

WIND-TURBINE COUPLING

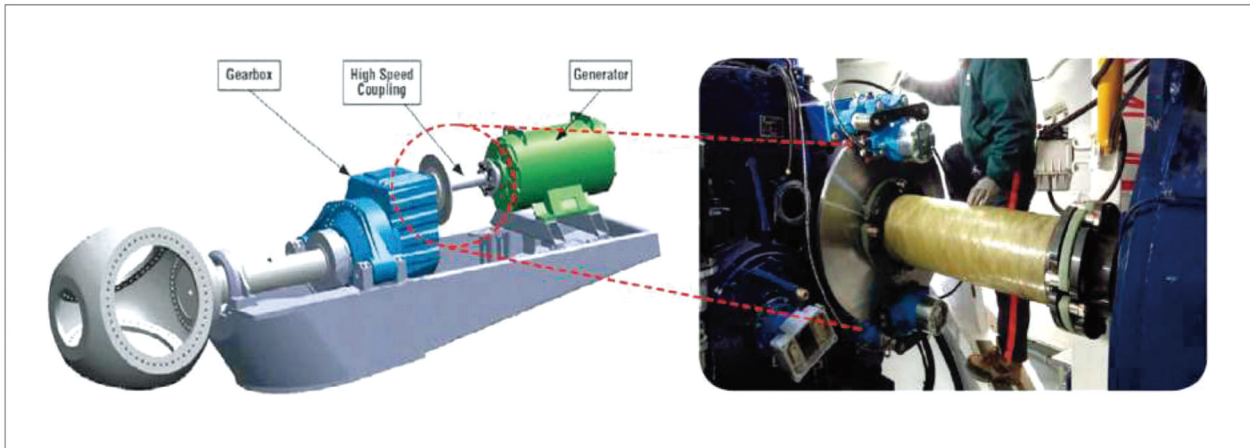


 **JAC coupling**

WIND TURBINE COUPLING

FEATURE

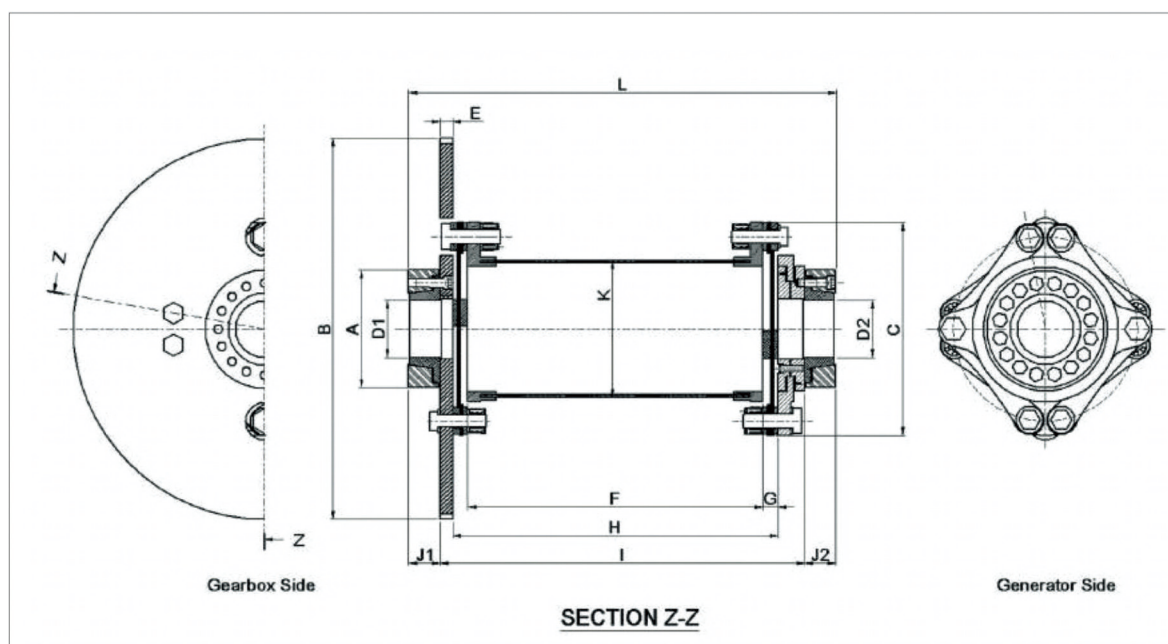
1. It is a key functional component of the wind generator powertrain, combined with the gearbox and generator, transfers the rotational power of the blades that are increased from the gearbox to the generator.
2. In case of overload, wind turbine coupling can block power transmission. Thus, it can prevent gear box and generator beforehand.
3. With the usage of composite materials(GFRP), JAC wind turbine coupling provides electrical isolation that nullifies current leakage from the generator to the gearbox, preventing damage to bearings and teeth.



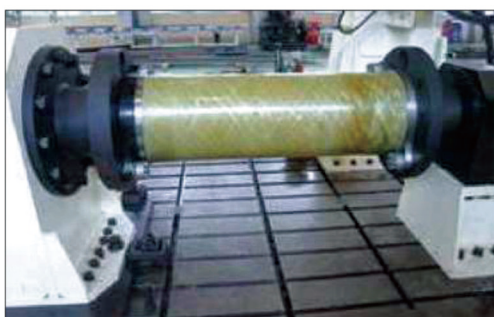
PERFORMANCE

Size	Torque		Speed		Misalignment		
	Rated (Nm)	Slip (Nm)	Rated (rpm)	Max. (rpm)	Axial (mm)	Angle (deg)	Radial (mm)
0.75MW	5,240	7,130~9,650	1,706	1,963.0	±15	2.0	15.0
1.5MW	8,300	12,000~18,000	1,810	2,100.0	±15	1.0	10.0
2MW	14,500	16,700~25,900	800~1,610	1,820.0	±6	1.0	10.0
3MW	21,000	30,000~35,000	1,466	1,980.0	±10	1.0	33.0
3.3MW	22,000	32,000~37,000	1,466	2,055.2	±10	1.0	33.0
4MW	35,500	46,300~62,700	1,200	1,343.0	±13	3.6	35.5
5.5MW	50,950	63,000~86,000	350~1,300	1,500.0	±10	1.0	25.0

DIMENSION



Size	Dimension(mm)											
	A	B	C	D ₁ D ₂	E	F	G	H	I	J ₁ /J ₂	K	L
JWP-0750	240	700	350	100 110	20	546	38	622	662	75.0	230.0	81.2
JWP-1500	255	860	444	130 120	35	550	48	646	711	70.0 75.0	256.5	856
JWP-2000	265	830	400	130 140	30	945	55	1,055	1,115	76.5	277.0	1,268
JWP-3000	320	1,000	531	150	30	1,145	58	1,261	1,321	83.0	354.0	1,487
JWP-3300	320	1,000	531	150	30	1,145	58	1,261	1,321	83.0	354.0	1,487
JWP-4000	285	860	615	160	30	587.1	55	697.1	757.1	73.5	355.6	904.1
JWP-5500	370	1,200	670	180	40	1,245	48	1,341	1,471	94.0	431.5	1,659





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