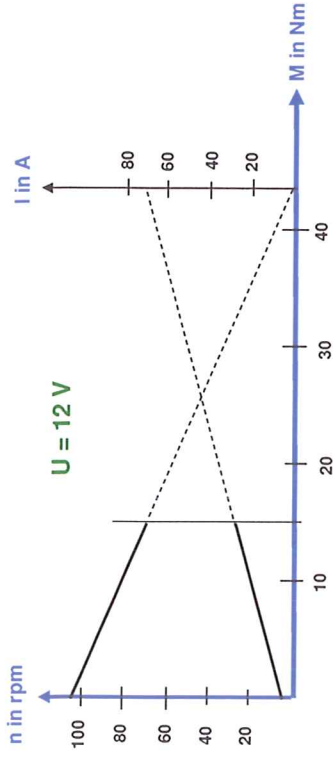


gear motor 1.61.113



Bühler
Motor



performance:

operating voltage 12 V
 operating voltage range 9 - 16 V
 no load speed @ 12 V 102 rpm
 no load current @ 12V < 2 A
 maximum continuous torque @ 12 V 15,5 Nm
 nominal speed @ 12 V 67 rpm
 nominal current @ 12 V 26 A

sensor: incremental sensor for speed and direction

20 pulses per motor revolution

supply voltage: min 5,5 V

max 10 V

direction and pulse output: open collector

PTC temperature sensor:

KTY 13-6

electrical interface:

connector pin assignment

- Pin 1 motor +
- Pin 2 sensor GND
- Pin 3 sensor VCC
- Pin 4 open
- Pin 5 sensor IMP
- Pin 6 sensor DIR
- Pin 7 temperature sensor
- Pin 8 motor -

mechanical interface:

drive pinion

number of teeth: 15
 module: 1,9

mating connector: Hirschmann HI -Nr. 872-988-501



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Motor

Bühler Motor GmbH, 90459 Nürnberg

