

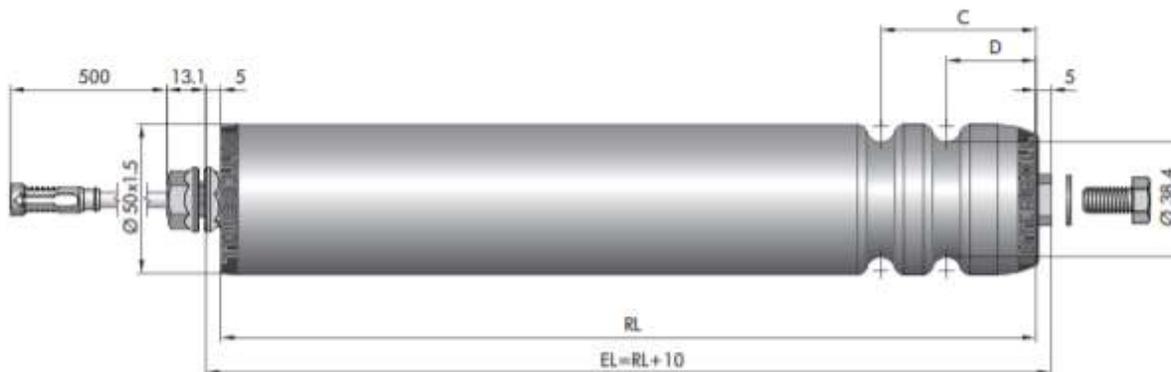
Interroll Series EC5000 ROLLERDRIVE

Article code: RD-51DF-20C0000-R02-000

50x1.5 mm dia zinc plated, double grooved (40/70 mm from RL), male thread M12 cable end, female thread M8 idler end

RATIO : 42:1

SPEED: 0.4 M/S



50 dia, 2 GR (40/70), RL=EL-10

Dimensions/Codes

RS REF	ITRL REF	Roller Length (mm)	Inside Frame (EL) Width (mm)
215-4794	RD-51DF-20C0000-R02-RL304	304	314
215-4795	RD-51DF-20C0000-R02-RL454	454	464
215-4796	RD-51DF-20C0000-R02-RL604	604	614

Technical Data

Rated voltage	24 V
Power	35 W

Rated current	2.4 A
Starting current	5.5 A
Max. noise emission (mounted)	55 dB(A), application-dependent
Length of motor cable Ambient temperature in operation	500 mm 0 to +40 °C
Motor shaft	Stainless steel, 11 mm HEX, thread M12 x 1
Anti-static version	Yes ($< 10^6 \Omega$)
Tube wall thickness	\varnothing 50 mm: 1.5 mm
Tube material	Zinc-plated steel,
Maximum load capacity	Length of RollerDrive \leq 1000 Maximum load capacity per RollerDrive without drive head 1100 N
Design version	Before the run-in, the values may differ up to $\pm 20\%$. After a run-in phase, the values vary only in the range of $\pm 10\%$ for 95 % of all RollerDrive used. Gear ratio 42:1 Maximum conveying speed m/s 0.43 Minimum conveying speed m/s 0.02 Rated torque Nm 2.07 Acceleration torque Nm 5.18 Continuous blocking torque Nm 5.18

To be used with DriveControl 20

Links

More information on the EC500 rollerdrive can be found by visiting the Interroll web site
<https://www.interroll.fr/en/products-and-services/drives-and-controls/rollerdrive/>