	133.0	177.0	266.0	-
HPT-316B	115	316	245	190	115	47	2500	400	134.00	18.50	108.0	133.0	177.0	266.0	-
HPT-342S	90	342	195	150	90	53	2250	570	189.00	26.00	152.0	187.0	250.0	374.0	-
HPT-342B	120	342	255	198	120	53	2250	570	189.00	26.00	152.0	187.0	250.0	374.0	-
HPT-390S	100	390	218	165	100	57	2000	870	290.00	40.00	234.0	288.0	384.0	576.0	-
HPT-390B	140	390	298	230	140	57	2000	870	290.00	40.00	234.0	288.0	384.0	576.0	-
HPT-450S	130	450	270	216	125	60	1600	1524	508.00	70.00	409.0	504.0	672.0	1007	-
HPT-450B	175	450	360	286	170	60	1600	1524	508.00	70.00	409.0	504.0	672.0	1007	-
HPT-520S	150	520	294	250	135	62	1400	2178	726.00	100	585.0	720.0	960.0	-	-
HPT-520B	220	520	384	354	180	62	1400	2178	726.00	100	585.0	720.0	960.0	-	-
HPT-600	As required	600	To Suit Requirements				1300	3930	1306	180	1052	1295	1727	-	-
HPT-675		675					1100	5880	1960	270	1578	1942	2590	-	-
HPT-725		725					950	8700	2904	400	2340	2880	-	-	-
HPT-810		810					850	13068	4356	600	3510	4320	-	-	-
HPT-900		900					750	19602	6534	900	5261	6475	-	-	-
HPT-1000		1000					650	26136	8712	1200	7015	-	-	-	-
HPT-1100		1100					550	32670	10890	1500	-	-	-	-	-
HPT-1175		1175					500	43560	14520	2000	-	-	-	-	-
HPT-1250		1250													

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0
(3) Since HPT-220S to 520S are made with standard hubs. Bigger hubs are used where Shaft diameters are unusually big. Couplings also can be supplied with combination of standard & big hub.
(4) All Dimensions in mm.

HI-TECH COUPLINGS

HTC SERIES
TYRE TYPE AUTOMATIC FLEXIBLE CUSHION COUPLINGS

FROM HTC-01 TO HTC-17

FROM HTC-18 TO HTC-25

DIMENSIONAL TABLE / **RATING TABLE**

Coupling Size	Max. Bore C	A	L	D	E	M	Max. Speed RPM	Max. Torque Nm	Cont. Torque Nm	Cont. HP/100 RPM	585 RPM	720 RPM	960 RPM	1440 RPM	2880 RPM
HTC-01	9	42	54	27	19	16	6000	*	*	*	0.06	0.07	0.10	0.15	0.30
HTC-02	11	54	68	38	24	20	6000	*	*	*	0.12	0.15	0.20	0.30	0.60
HTC-03	14	70	78	43	27	24	6000	*	*	*	0.20	0.25	0.35	0.50	1.00
HTC-04	18	93	74	30	26	22	6000	*	*	*	0.30	0.40	0.50	0.70	1.50
HTC-05	20	97	74	35	25	24	5500	15	5	0.07	0.40	0.50	0.70	1.00	2.00
HTC-06	22	105	84	38	32	20	5500	30	10	0.14	0.80	1.00	1.30	2.00	4.10
HTC-07	24	105	111	43	40	31	5500	45	15	0.21	1.25	1.54	2.00	3.10	6.15
HTC-08	28	120	95	51	37	21	5500	60	20	0.28	1.65	2.00	2.70	4.10	8.20
HTC-09	32	135	108	58	39	30	5500	90	30	0.42	2.50	3.10	4.10	6.10	12.3
HTC-10	44	160	132	71	49	34	4400	135	45	0.63	3.75	4.60	6.20	9.25	18.5
HTC-11	44	160	125	61	51	31	4400	165	55	0.77	4.60	5.60	7.50	11.3	22.5
HTC-12	44	176	147	71	53	41	4200	210	70	0.98	5.85	7.20	9.60	14.4	29.0
HTC-13	50	188	145	80	53	39	3750	330	110	1.54	9.20	11.3	15.0	22.6	45.0
HTC-14	55	212	155	95	56	43	3200	450	150	2.10	12.5	15.5	20.5	30.8	62.0
HTC-15	70	240	173	118	62	49	2700	660	220	3.10	18.5	22.8	30.0	45.0	-
HTC-16	85	270	181	138	68	45	2700	900	300	4.20	25.0	30.0	41.0	61.0	-
HTC-17	90	280	215	142	76	63	2600	1410	470	6.60	39.0	48.0	65.0	97.0	-
HTC-18	95	310	195	154	90	15	2550	1800	600	8.40	50.0	61.0	82.0	123	-
HTC-19	100	316	202	159	96	10	2450	2355	785	11.0	65.0	80.0	107	161	-
HTC-20	125	370	226	203	110	6	2200	3600	1200	16.8	100	123	164	246	-
HTC-21	125	370	240	203	115	10	2000	4485	1500	21.0	125	154	205	308	-
HTC-22	140	412	256	237	118	20	1700	7170	2405	33.6	200	246	328	492	-
HTC-23	140	448	280	230	125	30	1600	11100	3725	52.0	310	381	508	762	-
HTC-24	170	530	282	315	128	26	1300	16080	5385	75.2	448	551	735	-	-
HTC-25	145	546	365	260	147	71	1250	20535	6850	96.1	572	705	940	-	-

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0
(3) All Dimensions in mm.
(4) * Nominal

HI-TECH COUPLINGS

HPC SERIES
TYRE TYPE AUTOMATIC FLEXIBLE CUSHION COUPLINGS

FROM HPC-40 TO HPC-120

FROM HPC-140 TO HPC-180

RATING TABLE

Coupling Size	Max. Speed RPM	Max. Torque Nm	Cont. KW/100 RPM	Cont. HP/100 RPM	Cont. Nm	585 RPM	720 RPM	960 RPM	1440 RPM	2880 RPM
HPC-40	4500	64	0.22	0.29	21	1.3	1.6	2.1	3.2	6.3
HPC-45	4500	110	0.39	0.52	37	2.3	2.8	3.8	5.6	11.0
HPC-50	4500	160	0.56	0.75	53	3.3	4.0	5.4	8.0	16.0
HPC-60	4000	318	1.11	1.49	106	6.5	8.0	11.0	16.0	32.0
HPC-70	3600	487	1.70	2.28	162	10.0	12.0	16.0	24.0	49.0
HPC-80	3100	759	2.65	3.55	253	15.5	19.0	26.0	38.0	76.0
HPC-85	3000	915	3.20	4.29	305	19.0	23.0	31.0	46.0	92.0
HPC-90	2880	1096	3.82	5.12	365	22.0	28.0	37.0	55.0	110.0
HPC-100	2600	1517	5.29	7.09	505	31.0	38.0	51.0	76.0	
HPC-110	2300	2137	7.46	9.99	712	44.0	54.0	72.0	107.0	
HPC-120	2050	3547	12.40	16.62	1184	73.0	89.0	119.0	178.0	
HPC-140	1800	5642	19.70	26.40	1881	115.0	142.0	189.0	284.0	
HPC-160	1500	9339	32.60	43.68	3113	191.0	235.0	313.0	470.0	
HPC-180	1500	16455	57.40	76.92	5481	336.0	410.0	551.0	827.0	

DIMENSIONAL TABLE

Desc. Coupling Size	Bore Min.	Bore Max.	A	L	D	E	C	G	M	F	Approx. Wt. (Kgs)	Axial	Parallel	Angular
HPC-40	13	30	104	66	-	22	82	43	22	-	2.0	1.3	1.1	4
HPC-45	13	32	120	74	-	25	94	43	29	-	3.0	1.5	1.2	4
HPC-50	18	38	133	89	79	32	100	43	25	-	3.5	1.5	1.3	4
HPC-60	18	45	165	109	71	38	125	43	33	-	5.5	2.0	1.6	4
HPC-70	20	55	197	130	80	45	144	10	40	101	8.5	2.3	1.9	4
HPC-80	25	65	211	145	95	51	167	10	43	106	12.0	2.6	2.1	4
HPC-85	32	70	222	150	103	53	179	13	43	107	15.0	2.8	2.2	4
HPC-90	32	75	235	160	110	57	188	13	46	119	18.0	2.8	2.5	4
HPC-100	32	85	254	168	124	60	216	13	48	123	24.0	3.3	2.6	4
HPC-110	32	90	279	174	134	65	233	14	44	127	31.0	3.7	2.9	4
HPC-120	39	102	314	201	152	76	264	14	49	140	42.0	4.0	3.2	4
HPC-140	45	120	359	196	195	89	311	14	18	152	70.0	4.6	3.7	4
HPC-160	50	140	400	219	216	102	345	19	15	156	91.0	5.3	4.2	4
HPC-180	60	175	470	258	266	114	398	19	30	188	140.0	6.0	4.8	4

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0
(3) All Dimensions in mm.

HI-TECH COUPLINGS

STAR COUPLINGS

HS, HW, HRWAL, STAR, SNAP WRAP, T

TYPE HS — TYPE HW — TYPE HRWAL (R - STD. SPACER LENGTH)

Coupling Type	Size	Bore Pilot	Bore Max.	HP/100 RPM	Torque (Nm)	ØA HS	ØA HW/HRWAL	Length thru' Bore C	Dia ØB	Overall Length L for (HS/HW)	Gap G
HS	50	5	16	0.04	2.85	27	-	15	27	42	1
	70	10	20	0.07	5.00	35	-	19	35	51	2
	75	10	22	0.13	9.25	44	-	21	40	55	2
HS HW HRWAL	95	15	28	0.29	20.65	54	65	25	49	63	2
	99	15	30	0.50	35.50	65	78	27	51	72	2
	100	15	35	0.66	47.00	65	78	35	57	88	2
	110	20	42	1.25	89.00	85	96	43	76	108	3
	150	20	48	2.00	142.50	96	111	45	80	115	3
	190	20	60	2.70	192.50	115	129	54	102	133	3
	225	20	65	3.70	263.50	127	142	64	111	153	3
HS HW	226	25	70	4.60	327.50	137	153	70	119	178	3
	276	25	75	7.50	534.00	157	173	80	127	200	3
	280	30	80	11.00	783.00	192	208	80	140	200	3
	295	30	95	18.00	1282.00	237	253	95	162	238	3
	2955	30	105	30.00	2136.00	237	253	108	180	264	3
HW	300	35	105	42.75	3044.00	-	272	115	180	283	3
	350	35	115	60.30	4294.00	-	323	128	200	309	3

NOTE: R=SPACER LENGTH AVAILABLE IN 90, 100, 140, 180 mm

- **HI-TECH HS Couplings** : Consist of Two Hubs & One Rubber Star.
- **HI-TECH HW Couplings** : Consist of Two Hubs, One Rubber Snap-wrap, One Retaining Ring and necessary screws and washers. Snap-wrap can be replaced without disturbing drive and driven.
- **HI-TECH HRWAL Couplings**: Consist of Two Hubs, Two Rubber Snap-wraps, Two Retaining Rings, One Aluminium Spacer and necessary screws and washers. Snap wrap can be replaced without disturbing drive and driven.

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0
(3) All Dimensions in mm.

HI-TECH COUPLINGS

STAR COUPLINGS

TYPE HRS — TYPE HRWC

STAR — Cushion Pad

Dimensional Data

Coupling Size	Bore Min	Bore Spacer	Max Bore Std	HP/100 RPM	Rating Torque Nm
HRS-95	10	15	28	0.29	20.65
HRS-100	10	18	38	0.66	47.00
HRS-110	15	24	42	1.25	89.00
HRS-150	15	32	48	2.00	142.50
HRS-190	15	38	55	2.70	192.50
HRS-225	15	42	65	3.70	263.50

DBSE R	Outside Dia ØA	Adapter Hub Dia ØB	Length thru' Bore C	Std.	Min bolt clearance M Std.
75,90,100,140	54	-	25	-	30
	65	65	-	30	50
	85	76	35	35	60
75, 90,100,140,180	96	90	40	40	70
	115	102	45	48	75
	127	115	50	54	90

Coupling Size	Bore Min	Bore Max	HP/100 RPM	Rating Torque Nm
HRWC-226	25	70	4.60	327.50
HRWC-276	25	75	7.50	534.00
HRWC-280	30	80	11.00	783.00
HRWC-295	30	95	18.00	1282.00
HRWC-2955	30	105	30.00	2136.00
HRWC-300	35	105	42.75	3044.00
HRWC-350	35	125	60.30	4294.00

DBSE R	Outside Dia ØA	Adapter Hub Dia ØB	Length thru' Bore C	Min bolt clearance M
90,100, 140,180	153	134	50	92
	173	130	60	107
	208	130	60	70
	253	160	70	80
	253	160	75	80
	272	180	80	85
	323	200	90	85

- Maintain Gap : 2 mm for HRS-095, HRS-100 & 3 mm for all other sizes at the time of assembly.
- **HI-TECH HRS Couplings** : Consist of Two Hubs, Two Spacers, One Rubber Star, and necessary screws and washers.
- **HI-TECH HRWC Couplings** : Consist of Two Hubs, Two Spacers, Cushion Pads, One Retainer Ring and necessary screws and washers.

HI-TECH U - TYRE for Centrifugal Machine:
Manufactured as per O.E.M. standards.

All Dimensions in mm.

FLEXION COUPLINGS

GC SERIES
CURVED TOOTH FLEXIBLE GEAR COUPLINGS

FLEXION FULL GEAR GC-00 TO GC-10

FLEXION FULL GEAR GC-11 TO GC-19

FLEXION HALF RIGID HALF GEAR HRHG-00 TO HRHG-19

RATING TABLE

Coupling Size	Rating HP/100 RPM	Bore Gear Hub Min.	Bore Gear Hub Max.	Bore Max. Rigid Hub	Max. Torque Nm	Max. Speed RPM
GC-00	7	15	40	50	500	7800
GC-01	15	20	50	60	1070	6700
GC-02	38	30	60	75	2705	5800
GC-03	69	40	75	90	4115	4500
GC-04	129	50	90	110	9185	3850
GC-05	201	60	110	130	14310	3150
GC-06	308	70	125	150	21930	2700
GC-07	523	90	140	170	37240	2350
GC-08	690	100	160	200	49130	2100
GC-09	863	120	180	220	61445	1900
GC-10	1247	140	220	260	88785	1750
GC-11	1696	150	260	270	120755	1550
GC-12	2144	170	300	300	152650	1400
GC-13	3860	180	330	340	274830	1100
GC-14	5335	230	370	370	379850	900
GC-15	6387	250	410	400	454750	800
GC-16	9115	300	460	460	649000	710
GC-17	11917	350	525	530	848500	630
GC-18	15778	380	610	580	1123400	560
GC-19	20805	425	705	650	1481300	500

DIMENSIONAL TABLE

A	B	C	D	E	E1	F	G	H	H1	J	Weight in Kg.	GD² Value Kg. M²
125	111	48	17	53	55.5	5	58	82	70	60	6	0.04
170	115	50	17	55	57.5	5	70	110	85	65	12	0.12
185	145	62	17	70	72.5	5	85	125	110	80	17	0.20
220	175	78	20	85	87.5	5	105	150	130	105	26	0.50
250	215	96	20	105	107.5	5	130	175	160	125	45	1.00
290	230	106	25	110	115	10	155	200	185	140	67	2.15
320	260	120	25	125	130	10	175	230	215	155	95	3.70
350	290	135	25	140	145	10	205	260	240	175	120	5.30
380	330	150	25	160	165	10	225	290	285	200	180	9.00
430	350	160	25	170	175	10	250	330	315	210	215	12.50
490	380	175	25	185	190	10	310	390	370	230	320	30.80
545	410	190	30	200	205	10	350	445	380	260	590	57.40
590	490	230	30	240	245	10	400	490	420	290	760	89.50
680	535	240	35	260	267.5	15	450	555	480	320	1020	140.00
730	575	265	35	280	287.5	15	500	610	520	340	1350	291.00
780	655	305	35	320	327.5	15	540	660	560	375	1700	353.00
900	720	330	45	350	360	20	625	755	655	425	2550	690.00
1000	820	385	45	400	410	20	720	855	755	460	3620	1235.00
1100	920	430	55	450	460	20	810	950	820	510	4860	1965.00
1250	1000	445	55	485	500	30	910	1050	920	560	6380	3012.00

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0
(3) All Dimensions in mm.

Mfg. by : SWASTIKA INDUSTRIES, DELHI (INDIA)
PH # 91-11-27762646-47, 32673480

FLEXION COUPLINGS

BDGC SERIES
FLEXIBLE BRAKE DRUM GEAR COUPLINGS

FLEXION DETACHABLE BRAKE DRUM GEAR COUPLINGS

RATING TABLE / **DIMENSIONAL TABLE**

Coupling Size	Rating HP/100 RPM	Bore Min.	Bore Max.	Max. Torque Nm	Max. Speed RPM	A	B	C	D	E	F	G	H	J	L
BDGC-00-150 Ø	7	15	40	500	7800	150	80	48	17	53	2.5	58	82	125	115.5
BDGC-00-160 Ø	7	15	40	500	7800	160	80	48	17	53	2.5	58	82	125	115.5
BDGC-00-175 Ø	7	15	40	500	7800	175	90	48	17	53	2.5	58	82	125	125.5
BDGC-01-175 Ø	15	20	50	1070	6700	175	90	50	17	55	2.5	70	110	163	127.5
BDGC-02-200 Ø	38	30	60	2705	5800	200	110	62	17	70	2.5	85	125	185	162.5
BDGC-02-250 Ø	38	30	60	2705	5800	250	125	62	17	70	2.5	85	125	185	177.5
BDGC-03-250 Ø	69	40	75	4115	4500	250	125	78	20	85	2.5	105	150	220	187.5
BDGC-03-300 Ø	69	40	75	4115	4500	300	125	78	20	85	2.5	105	150	220	187.5
BDGC-04-300 Ø	129	50	90	9185	3850	300	125	96	20	105	2.5	130	175	250	207.5
BDGC-04-400 Ø	129	50	90	9185	3850	400	150	96	20	105	2.5	130	175	250	232.5
BDGC-05-500 Ø	201	60	110	14310	3150	500	175	106	25	110	5.0	155	200	290	260.0

IN-BUILT BRAKE DRUM COUPLINGS and BOTH SIDE GEAR COUPLING with DRUM
Also available on demand

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuos rating values are for normal duty conditions with Service Factor 1.0
(3) All Dimensions in mm.

FLOATING SHAFT GEAR COUPLING

SPACER GEAR COUPLING

Mfg. by : SWASTIKA INDUSTRIES, DELHI (INDIA)
PH # 91-11-27762646-47, 32673480

FLEXION COUPLINGS

PB SERIES
PIN-BUSH FLEXIBLE COUPLINGS

FROM PB-01 TO PB-13

FROM PB-14 TO PB-15

RATING TABLE / **DIMENSIONAL TABLE**

Coupling Size	No. of Pins	Rating HP/100 RPM	Max. Bore B_1	Max. Bore B_2	Max. Torque Nm	Max. Speed RPM	A	B	C	D_1	D_2	E	F	G	App.Wt. Kgs.
PB-01	08	1.4	28	30	100	7200	96	74	35	47	50	16	10	4	2.0
PB-02	10	4.8	38	42	342	6100	112	94	45	62	70	16	10	4	3.5
PB-03	08	7.3	40	48	520	5500	125	104	50	65	75	20	12	4	4.5
PB-04	10	8.1	48	55	577	4900	140	114	55	75	85	20	12	4	6.5
PB-05	09	8.8	55	60	626	4500	160	124	60	85	92	23	16	4	9.5
PB-06	10	11.9	65	70	847	3800	180	144	70	100	110	23	16	4	13.5
PB-07	12	17.5	75	80	1246	3400	200	164	80	120	125	23	16	4	18.5
PB-08	11	28.0	85	90	1994	3000	225	187	90	135	144	25	20	7	27.0
PB-09	12	49.0	95	105	3489	2700	250	207	100	152	162	25	20	7	37.0
PB-10	11	61.6	105	115	4385	2400	285	227	110	162	180	38	29	7	53.0
PB-11	12	84.0	120	130	5980	2100	320	257	125	185	200	38	29	7	73.0
PB-12	11	123.0	130	140	8757	1900	360	287	140	200	215	45	35	7	102.0
PB-13	10	185.0	145	160	13172	1700	400	327	160	230	250	52	43	7	146.0
PB-14	12	253.0	170	170	18014	1500	450	367	180	265	265	52	52	7	204.0
PB-15	14	350.0	190	190	24920	1350	500	407	200	295	295	52	52	7	280.0

(1) Above dimensions are approximate & be used for guidance only. We reserve the right to alter these dimensions without notice.
(2) The Continuous rating values are for normal duty conditions with Service Factor 1.0
(3) All Dimensions in mm.

Mfgd. By : SWASTIKA INDUSTRIES, DELHI (INDIA)
PH # 91-11-27762646-47, 32673480

SWASTIKA INDUSTRIES
H-57, Sector-4, DSIDC Indl.Area, Bawana, Delhi-110039 India.
Ph : 011-27762646 , 27762647
E-mail : flexioncouplings@yahoo.co.in , swastikaindustries@yahoo.co.in

FLEXION STRAIGHT BUSH COUPLING

DIMENSIONAL TABLE

Size	No. of Pins	Torque Nm	Min. Bore (mm)	Max. Bore (mm)	Max. Speed rev/min	A	B	C	D	E	Rating KW/100 RPM
SBC1	3	77	12.7	28	6100	95	79	38	3	44	.80
SBC2	4	310	12.7	30	5100	114	99	48	3	51	3.25
SBC2A	6	516	16	42	4400	130	105	51	3	68	5.4
SBC3	4	621	16	48	3600	160	107	51	5	75	6.5
SBC4	4	831	20	65	3000	191	125	60	5	105	8.7
SBC4A	6	1241	20	65	3000	191	125	60	5	105	13
SBC5	6	1662	25	75	2600	225	157	76	5	120	17.4
SBC6	8	2359	45	95	2300	254	183	89	5	152	24.7
SBC6A	10	2932	45	95	2300	254	183	89	5	152	30.7
SBC6B	12	3533	45	95	2300	254	183	89	5	152	37
SBC7	12	4154	60	115	1950	290	235	115	5	185	43.5
SBC7A	14	5195	60	120	1900	300	235	115	5	192	54.4
SBC8	16	5816	65	130	1850	310	255	125	5	208	60.9
SBC8A	18	7268	65	135	1650	340	265	130	5	216	76.1
SBC8B	12	8729	70	140	1590	360	276	135	6	224	91.4
SBC9	13	9932	80	150	1470	390	316	155	6	240	104
SBC9A	15	13274	90	160	1400	410	336	165	6	256	139
SBC10	16	14420	100	170	1300	440	366	180	6	272	151
SBC10A	17	18050	110	180	1200	480	386	190	6	288	189
SBC11	20	23780	120	190	1080	530	406	200	6	305	249

All Dimensions in MM.
We reserve the right to change / alter dimensions without notice.

SWASTIKA INDUSTRIES
H-57 Sector 4 Bawana Industrial Area , Delhi-39.
Ph : 011-27762646 , 47.

RESILIENT COUPLINGS / GRID COUPLINGS

TYPE -A RC -1 to RC-17

TYPE-B RC-20 to RC-23

FOR USE ON HORIZONTAL SHAFT ONLY

Coupling NO.	Rating HP/RPM	Clear DIA. OD (MM)	Boss Length L1 (MM)	Boss Length L2 (MM)	Removal Space RS (MM)	Gap G (MM)	Cover Bore CB (MM)	Safe Speed RPM	Bore Min (MM)	Bore Max. (MM)	Approx Weight KGS	CODE
RC-1	.006	105	38.0	38.0	52	.85	44.52	5650	10	29	3	102
RC-2	.010	120	38.0	38.0	52	.85	58.80	4750	12	38	4	110
RC-3	.020	144	44.5	44.5	59	.85	62.00	4450	16	41	5	120
RC-4	.030	171	51.0	51.0	59	.85	87.45	3400	16	57	9	124
RC-6	.045	190	51.0	51.0	79	.85	84.25	3200	16	54	11	130
RC-7	.065	197	57.0	57.0	79	.85	96.95	2950	16	64	15	136
RC-8	.095	222	63.5	63.5	79	.85	119.2	2500	25	78	20	152
RC-9	.125	254	70.0	70.0	80	.85	143.0	2150	25	92	27	158
RC-10	.185	276	89.0	89.0	80	1.60	165.2	1900	25	108	43	168
RC-11	.355	295	102.0	102.0	128	1.60	155.7	1800	38	102	54	212
RC-13	.455	324	101.5	101.5	147	1.60	187.4	1650	50	123	63	236
RC-14	.655	336	101.5	101.5	147	1.60	184.2	1550	50	121	72	266
RC-15	.905	375	114.5	114.5	147	1.60	222.3	1350	50	146	104	290
RC-17	1.255	425	127.0	127.0	147	1.60	254.0	1200	50	167	149	318
RC-20	1.755	432	140.0	140.0	179	3.20	239.5	1200	75	157	175	432
RC-21	2.405	432	140.0	140.0	179	3.20	239.5	1200	75	157	180	
RC-22	2.755	492	152.5	152.5	179	3.20	266.7	1100	85	173	207	478
RC-23	3.505	492	152.5	152.5	179	3.20	266.7	1100	85	173	216	

All dimensions are in MM.
We reserve the right to Change / alter dimensions without notice.