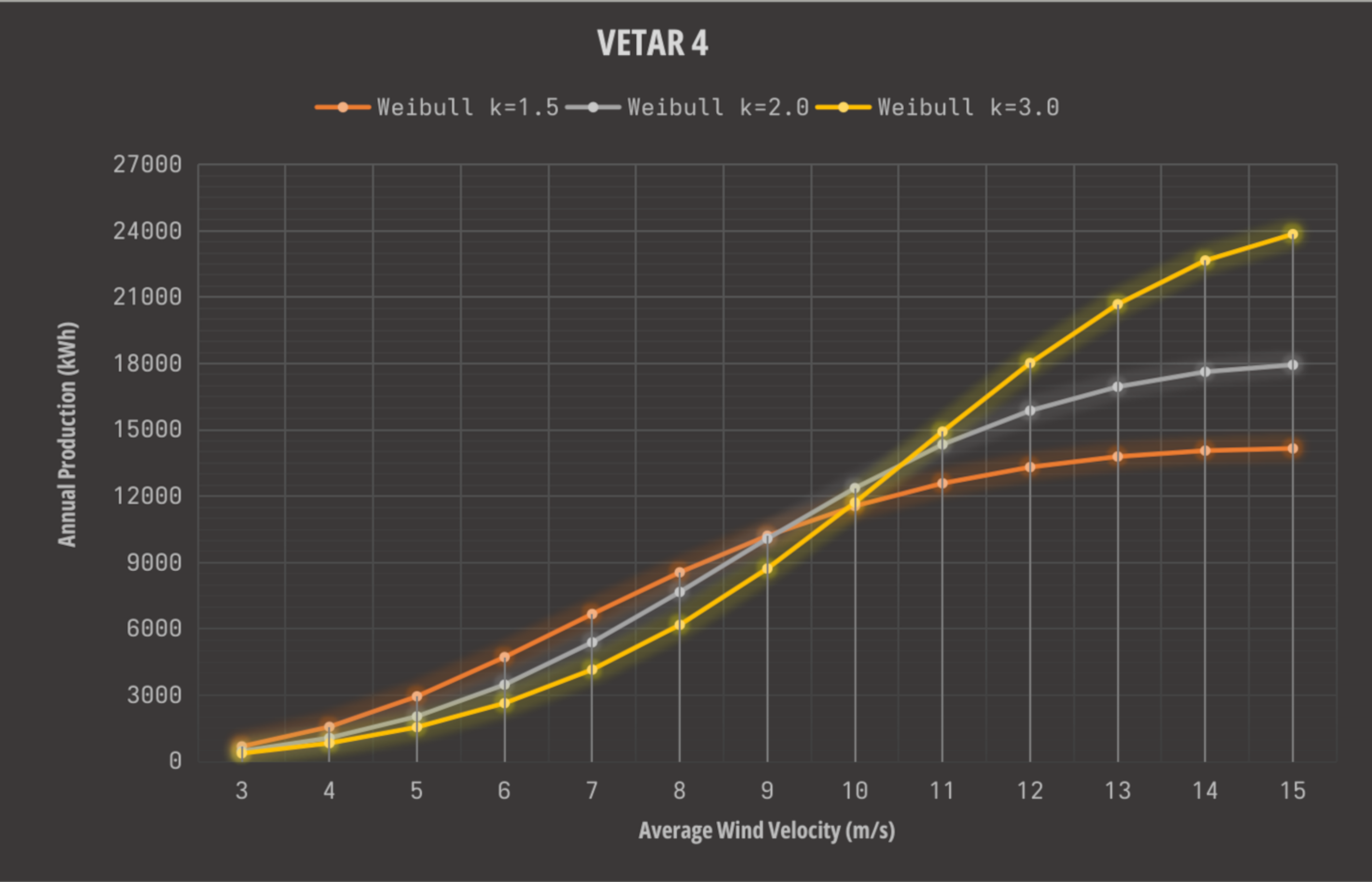




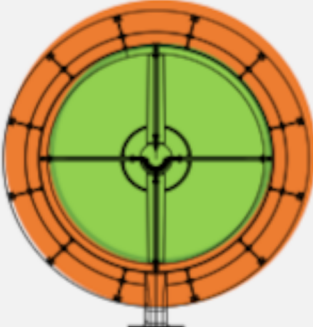
| VETAR 4                                            | Wind distribution pattern |                           |                           |
|----------------------------------------------------|---------------------------|---------------------------|---------------------------|
| Rated 1.3 kW at: 11m/s<br>Max power 5kW at: 18 m/s | <div></div> Weibull k=1.5 | <div></div> Weibull k=2.0 | <div></div> Weibull k=3.0 |
| Average Wind Velocity (m/s)                        | Annual Power (kWh)        | Annual Power (kWh)        | Annual Power (kWh)        |
| 3                                                  | 687                       | 476                       | 375                       |
| 4                                                  | 1573                      | 1073                      | 834                       |
| 5                                                  | 2949                      | 2044                      | 1560                      |
| 6                                                  | 4726                      | 3479                      | 2643                      |
| 7                                                  | 6675                      | 5393                      | 4161                      |
| 8                                                  | 8559                      | 7670                      | 6183                      |
| 9                                                  | 10213                     | 10082                     | 8730                      |
| 10                                                 | 11559                     | 12369                     | 11718                     |
| 11                                                 | 12585                     | 14344                     | 14922                     |
| 12                                                 | 13316                     | 15871                     | 18022                     |
| 13                                                 | 13793                     | 16951                     | 20684                     |
| 14                                                 | 14061                     | 17627                     | 22660                     |
| 15                                                 | 14162                     | 17940                     | 23851                     |

## VETAR 4

ROTOR Diameter = 1,43 m

SWEPT Area = 1,61 m2

TURBINE Diameter = 2,10 m



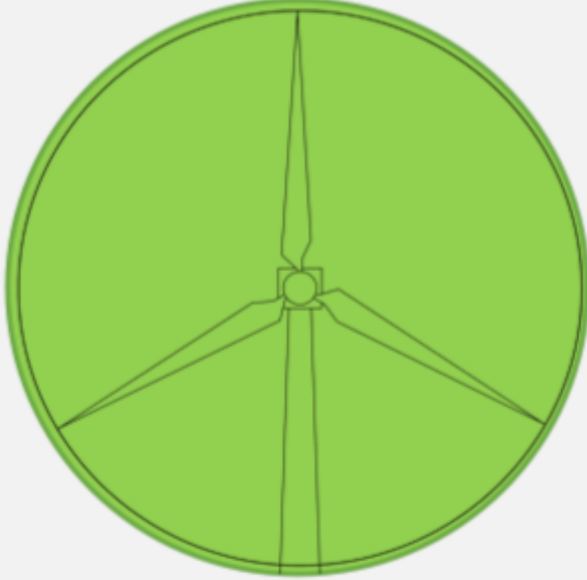
NO VIBRATIONS, SILENT, SAFE

## Corespondent HAWT

ROTOR Diameter = 3,79 m

SWEPT Area = 11,27 m2

TURBINE Diameter = 3,79 m



VIBRATIONS, NOISY, NOT SAFE