



Composite Coupling

For the Cooling Tower

 **JAC coupling**



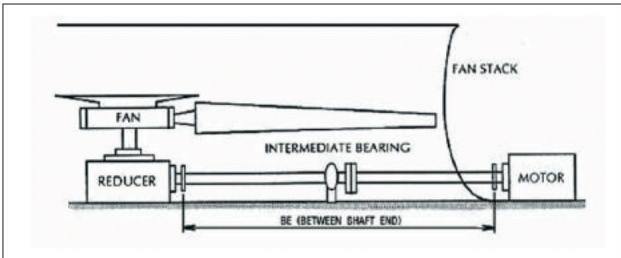


COMPOSITE COUPLING

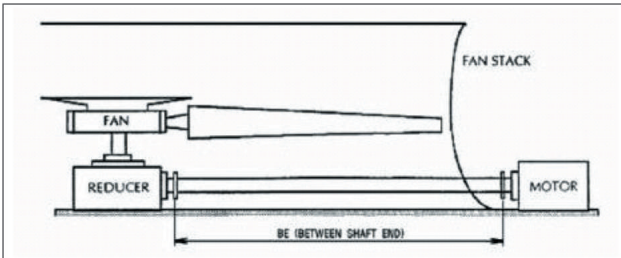
FEATURE

The composite coupling transterring the power installed between the motor and reducer of the cooling tower fan is as follows:

- 1. It weighs up to 80% lighter than general steel coupling because of composite material.
- 2. Therefore, this makes it easier to install and does not require a separate bearing device even though it is a long shaft.
- 3. Rotational characteristics are guaranteed through balancing tests according to ISO1940-1, 6.3 grade.

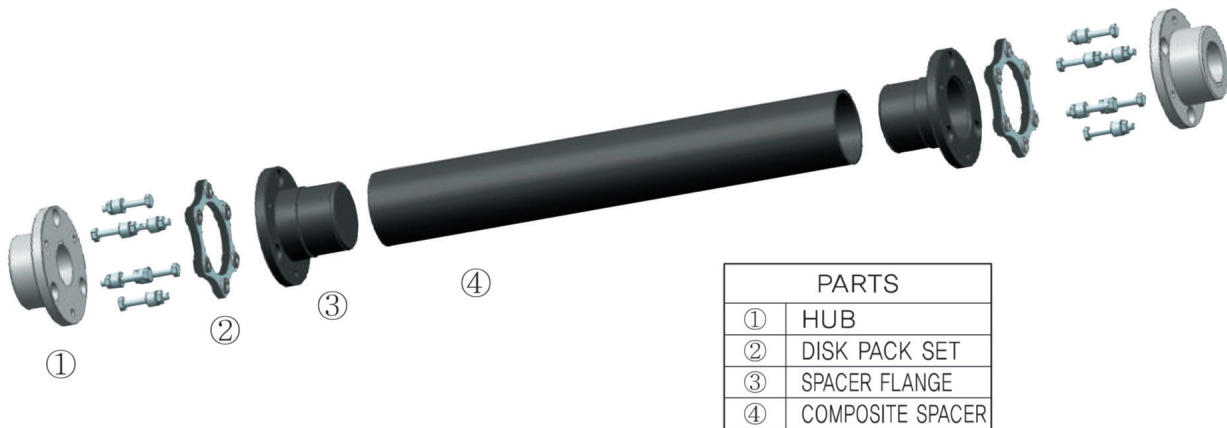


Steel material



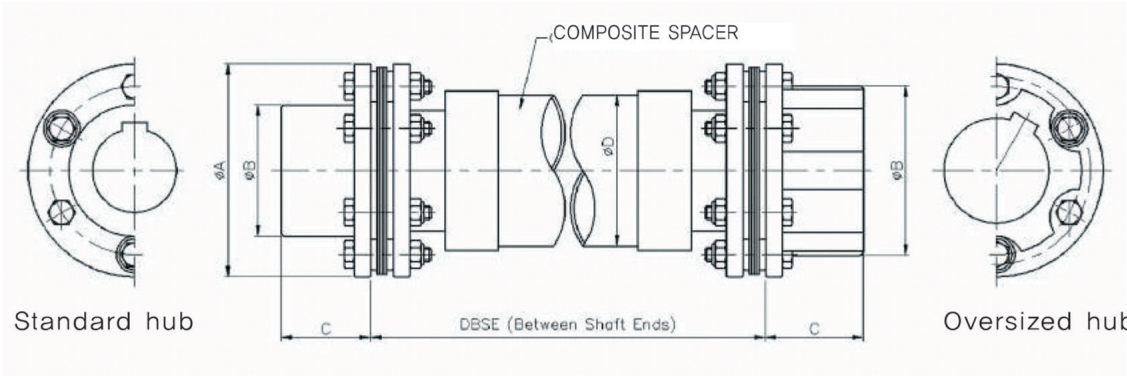
Composite material

STRUCTURE



PARTS	
①	HUB
②	DISK PACK SET
③	SPACER FLANGE
④	COMPOSITE SPACER

DIMENSION



Size	Continuous Torque		Peak Torque		Max.DBSE (mm)		Dimension(mm)							
							D	A	B		Max.Bore		C	
	Nm	kgf.m	Nm	kgf.m	@1780 rpm	@1480 rpm			N	U	N	U	N	U
JCT-133	820	83.7	1,229	125.4	2,500	2,500	70	133	80	102	55	65	45	57
JCT-152	1,243	126.8	1'864	190.2	3,000	3,000	86	152	94	121	70	85	64	70
					3,550	3,900	108							
					4,300	4,800	159							
JCT-171	2,045	208.7	3,067	312.9	3,550	3,900	108	171	108	133	80	100	65	70
					4,300	4,800	159							
					4,900	5,450	210							
JCT-229	4,090	417.3	6,135	626.0	4,300	4,800	159	229	147	191	105	130	64	64
					4,900	5,450	210							





Jac coupling

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