

RDrive 50

PERFORMANCE DATA

Rated Power:	65	W
Rated rotation speed	55	rpm
Supply Voltage	48	V
RMS Current	1,16	A
Operating temperature:	-10 ...+35	°C
Rated Torque:	11	Nm
Peak Torque:	28	Nm
RMS Peak Current	4,5	A

MECHANICAL DATA

Gearmotor Inertia	0,022	kgcm ²
Static Friction:	0,05	Nm
Weight :	0,6	kg
IP Rating:	IP21	

GEARHEAD DATA

Gearhead Type:	Harmonic	
Gearhead Ratio:	100	
Gearhead Backlash:	0,3	arcmin

DIMENSIONS

Length (L):	85	mm
Max Diameter (D):	53	mm
Hollow Shaft Diameter (d):	9	mm

Interface	CANopen
API	C/C++/Java/Python

20/11, Olshevskogo str., Suite 22

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RDrive 60

PERFORMANCE DATA

Rated Power	225	W
Rated rotation speed	55	rpm
Supply Voltage	48	V
RMS Current	3,1	A
Operating temperature:	0 ...+35	°C
Rated Torque:	39	Nm
Peak Torque:	54	Nm
RMS Peak Current	5,6	A

MECHANICAL DATA

Gearmotor Inertia	0,05	kgcm ²
Static Friction:	0,05	Nm
Weight :	0,9	kg
IP Rating:	IP 21	

GEARHEAD DATA

Gearhead Type:	Harmonic	
Gearhead Ratio:	100	
Gearhead Backlash:	0,3	arcmin

DIMENSIONS

Length (L):	89	mm
Max Diameter (D):	63	mm
Hollow Shaft Diameter (d):	11	mm

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RDrive 70

PERFORMANCE DATA

Rated Power	155	W
Rated rotation speed	30	rpm
Supply Voltage	48	V
RMS Current	5	A
Operating temperature	0 ...+35	°C
Rated Torque	49	Nm
Peak Torque	82	Nm
RMS Peak Current	9	A

MECHANICAL DATA

Weight :	1,3	kg
IP Rating:	IP 21	

GEARHEAD DATA

Gearhead Type:	Harmonic	
Gearhead Ratio:	100	
Gearhead Backlash:	0,3	arcmin

DIMENSIONS

Length (L):	105	mm
Max Diameter (D):	73	mm
Hollow Shaft Diameter (d):	13	mm

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RDrive 85

PERFORMANCE DATA

Rated Power	450	W
Rated rotation speed	40	rpm
Supply Voltage	48	V
RMS Current	8,8	A
Operating temperature	0 ...+35	°C
Rated Torque	108	Nm
Peak Torque	157	Nm
RMS Peak Current	26	A

MECHANICAL DATA

Gearmotor Inertia	0,32	kgcm ²
Static Friction:	0,05	Nm
Weight :	2,1	kg
IP Rating:	IP 21	

GEARHEAD DATA

Gearhead Type:	Harmonic	
Gearhead Ratio:	100	
Gearhead Backlash:	0,3	arcmin

DIMENSIONS

Length (L):	112	mm
Max Diameter (D):	88	mm
Hollow Shaft Diameter (d):	13	mm

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RDrive 110

PERFORMANCE DATA

Rated Power	680	W
Rated rotation speed	40	rpm
Supply Voltage	48	V
RMS Current	9	A
Operating temperature	0 ...+35	°C
Rated Torque	216	Nm
Peak Torque	333	Nm
RMS Peak Current	18	A

MECHANICAL DATA

Weight :	3,9	kg
IP Rating:	IP 21	

GEARHEAD DATA

Gearhead Type:	Harmonic	
Gearhead Ratio:	100	
Gearhead Backlash:	0,3	arcmin

DIMENSIONS

Length (L), incl. brake:	150	mm
Max Diameter (D):	115	mm
Hollow Shaft Diameter (d):	17	mm

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