

“R20 style Roger Technology conceived with logic”



STURDY ELECTRO-MECHANICAL SYSTEM

Electro-mechanical reduction gear available in 4 versions, for hinged gates up to 5 metres wide at the most. The main frame is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.

RANGE R20 VERSIONS

R20/300	230V • irreversible • short fast 1 micro
R20/302	230V • irreversible • short slow 1 micro
R20/500	230V • irreversible • long fast 1 micro
R20/502	230V • irreversible • long slow 1 micro



INCLINED MOTOR

The inclined motor ensures an excellent very high efficiency mechanical arrangement using just one gear.



SELF-SUPPORTING TRESTLE

The aluminium section is connected to the motor housing by means of three stay bolts in a trestle arrangement thereby guaranteeing a solid, compact structure.



FORCEFULLY SLOW

The worm screw is made from a single steel rod. The lack of joints ensures high rigidity and total transmission of force.



BRONZE “STEEL IS MY FAVOURITE”

The lead screw has the hardest task of all the parts, that of transmitting the energy of the motor to the gate. Made in bronze and couple to the low-speed screw. It efficiently accomplishes its task.



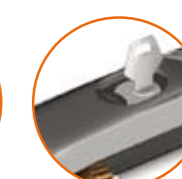
CONVENIENT LIMIT SWITCH

The limit switch is housed directly in the aluminium section and protected by a removable cover. It is easy to adjust even with the actuator mounted.



STURDY AND RELIABLE

The load-bearing structure and the bearing housings are made in die-cast aluminium.

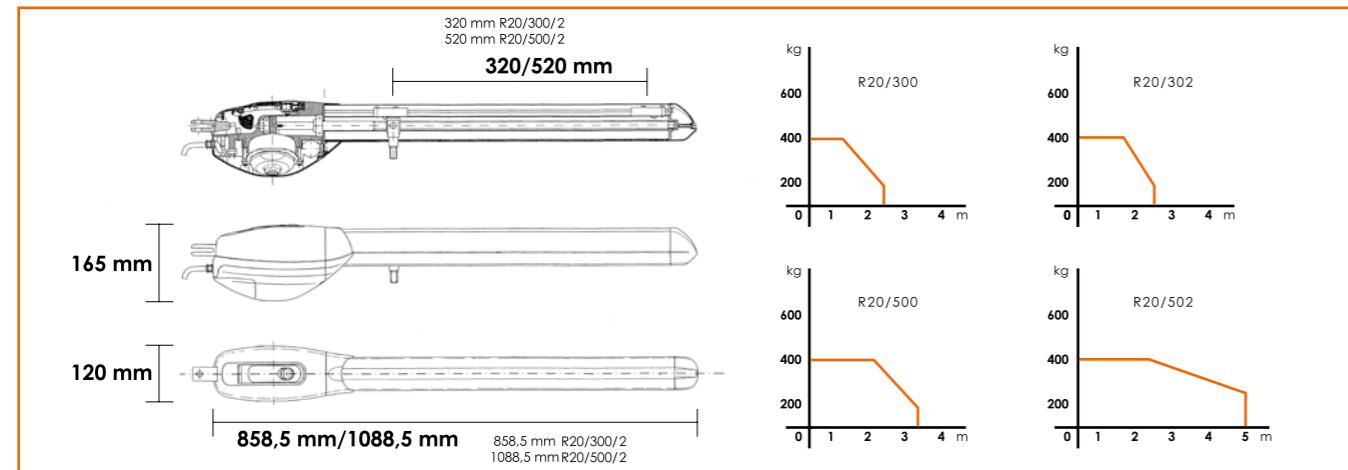


SMOOTH AND GRADUAL RELEASE

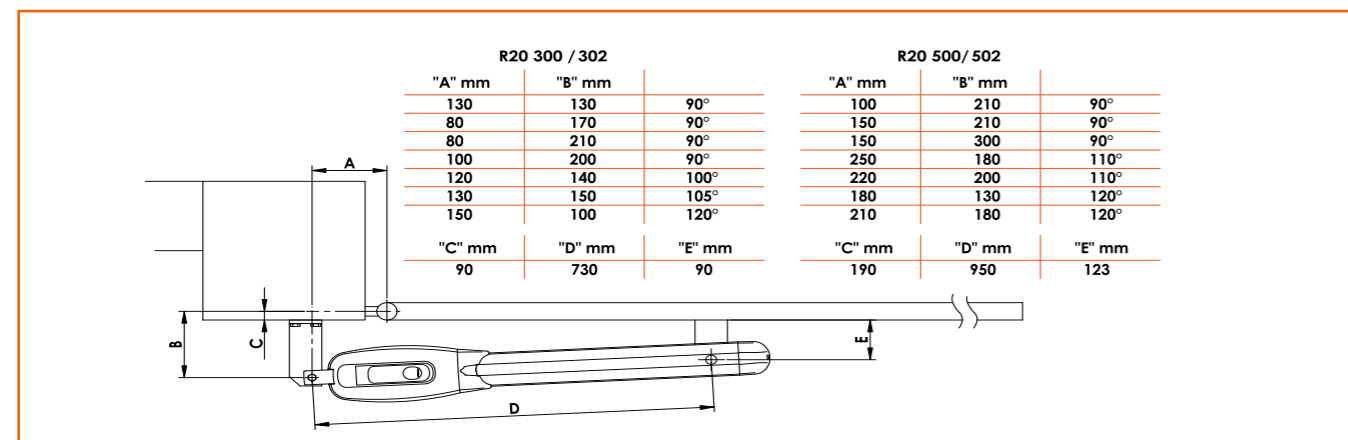
The release handle comes with customized keys and allows the gate to be moved manually with a smooth, gradual movement thanks to an original cam with variable profile.

R20		R20/300	R20/302	R20/500	R20/502
POWER SUPPLY	V	230 AC Hz	230 AC Hz	230 AC Hz	230 AC Hz
RATING	W	200	215	200	215
CURRENT	A	1,1	1,2	1,1	1,2
THRUST	N	2500	2800	2500	2800
TRAVEL	mm	320	320	520	520
TIME FOR OPENING 90°	s	19"	28"	27"	42"
DUTY CYCLE	%	40	40	40	40
MOTOR OVERLOAD CUTOUT	°C	140	140	140	140
WORKING TEMPERATURE	°C	-20+70	-20+70	-20+70	-20+70
PROTECTION RATING	IP	43	43	43	43
WEIGHT	Kg	7,2	7,2	7,8	7,8
BUILT-IN CAPACITOR	µF	16	8	16	8
SPEED	cm/s	1,66	1,06	1,66	1,06

dimensions



set up for standard installations



accessories

KT 201 long front hinge plate	KT 202 short front hinge plate	KT 203 long rear hinge plate	KT 204 short rear hinge plate
KT 205 3 hinge plates long series kit	KT 206 3 hinge plates short series ki	MC 750 limit switch with cable kit	MC 770 gate stop kit optional for the second micro for R20 (V1)