

## ROTEK - ROMOTION MOTOR

ROMOTION 44.2  
24V BLDC with integrated drive, 80W, 0.25Nm,  
3100rpm

- 24-48Vdc with integrated drive
- 65mm Ø
- 80→200W output power
- 400→4000rpm
- 0-10v inputs for control



### PRODUCT DESCRIPTION

COMPACT MOTORS FOR DEMANDING APPLICATIONS  
ROMOTION - Intelligent and networked

With more power, integrated bus systems and STO (Safe Torque Off) – the new ROMOTION BLDC drives deliver energy efficiency, performance-to-size ratios and multiple connectivity capabilities.

The heart of it all are the powerful three-phase synchronous motors from ROTEK's modular system.

The integrated control electronics with SmartDrive Technology allows for sensorless commutation or operation with Hall sensors.

And with us, individual solutions, simple integration and comprehensive functionality are a matter of course

### TECHNICAL DATA

<b>Insulation class</b>	F
<b>IP class</b>	IP40
<b>Length</b>	134 mm
<b>Max current</b>	10 A
<b>Max. torque</b>	0,5

<b>Motor with gear</b>	No
<b>Nominal current</b>	5,3 A
<b>Nominal speed</b>	3100 rpm
<b>Nominal torque</b>	0,25
<b>Output</b>	80 W
<b>Supply voltage</b>	24 V DC
<b>Weight</b>	1,3 kg