

HINTS FOR INSTALLATIONS IN HAZARDOUS AREAS

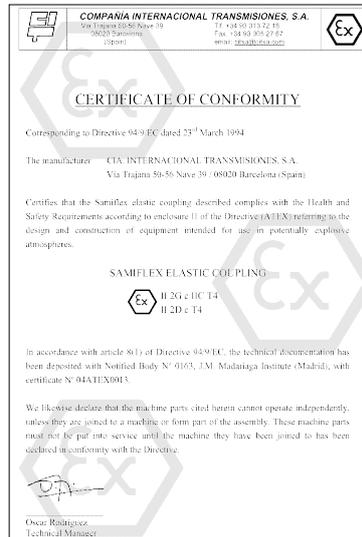


II 2G C IIC T4
II 2D C T4

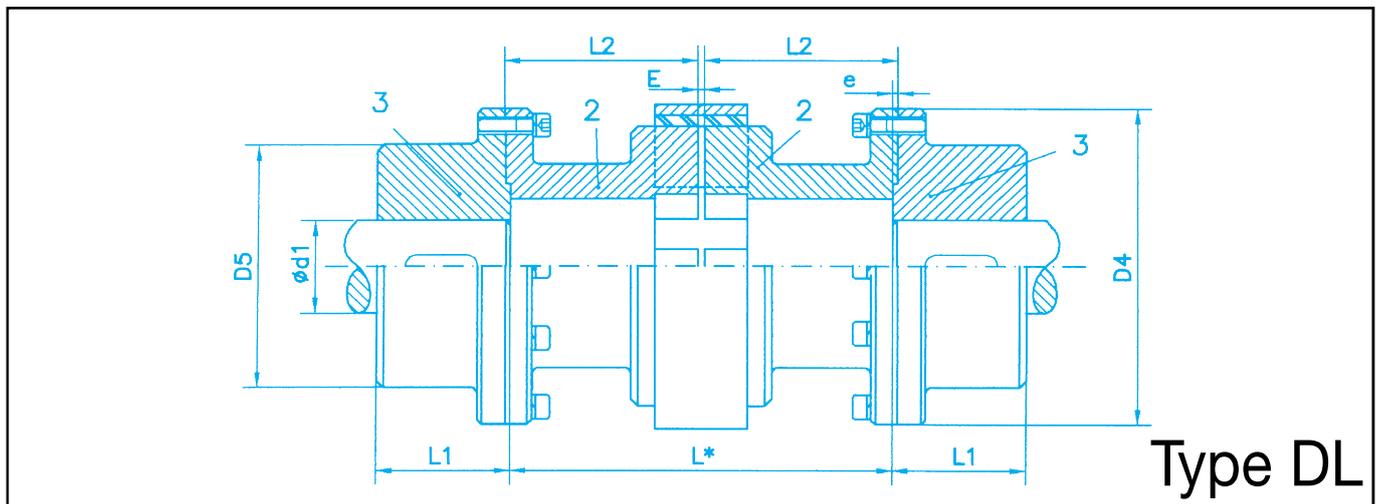
According with the directive ATEX 94/9/EC, shaft couplings are classified as units to be part of a equipment, under the non-electrical material group.

The Samiflex elastic coupling, meet all the ATEX conformity requirements for group II, category 2G (gas) and 2D (dust), explosion group IIC and temperature T4.

Installation instructions for the Samiflex coupling with ATEX certification are published in our bulletin 07/2003 and are available to consult and download in our websites www.samiflex.com and www.citsa.com



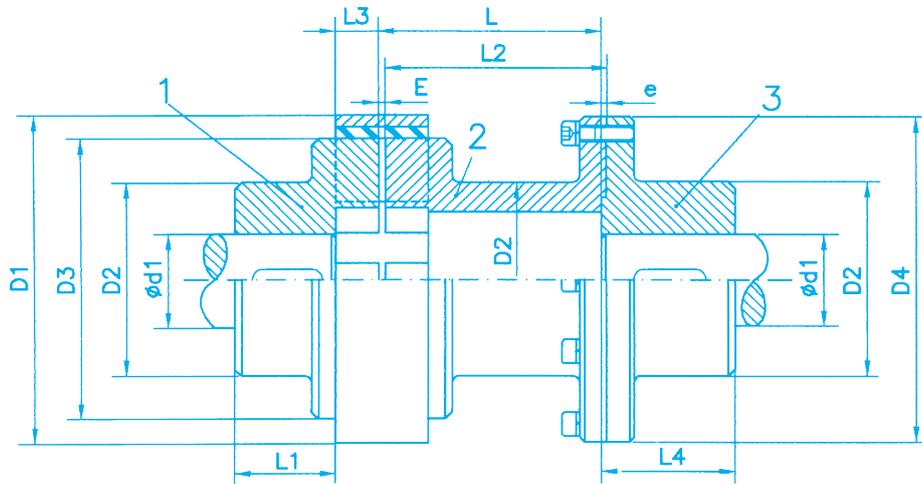
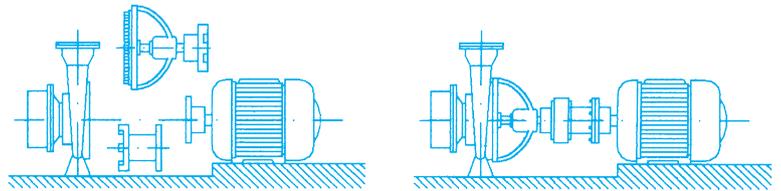
SAMIFLEX SPACER COUPLINGS



TYPE	NOMINAL TORQUE Nm	MAX. TORQUE Nm	MAX. SPEED R.P.M.	MAX. BORE d1 mm.	D5 mm.	D4 mm.	E mm.	e mm.	L1 mm.	L2 mm.	L* mm.
A4 DL	400	1.000	3.500	85	140	178	3,5	2,5	85	90,8 125,8 150,8	180 250 300
A45 DL	700	1.750	3.500	90	150	200	3,5	2,5	95	90,8 125,8 150,8	180 250 300
A5 DL	1.000	2.500	3.000	110	179	225	3,5	2,5	105	125,8 150,8	250 300
A55 DL	1.750	3.000	3.000	110	180	245	4	3	110	126 151	250 300
A6 DL	2.000	4.000	2.500	120	198	265	4	3	130	126 201	250 400
A7 DL	4.000	8.000	2.500	130	230	290	4	3	150	201 251	400 500

- MATERIAL (ITEMS 2+3): DUCTILE IRON GGG40.
- DYNAMIC BALANCING, GRADE 6.3 S/VDI 2060.
- STANDARD SIZES IN STOCK. - CONSULT FACTORY FOR SPECIAL SIZES.

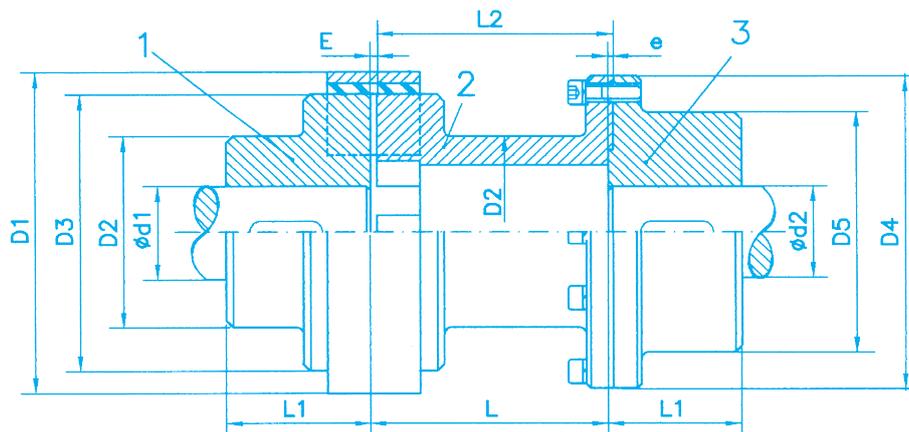
SAMIFLEX SPACER COUPLINGS



Type A

TYPE	NOMINAL TORQUE Nm	MAX. TORQUE Nm	MAX. BORE $d1$ mm.	MAX. SPEED R.P.M.	D1 mm.	D2 mm.	D3 mm.	D4 mm.	E mm.	e mm.	L1 mm.	L4 mm.	L3 mm.	L2 mm.	L mm.		
A1	50	90	38	5.500	83	65	65	100	3	2	34	37	10	L-1	100	120	140
A2	100	250	42	5.000	111	80	86	120	3	2	47	54	15	L-1	100	120	140
A3	200	500	50	4.500	144	85	116	140	3,5	2,5	56	60	20	L-1	100	120	140
A4	400	1.000	65	3.500	182	110	150	178	3,5	2,5	63	65	25	L-1	120	140	180
A45	700	1.750	75	3.100	202	125	170	200	3,5	2,5	70	75	27	L-1	120	140	180
A5	1.000	2.500	85	2.900	225	140	190	225	3,5	2,5	77	79	29	L-1	140	180	200
A55	1.500	3.000	95	2.600	250	155	215	245	4	3	90	95	31	L-1	140	180	200
A6	2.000	4.000	110	2.500	265	180	233	265	4	3	95	95	33	L-1	180	200	250
A7	4.000	8.000	130	2.200	306	205	267	290	4	3	116	120	37	L-1	200	250	280

PUMP
SIDE



MOTOR
SIDE

Type C

TYPE	NOMINAL TORQUE Nm	MAX. TORQUE Nm	MAX. BORE $d1$ mm.	MAX. BORE $d2$ mm.	MAX. SPEED R.P.M.	D1 mm.	D2 mm.	D3 mm.	D4 mm.	D5 mm.	E mm.	e mm.	L1 mm.	L2 mm.	L mm.			
A1C	50	90	28	42	5.500	83	65	65	100	67	3	2	45	L-1	100	120	140	
A2C	100	250	35	48	5.000	111	80	86	120	83	3	2	62	L-1	100	120	140	
A3C	200	500	42	65	4.500	144	85	116	140	107	3,5	2,5	76	L-1	100	120	140	180
A4C	400	1.000	55	85	3.500	182	110	150	178	140	3,5	2,5	88	L-1	100	120	140	180
A45C	700	1.750	65	90	3.100	202	125	170	200	150	3,5	2,5	97	L-1	100	120	140	180
A5C	1.000	2.500	75	110	2.900	225	140	190	225	179	3,5	2,5	106	L-1	140	180	200	250
A55C	1.500	3.000	75	110	2.600	250	155	215	245	180	4	3	121	L-1	140	180	200	250
A6C	2.000	4.000	90	120	2.500	265	180	233	265	198	4	3	128	L-1	180	200	250	280
A7C	4.000	8.000	110	130	2.200	306	205	267	290	230	4	3	153	L-1	180	200	250	280

REF. 1-2-3, MATERIAL: CAST IRON GG-25 / DUCTILE IRON GGG-40.