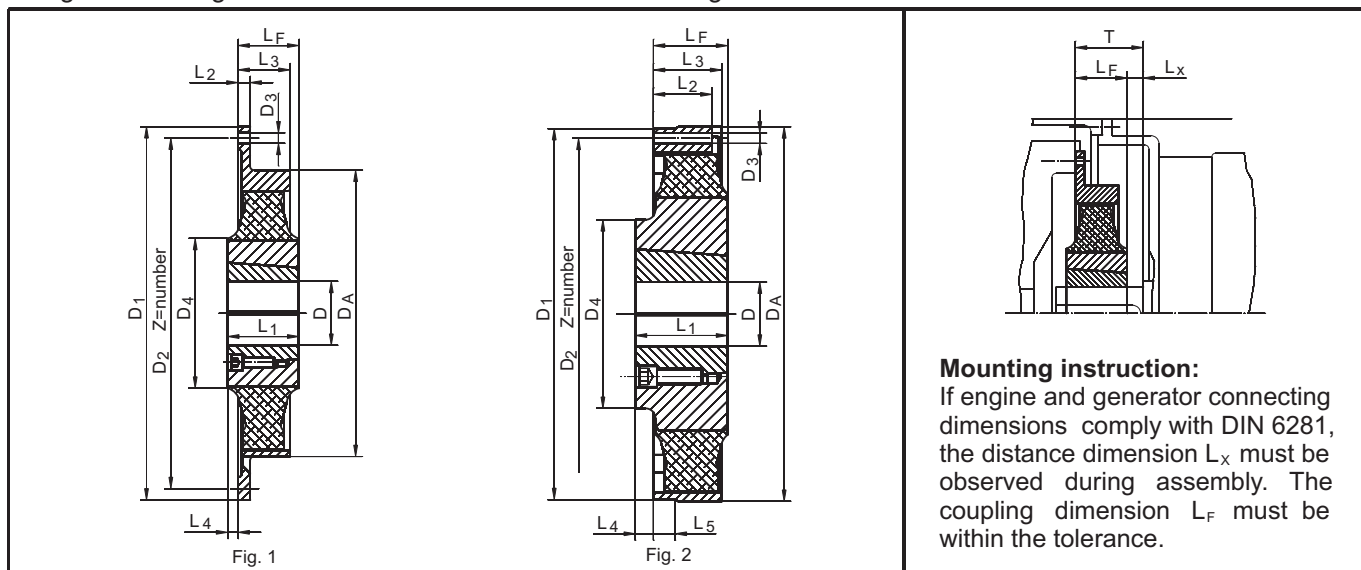


ARCUSAFLEX flywheel couplings

Type AC-T...F2 with taper bush

Flange connecting dimensions to SAE J 620 d and mounting dimensions to DIN 6281



Mounting instruction:
If engine and generator connecting dimensions comply with DIN 6281, the distance dimension L_x must be observed during assembly. The coupling dimension L_F must be within the tolerance.

ARCUSAFLEX coupling size	Fig.	Flange connection SAE J 620						Taper-bush No.	DIN 6281										J ₁ outside [kgm ²]	J ₂ inside [kgm ²]	Total weight [kg]
		SAE size	D ₁	D ₂	D ₃	Z	D _A		D ₄	L ₁	L ₂	L ₃	L ₄	L ₅	L _F	T	L _x				
AC-T 2,3.*)F2	-	6.5	215.9	200.0	8.5	6	2012	222	-	32	6	41	-	8	52±2	-	-	0.008	0.008	3.6	
	2	7.5	241.3	222.3	8.5	8	2012	222	-	32	33	33	-	8	43±3	-	-	0.008	0.008	3.5	
	1	8	263.5	244.5	10.5	6	2012	222	-	32	8	33	-	-	43±3	81.0	38	0.011	0.008	3.7	
	1	10	314.3	295.3	10.5	8	2012	222	-	32	8	33	-	-	43±3	73.0	40	0.020	0.008	4.2	
AC-T 2,6.*)F2	2	8	263.5	244.5	10.5	6	2517	263	150	45	33	38	3	10	42±4	81.0	41	0.011	0.019	5.9	
	1	10	314.3	295.3	10.5	8	2517	263	150	45	10	38	3	-	42±4	73.0	31	0.017	0.019	6.2	
	1	11.5	352.4	333.4	10.5	8	2517	263	150	45	10	38	3	-	42±4	58.6	16	0.024	0.019	6.5	
AC-T 3.*)F2	1	10	314.3	295.3	10.5	8	2517	290	150	64	16	52	6	-	58±7	73.0	14	0.026	0.026	8.5	
	1	11.5	352.4	333.4	10.5	8	2517	290	150	64	16	52	6	-	58±7	58.6	0	0.036	0.026	8.8	
AC-T 4.*)F2	2	10	314.3	295.3	10.5	8	3030	320	175	76	56	56	8	8	68±6	73.0	4	0.042	0.059	13.7	
	1	11.5	352.4	333.4	10.5	8	3030	320	175	76	16	60	8	-	68±6	106.6	39	0.062	0.059	14.1	
	1	14	466.7	438.2	13.0	8	3030	320	175	76	16	60	8	-	68±6	92.4	25	0.181	0.059	16.9	
AC-T 4,9.*)F2	1	11.5	352.4	333.4	10.5	8	3535	320	180	89	16	77	-	-	92±7	106.6	14	0.080	0.097	16.8	
	1	14	466.7	438.2	13.0	8	3535	320	180	89	16	77	-	-	92±7	92.4	0	0.125	0.097	17.9	
AC-T 5.*)F2	2	11.5	352.4	333.4	10.5	8	3535	354	210	89	54	65	13	20	76±5	106.6	30	0.065	0.131	21.0	
	1	14	466.7	438.2	13.0	8	3535	354	210	89	15	65	13	-	76±5	92.4	17	0.179	0.131	24.2	
AC-T 6.*)F2	1	14	466.7	438.2	13.0	8	4040	420	240	102	18	80	10	-	92±7	92.4	0	0.220	0.334	37.0	
	1	16	517.5	489.0	13.0	8	4040	420	240	102	18	80	10	-	92±7	82.7	0	0.320	0.334	37.5	
	1	18	571.5	542.9	17.0	6	4040	420	240	102	18	80	10	-	92±7	82.7	0	0.470	0.334	40.6	
AC-T 6,5.*)F2	1	14	466.7	438.2	13.0	8	4535	420	-	90	18	90	-	-	92±4	92.4	0	0.688	0.432	52.6	
AC-T 7.*)F2	2	14	466.7	438.2	13.0	8	4545	465	235	115	85	85	28	27	87±10	92.4	5	0.312	0.761	62.8	
	1	16	517.5	489.0	13.0	8	4545	465	235	115	27	85	28	-	87±10	82.7	0	0.411	0.761	64.2	
	1	18	571.5	542.9	17.0	6	4545	465	235	115	18	85	28	-	87±10	82.7	0	0.519	0.761	67.5	
AC-T 8.*)F2	1	18	571.5	542.9	17.0	12	5040	514	-	102	18	84	0	-	102±7	-	-	0.478	1.058	61.4	
	1	21	673.1	641.4	17.0	12	5040	514	-	102	18	84	0	-	102±7	-	-	0.948	1.058	66.2	
AC-T 9.*)F2	1	18	571.5	542.9	17.0	12	5040	560	-	102	35	92	0	-	102±4	-	-	0.846	1.605	80.5	
	1	21	673.1	641.4	17.0	12	5040	560	-	102	20	92	0	-	102±4	-	-	1.422	1.605	87.0	

*) For the element versions, see "Technical details"

Available taper bushes:

No.	Metric bores with keyway acc. to DIN 6885/1																		
2012	14	16	17	19	20	22	24	25	28	30	32	35	38	40	42	45	48		
2517	16	18	19	20	22	24	25	28	30	32	35	38	40	42	45	48	50	55	60
3030	25	28	30	32	35	38	40	42	45	48	50	55	60	65	70	75			
3535	35	38	40	42	45	48	50	55	60	65	70	75	80	85	90				
4040	40	42	45	48	50	55	60	65	70	75	80	85	90	95	100				
4535	55	60	65	70	75	80	85	90	95	100	105	110							
4545	55	60	65	70	75	80	85	90	95	100	105	110							
5040	70	75	80	85	90	95	100	105	110	115	120	125							

Taper bushes with imperial size bores can also be supplied.

Ordering example: Coupling designation: **AC-T4. NN. F2. 14. 3030. 65**
 ARCUSAFLEX coupling size _____
 Element version acc. to "Technical details" _____
 Size of flange connection to SAE J 620 _____
 Nominal size of taper bush _____
 Bore diameter _____