



high speed shaft
 $P = 2240 \text{ kW}$

-nominell speed
(teeth contact)

$n = 30.032 \text{ rpm}$
 $\Omega = 118 \text{ m/s}$

-maximum speed
(teeth contact)

$n = 34.537 \text{ rpm}$
 $\Omega = 122 \text{ m/s}$



high speed shaft
 $P = 5000 \text{ kW}$

-nominell speed
(teeth contact)

$n = 11.007 \text{ rpm}$
 $\Omega = 122 \text{ m/s}$

-maximum speed
(teeth contact)

$n = 13.208 \text{ rpm}$
 $\Omega = 147 \text{ m/s}$