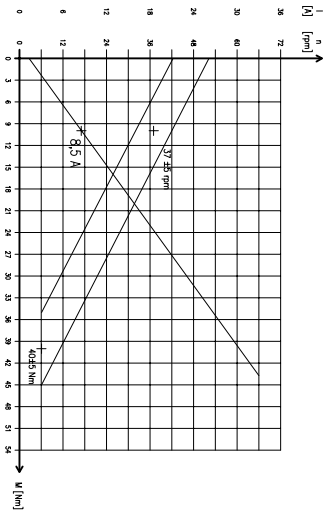


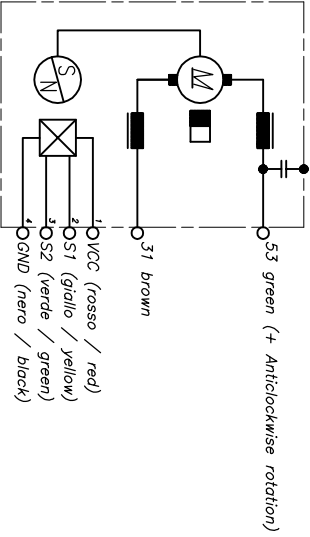
Performance data measured in cold condition:

Nominal voltage  
 Test voltage  
 Test temperature

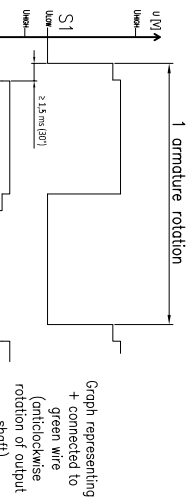
U<sub>N</sub>: 12 V  
 U<sub>T</sub>: 12 V  
 T<sub>p</sub>: 23 ± 5 °C



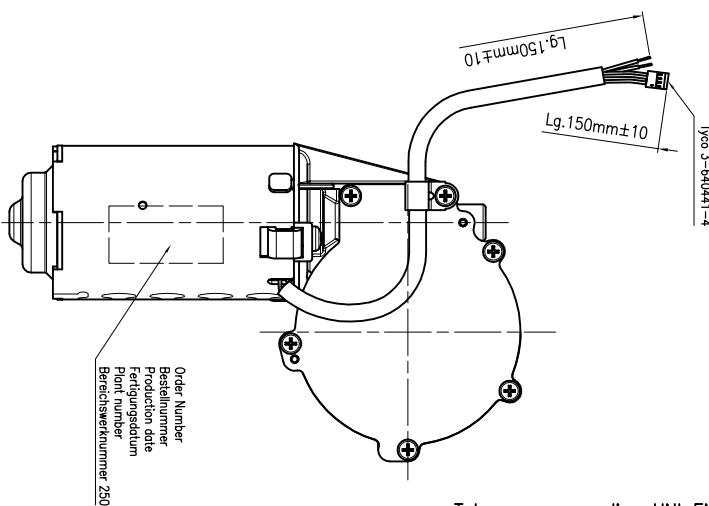
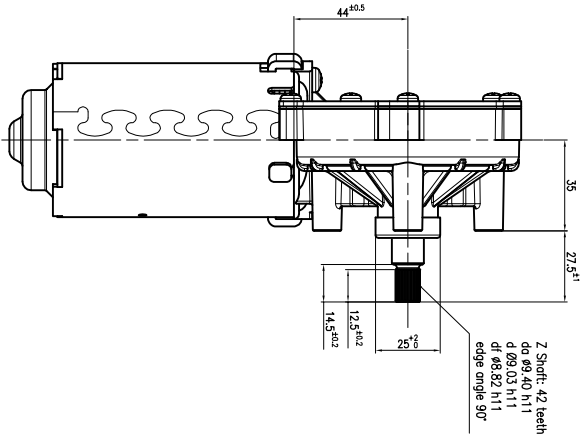
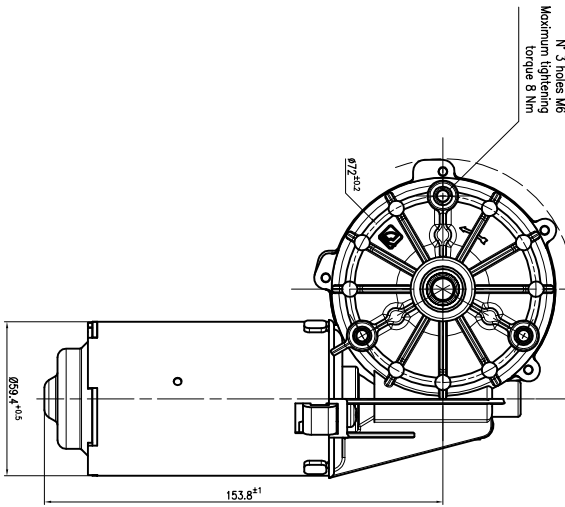
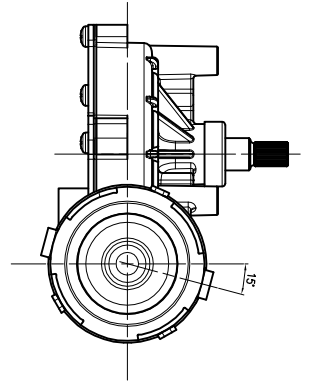
Circuit diagram:



Hall Sensor signals:  
 For each armature rotation will be generated one square curve, made of two signals (S1 & S2) delayed of 30°.

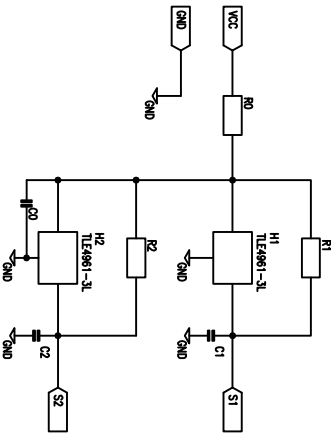


Gear ratio: 108:2



Tolerances according UNI EN 22768/1 where not specified

Hall Sensor circuit diagram:



IC Characteristics:

Bipolar Hall effect latch

Supply voltage  
 Recommended supply voltage  
 Supply current  
 Sensitivity  
 Operating temperature  
 Saturation voltage (I<sub>S</sub>=20mA)  
 Output current (output ON)  
 Leakage current

3.0 ≤ VCC ≤ 32 V  
 12 V  
 I<sub>S</sub> = 1.6 mA  
 B<sub>OP</sub> = +7.5mT B<sub>OFF</sub> = -7.5mT  
 -40°C to +170°C  
 U<sub>CE</sub> ≤ 500 mV (typical 200mV)  
 I<sub>S</sub> ≤ 25 mA  
 I<sub>L</sub> ≤ 10 μA

Order Number  
 Bestellnummer  
 Production date  
 Fertigungsdatum  
 Plant number  
 Bereichsnummer 250

01	Standard	Standard	Standard	Standard	Standard
02	Modified	Modified	Modified	Modified	Modified
03	Special	Special	Special	Special	Special
04	Prototype	Prototype	Prototype	Prototype	Prototype
05	Obsolete	Obsolete	Obsolete	Obsolete	Obsolete

01	Standard	Standard	Standard	Standard	Standard
02	Modified	Modified	Modified	Modified	Modified
03	Special	Special	Special	Special	Special
04	Prototype	Prototype	Prototype	Prototype	Prototype
05	Obsolete	Obsolete	Obsolete	Obsolete	Obsolete