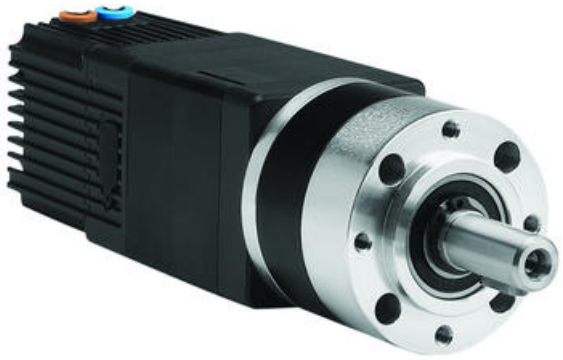
CROUZET - BLDC PLANETARY GEARED MOTOR WITH INTEGRATED TNI21 DRIVE

801495XX TNI21
Planetary 52mm gearmotor 77W 12→32Vdc
13→593rpm 25Nm max

- 12→32 V dc, 52→81 mmØ, 25→120 Nm, 11→775 rpm
- Speed & torque control. Easy use
- Reduce control panel space & cabling
- Long life (>20,000 hours)
- IP65 as standard



PRODUCT DESCRIPTION

The TNi21 integrated drive is ideal for applications where speed and torque control is required.
The long lifetime of the brushless motor (>20,000 hours with rated load) means it is ideal for continuous or long duty applications.
Having the drive integrated into the motor can also save control panel space, reduce cabling and save set-up time.
3 motor sizes available with the same diameter (57mm x 57mm), with increasing motor lengths for more power/torque.
Planetary & worm gearbox options available for reducing the speed & increasing the output torque.
Pre-set I/O mean that the motor can be used immediately without any complex preliminary set-up. It can be controlled via basic switches or by external PLC.
Motor power and logic connections are via cable output or connector options.
The motors are rated to IP65 dust/water protection class as standard.
Options for adapation to the standard motor include adding an encoder, holding brake, special output shaft, special connectors, upgraded IP protection & special firmware developed according to your specific application requirements.

* Product datasheets & 3D drawing for 0-10Vdc, cable version attached as an example. Further information for PWM version, brake options & connector version available upon request.
Full documentation & user manuals also available upon request.

TECHNICAL DATA

Diameter	52 mm
Integrated control	TNi21
IP class	IP65
Life span	20,000h
Max. torque	25 Nm
Number of pulses per revolution	12
Positioning feedback	Yes
Power	77 W
Ratio	i=6,75→308:1
Shaft diameter	12 mm

Speed options	13rpm→593rpm
Supply voltage	12 V DC, 24 V DC
Type of gearbox	Planetary 1→3 stages