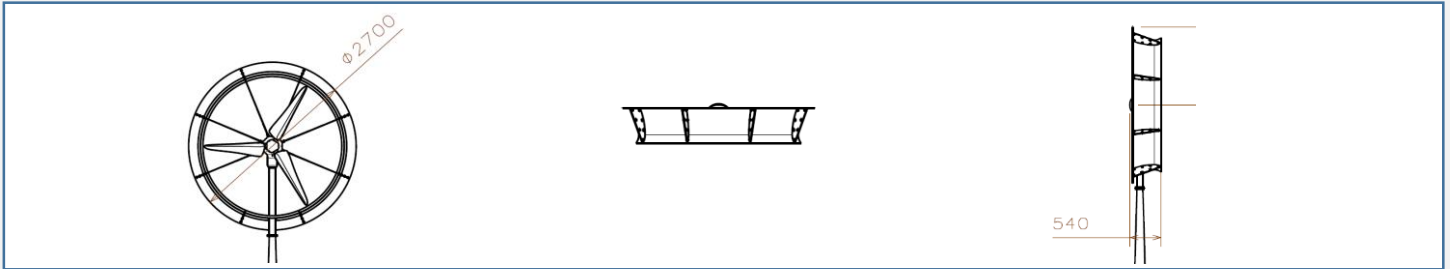


Shrouded Small Scale Wind Turbine



✓ Shroud Geometry

Wind flow is accelerated by 1.4 times to the rotor axis via **Shroud**. This concludes that **KARAYEL** is able to generate 3 times power compared to same diameter conventional wind turbines.

✓ Unique Design

KARAYEL is fully designed to fulfill customer's requirements in our company.

✓ No-Gearbox & Maintenance-free

KARAYEL uses direct-drive technology to reduce mechanical losses and become maintenance-free product.

✓ Reduced Noise Level

Shroud represses tip vortices which is the main cause for aerodynamic noise. Additionally, mechanical noise is reduced immensely due to direct-drive technology, no-gearbox design.

✓ Domestic Manufacturing

All **KARAYEL's** mechanical components are being manufactured domestically.

Demo Video



Scan ME



Street Lighting



Farm Houses



Parks