



Ural

TUBULAR MOTORS

SERIES 59

Ø59 mm tubular motor with mechanical limit switch, and with limit switch and emergency operation.

URAL-C Ø59

Mechanical limit switch, easy to adjust and reliable over time.

Compact head for easier installation.

2.3 metres of cable connected to the motor.

URAL-CM Ø59

Mechanical limit switch, easy to adjust and reliable over time.

Emergency override mechanism to manually operate the shutter in the event of electrical outage.

2.3 metres of cable connected to the motor.

SERIES 92

Ø92 mm tubular motor with mechanical limit switch and emergency override mechanism.

URAL-CM Ø92

Mechanical limit switch, easy to adjust and reliable over time.

Emergency override mechanism to manually operate the shutter in the event of electrical outage.

2.3 metres of cable connected to the motor.



TECHNICAL DATA

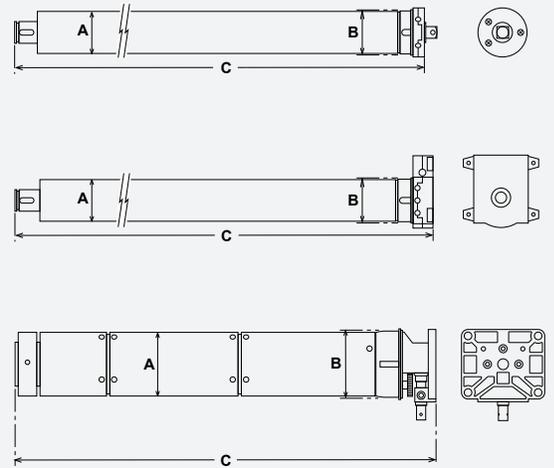
	URAL-C Ø59		URAL-C Ø92	
	URC59120	URCM59120	URCM92180	URCM92300
Maximum load* (kg)	180 *		282 **	441**
Torque (Nm)	120		180	300
Speed (rpm)	12		12	8
Power supply (Vac - Hz)	230/50		230/50	
Maximum electrical power (W)	450		626	880
Absorbed current (A)	2		2.8	3.8
Maximum oper. time (min)	4		4	
Limit switch turns (n.)	32	26	13	
Length - L - (mm)	665	675	630	
Protection rating (IP)	IP44		IP44	

* Value calculated with 70 mm octagonal roller

** Value calculated with 101.6x3.6 round roller



DIMENSIONS



	URAL-C Ø59	URAL-CM Ø59	URAL-CM Ø92	
	120 Nm	120 Nm	180 Nm	300 Nm
A	59	59	92	
B	60	60	94	
C	665	675	630	

POWER CABLE



Cable length

	URAL Ø59	URAL Ø92
Cable length	2.3 m	2.3 m
Cross-section	4x0.75mm ²	4x1mm ²

ACCESSORIES

URAL Ø59

* URAL motors include 70mm octagonal adaptation (AURO70) and motor bracket

(AUR01 for URAL-C and AUR02 for URAL-CM)

* URAL-CM operators include rigid eyebolt (ASN06)

TUBE			ANIM01
OCT. 70	Ø 80x1,5/2	Ø 101,6x3,6	
WHEEL			Handcrank (L: 1.8 m)
AUR070 (included in the motor)	AURR80	AURR100	
AUR01	AUR02	ASN06	ASN07
Motor bracket URAL-C Ø59 (included in the motor)	Motor bracket URAL-CM Ø59 (included in the motor)	Short hexagonal rigid eyebolt 7 (included in SENA-CM Ø45 and URAL-CM Ø59 motors)	90° universal eyebolt

URAL Ø92

* URAL-CM motors include Ø101.6x3.6mm round adaptation (AURR10092) and rigid eyebolt (AUR04)

* The baseplate (AUR03) is an optional accessory.

TUBE		
Ø 101,6x3,6	Ø 133x4	Ø 159x4,5
ADAPTATIONS		
AURR10092 (included in the motor)	AURR133	AURR159
AUR03	ANIM01	AUR04
Motor bracket URAL Series 92	Handcrank (L: 1.8 m)	Short rigid eyebolt (included in URAL-CM Series 92 motors)

COMMAND ELECTRONICS

WISE01	CLEVER01
Analogue 230V with 24Vdc output	Analogue 230V with 24Vac output and automatic closing