

PMSG For Small Wind Turbine & Hydro Power

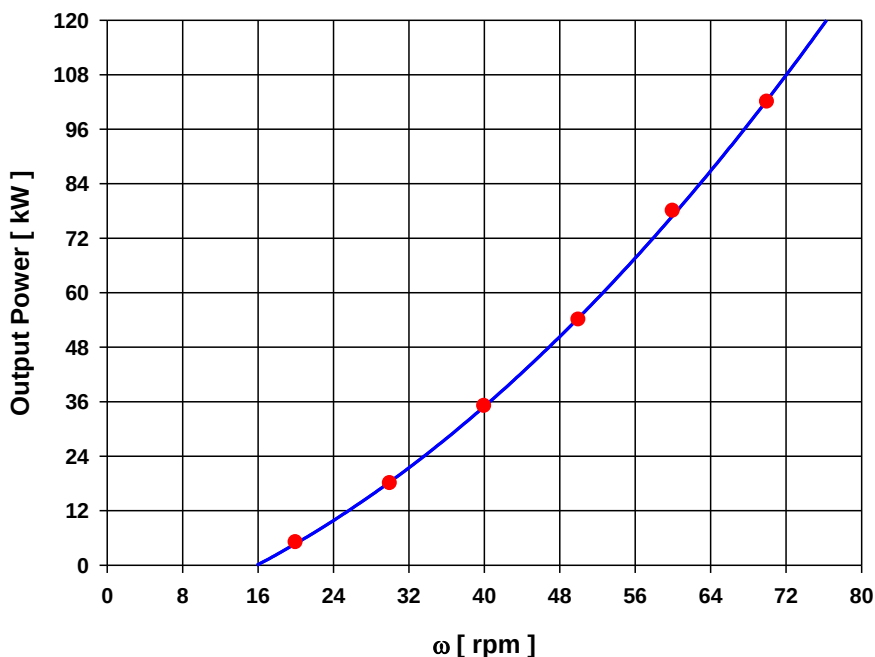
Skew, Low Cogging Torque, High Efficiency...

Model : SWE75K-60-I

	Symbol	units	
Output power	P _o	kW	75
Rated speed	ω	rpm	60
Output Voltage	E	V	3phase, 380(L-L)
Max. Efficiency	η	%	95
Rotor			Permanent magnet
Number of Pole	-	-	48
Speed Constant	K _E	Vdc/rpm	11.5
Resistance at 20 °C(Line-Line)	R _T	Ω	0.38
Inductance (Line-Line)	L	mH	12.5
Rotor Inertia	J	Kg-m ²	23.2
Maximum Temperature	C _{Max}	°C	150
Winding			Wye
Starting Torque		Nm	< 132
Shaft Play-Axial		mm	< 0.5
Gen. Weight	W _g	Kg	1,250

Note: Frame type, Al-Housing, Bearing- NSK or NTN

Power vs. rpm



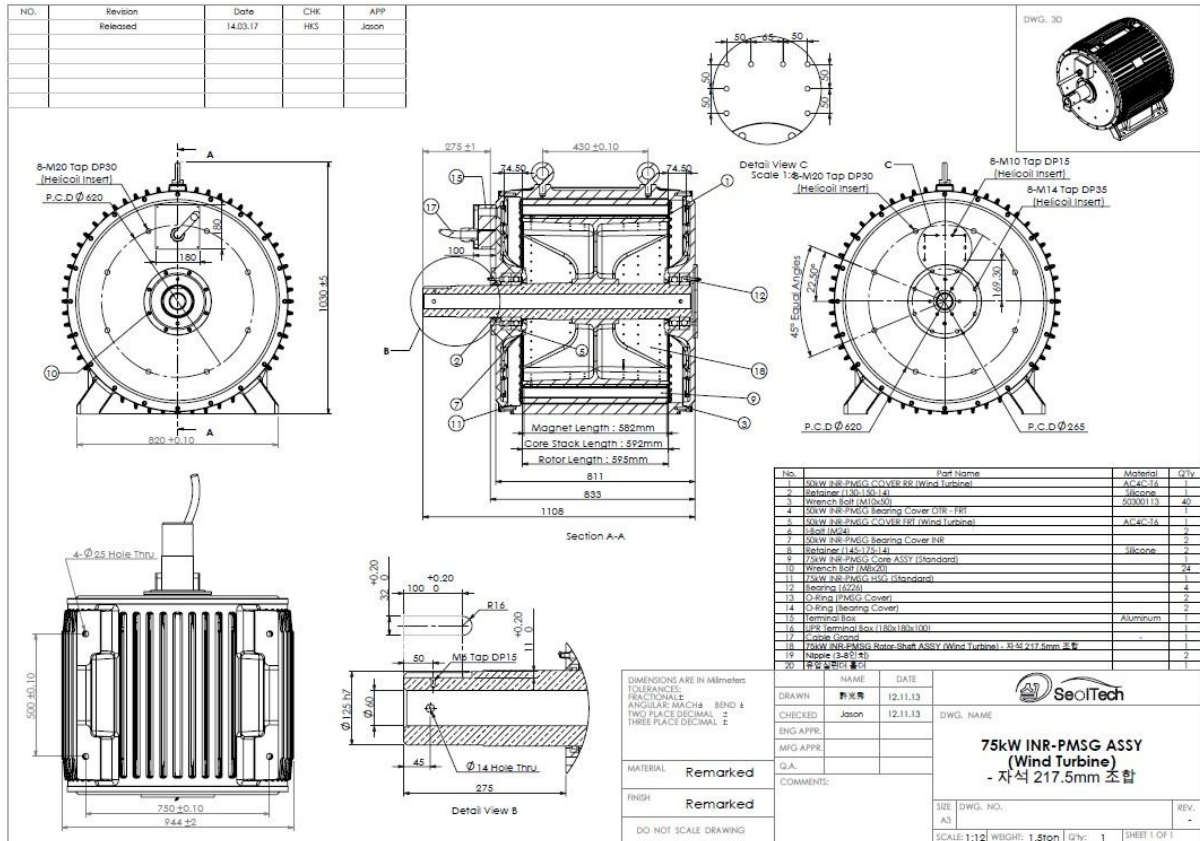
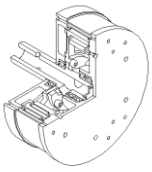
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Checklist Category-

1. Dimension and Tolerances
2. Output power, Voltage, Rpm
3. Insulation Resistance Examination
4. Starting Torque
5. Output wire 25SQ X 4
(red, white, black, green)



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