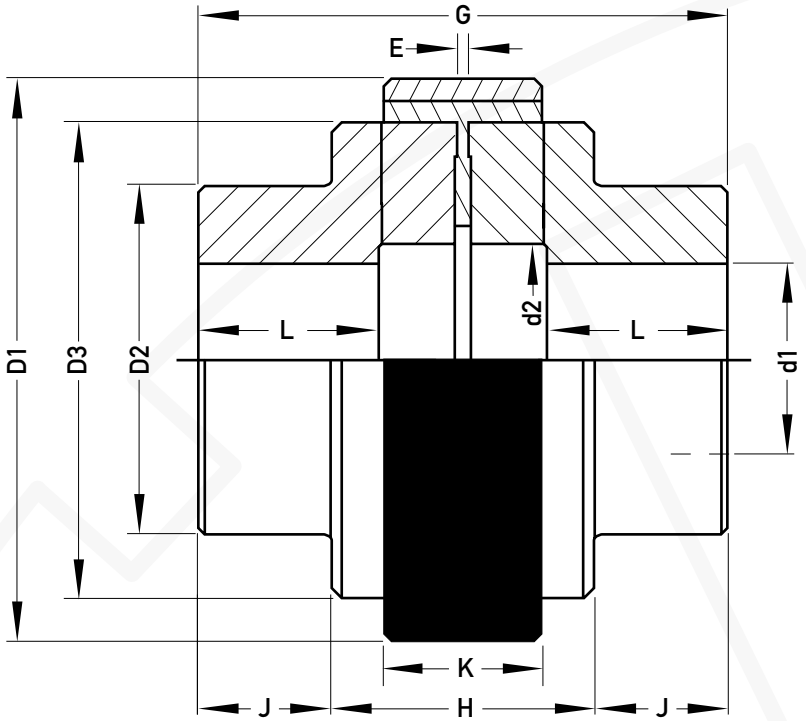
SAMIFLEX COUPLING TYPE A



Technical Details and Dimensions

Coupling Type		A0	A1	A2	A3	A3B	A4	A4B	A45	A5	A5B	A55	A6	A7	A8	A9	A10	A11	A12
STD & HT Insert	Maximum KW per 1000	6	14	29	58	58	120	120	211	301	301	361	482	963	1806	2880	4607	6157	20942
	Max. Cont. Torque Nm	55	138	275	550	550	1150	1150	2013	2875	2875	3450	4600	9200	17250	27500	44000	58800	200000
HD & HDT Insert	Maximum KW per 1000	-	-	-	-	-	162	162	283	406	406	487	649	1298	2346	3743	5990	8000	-
	Max. Cont. Torque Nm	-	-	-	-	-	1550	1550	2700	3875	3875	4650	6200	12400	22400	35750	57200	76400	-
Technical data	Max. Speed - Unbal.	11000	8800	6500	4900	4900	3800	3800	3300	3000	3000	2650	2450	2100	1750	1450	1175	1250	875
	Max. Speed - Bal. (Steel)	14650	11750	8850	6500	6500	5000	5000	4475	4000	4000	3550	3250	2850	2345	1985	1580	1650	1175
	Moment of Inertia (Kg-m2)	–	0.0012	0.005	0.012	0.020	0.050	0.075	0.102	0.155	0.210	0.275	0.437	0.825	2.326	4.95	12	16	52
	Weight (Kg)	1	1.8	3.8	6.2	8.5	12.5	16	19	26	31	36	47	75	137	218	350	410	1000
Displacement values	Axial Tolerance	+0.3	+0.5	+0.5	+0.7	+0.7	+0.8	+0.8	+1.0	+1.0	+1.0	+1.0	+1.0	+1.0	+1.5	+1.5	+2.0	+2.0	+3.0
	Radial / Parallel	0.30	0.30	0.50	0.50	0.50	0.70	0.70	0.70	0.70	0.70	0.80	0.80	1.00	1.00	1.00	1.50	1.50	0.6
	Angular Tolerance	2	2	2	2	2	1.3	1.3	1.3	1.3	1.3	1.3	1.3	1	1	1	1	1	0.7

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Dimensions (mm)	Max. Bore d1	24	38	44	50	58	65	70	75	85	95	95	110	130	150	180	210	210	300
	Pilot Bore	8	14	17	19	19	24	24	25	29	29	30	39	48	63	73	96	96	100
	D1	65	83	111	144	144	182	182	202	225	225	250	265	306	363	425	523	503	710
	D2	52	65	80	85	105	110	140	125	140	160	155	180	205	242	280	330	350	500
	D3	52	65	86	116	116	150	150	170	190	190	215	233	267	326	385	483	458	650
	d2	32	39	45	52	52	70	70	90	89	89	115	112	135	157	188	218	216	380
	G	73	91	127	156	156	180	180	198	216	216	246	260	310	382	420	482	512	709
	L	28	34	47	56	56	63	63	70	77	77	90	95	116	147	162	188	190	250
	Standard "DBSE"	17	23	33	44	44	54	54	58	62	62	66	70	78	88	95	106	132	209
	Dist. Between Hubs "E"	1.5	1.5	2.5	2.5	2.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	4	5	5	6	6	5
	H	–	–	55	65	65	85	85	93	101	101	109	119	134	154	162	192	216	359
	J	–	–	36	45	45	47	47	52	57	57	68	70	88	114	129	145	148	175
	K	16	22	32	42	42	51	51	56	59	59	64	67	75	85	92	102	128	210

1) STD Inserts will be supplied as standard unless specified. High Torque (HD), High Temperature (HT) or High Torque & Temperature (HDT) Inserts can be supplied upon request.
2) Maximum unbalanced speeds are based on Cast Iron Hubs. Higher speeds may be attained using Ductile Iron or Steel Hubs - Consult Autogard
3) Distance Between Shaft ends (DBSE) is based on the shafts mating flush with the end of the hub face. Shorter or longershaft separations may be obtained by overhanging the shaft or hub
4) Weights and inertias are based on solid hubs.
5) Peak torque is 2 x maximum continuous torque.