

# WKA E 40

Quality products with long years experience, long life time and high reliability.

## Parts of turbine:

- wind turbine (gondola)
- inverter / controller
- steel pipe (mast)

## Electrical output:

- 40 kVA

## Application:

- grid connected

## Technical parameter:

<b>generator type:</b>	asynchron
<b>rated power:</b>	37 kW, (max. 45 kW)
<b>rotation:</b>	1600 r.p.m
<b>voltage:</b>	3 x 400V
<b>brake unit:</b>	electromagnetic disk brake
<b>gear:</b>	planetary 1:15
<b>rotor control:</b>	R.P.M counter
<b>rotor rotation:</b>	max 100 r.p.m
<b>rotor diameter:</b>	10,2 m
<b>number of blades:</b>	3
<b>material:</b>	glass fibre
<b>noise level:</b>	approx. 45 dB
<b>yawing:</b>	electr. servomotor
<b>gondola base plate:</b>	steel, welded, fire galvanized with laminate cover
<b>run-up speed:</b>	3,5 m/s
<b>rated speed:</b>	12 m/s
<b>maximal speed:</b>	20 m/s
<b>outlive speed:</b>	50 m/s
<b>utilization period:</b>	approx. 20 years
<b>weight:</b>	gondola 900 kg steel pipe galvanized 18 m (ca. 3200 kg)
<b>guarantee:</b>	5 years, 2 years of electronic part

