













RECOMMENDED TYPES OF CONTROL FOR WIRED SINGLE-PHASE MOTORS

T5 - DMI5 - T6 - DMI6 - T8 - T8M MOTORS

TYPE OF CONTROL	RADIO CONTROL	WIRED CONTROL WITHIN SIGHT, WITH MAINTAINED PUSH, WITHOUT SAFETY ACCESSORY
Operating mode	Automatic or sequential	Maintained push
Control boxes	  RSA Hz box OR RSA-Hz PRO box	not required
Control points	 Key switch and push buttons	 Remote controls & radio transmitters
Safety accessories	 Safety edge, photocell barrier & signalling light	not required

RECOMMENDED TYPES OF CONTROL FOR WIRED THREE-PHASE MOTORS

T9 - T9M MOTORS

TYPE OF CONTROL	RADIO CONTROL	WIRED CONTROL WITH SAFETY ACCESSORIES	WIRED CONTROL WITHIN SIGHT, WITH MAINTAINED PUSH, WITHOUT SAFETY ACCESSORY
Operating mode	Automatic or sequential	3 buttons or automatic	Maintained push
Control boxes	 SIMUDRIVE 410 control box + SA Hz standard receiver	 SIMUDRIVE 410 control box	 SIMUDRIVE 250 control box
Control points	 Key switch or wired switch	 Remote controls & radio transmitters	 Key switch or wired switch
Safety accessories	 Safety edge, photocell barrier & signalling light	not required	not required



Catalogue available on our website:

www.simu.com

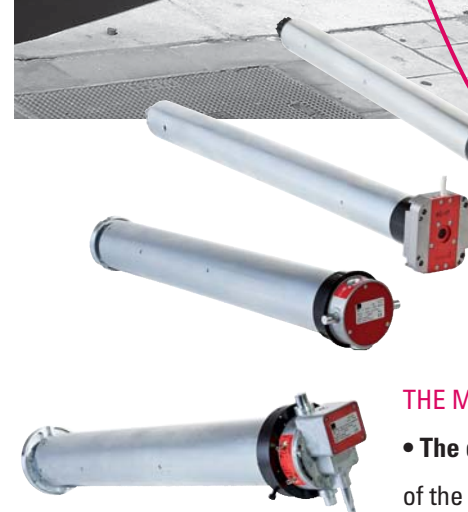


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TUBULAR MOTORS

T5/DMI5 - T6/DMI6 - T8/T8M - T9/T9M



THE MOST DISCREET SOLUTION FOR GRILLES AND METAL SHUTTERS!

- **The discreet solution:** Located inside the roller tube, the motors reduce considerably the total diameter of the system, when the curtain is rolled up on the shaft.
- **A complete range:** With a 60, 80 and 89 mm diameter, a single-phase or three-phase power supply and thanks to a range of torques up to 800 Nm, SIMU tubular motors give the opportunity to motorize most of grilles, metal shutters and rolling garage doors (DMI6 motor).
- **Available with a manual override:** for more security and to meet EN 13241-1 requirements DMI5, DMI6, T8M and T9M motors are equipped with a manual override to operate the shutter in case of power failure.



T5 / DMI5 MOTORS

WIRED SINGLE-PHASE, Ø 50 MM

- RANGE OF TORQUE FROM 40 TO 50 Nm, TO MOTORIZED DOORS UP TO 79 KG.
- AVAILABLE WITH OR WITHOUT INTEGRATED MANUAL OVERRIDE, IN THE MOTOR HEAD.
- MOTOR COMPATIBLE WITH THE RSA Hz RADIO CONTROL BOX, PROVIDING SECURE INSTALLATIONS WITH RADIO CONTROL.



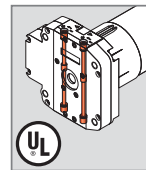
POWER SUPPLY 230V - 50 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	WEIGHT
T5 - 40/12	40 Nm	12 rpm	240 W	1,1 A	2,5 kg
T5 - 50/12	50 Nm	12 rpm	240 W	1,1 A	2,55 kg
DMI 5 - 40/12	40 Nm	12 rpm	240 W	1,1 A	3,12 kg
DMI 5 - 50/12	50 Nm	12 rpm	240 W	1,1 A	3,14 kg

POWER SUPPLY 120V - 60 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	WEIGHT
T5 - 40/12	40 Nm	12 rpm	210 W	1,8 A	2,76 kg
T5 - 50/12	50 Nm	12 rpm	250 W	2,1 A	2,48 kg
DMI 5 - 40/12	40 Nm	12 rpm	210 W	1,8 A	3,28 kg
DMI 5 - 50/12	50 Nm	12 rpm	250 W	2,1 A	3,3 kg

HOMOLOGATIONS & STANDARD



DMI5 motor: The setting screws of the end-limit are positioned on either side of the head, and therefore always accessible, whatever its orientation.

T6 / DMI6 MOTORS

WIRED SINGLE-PHASE, Ø 60 MM

- RANGE OF TORQUE FROM 60 TO 120 Nm, TO MOTORIZED DOORS UP TO 150 KG.
- AVAILABLE WITH OR WITHOUT INTEGRATED MANUAL OVERRIDE, IN THE MOTOR HEAD.
- MOTOR COMPATIBLE WITH THE RSA Hz RADIO CONTROL BOX, PROVIDING SECURE INSTALLATIONS WITH RADIO CONTROL.



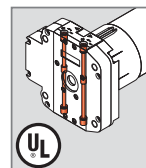
POWER SUPPLY 230V - 50 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	WEIGHT
T6 - 60/12	60 Nm	12 rpm	240 W	1,05 A	4,43 kg
T6 - 80/12	80 Nm	12 rpm	290 W	1,25 A	4,64 kg
T6 - 100/12	100 Nm	12 rpm	350 W	1,5 A	4,97 kg
T6 - 120/12	120 Nm	12 rpm	400 W	1,8 A	5,17 kg
DMI 6 - 60/12	60 Nm	12 rpm	240 W	1,05 A	4,63 kg
DMI 6 - 80/12	80 Nm	12 rpm	290 W	1,25 A	4,85 kg
DMI 6 - 100/12	100 Nm	12 rpm	350 W	1,5 A	5,17 kg
DMI 6 - 120/12	120 Nm	12 rpm	400 W	1,8 A	5,38 kg

POWER SUPPLY 120V - 60 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	WEIGHT
T6 - 60/14	60 Nm	14 rpm	285 W	2,5 A	4,66 kg
T6 - 80/14	80 Nm	14 rpm	390 W	3,4 A	4,97 kg
T6 - 100/14	100 Nm	14 rpm	430 W	3,8 A	5,31 kg
DMI 6 - 60/14	60 Nm	14 rpm	285 W	2,5 A	4,87 kg
DMI 6 - 80/14	80 Nm	14 rpm	390 W	3,4 A	5,18 kg
DMI 6 - 100/14	100 Nm	14 rpm	430 W	3,8 A	5,54 kg

HOMOLOGATIONS & STANDARD



DMI6 motor: The setting screws of the end-limit are positioned on either side of the head, and therefore always accessible, whatever its orientation.

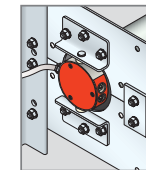
T8 / T8M MOTORS

WIRED SINGLE-PHASE, Ø 80 AND 89 MM

- THE WIDEST RANGE OF TORQUE, FROM 150 TO 450 Nm, WITH SINGLE PHASE POWER SUPPLY.
- SAFETY END-LIMIT SYSTEM, A THIRD SWITCH CUTS THE POWER SUPPLY OF THE MOTOR WHEN GOING BEYOND THE UP OR DOWN LIMITS, IN ACCORDANCE WITH EN 12453. AVAILABLE WITH OR WITHOUT.
- T8M VERSION AVAILABLE, WITH INTEGRATED MANUAL OVERRIDE, ORIENTABLE FROM 45°



STANDARD



T8 motor: The fixing system of motor with pins, a SIMU's specificity, guarantees a robust and sustainable maintain of the system.

POWER SUPPLY 230V - 50 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	END-LIMIT CAPACITY	BASE DIAMETER	WEIGHT
T815	150 Nm	8 rpm	450 W	2 A	17 rounds	94 mm	11 kg
T825	250 Nm	8 rpm	710 W	3,2 A	17 rounds	94 mm	13 kg
T825 M	250 Nm	8 rpm	710 W	3,2 A	21 rounds	94 mm	13 kg
T830	300 Nm	8 rpm	855 W	3,9 A	17 rounds	94 mm	13,5 kg
T830 M	300 Nm	8 rpm	855 W	3,9 A	17 rounds	94 mm	15 kg
T835	350 Nm	8 rpm	990 W	4,4 A	15 rounds	124 mm	25 kg
T835 M	350 Nm	8 rpm	990 W	4,4 A	15 rounds	124 mm	26 kg
T845	450 Nm	8 rpm	1200 W	5,3 A	15 rounds	124 mm	25 kg
T845 M	450 Nm	8 rpm	1200 W	5,3 A	15 rounds	124 mm	26 kg

POWER SUPPLY 120V - 60 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	END-LIMIT CAPACITY	BASE DIAMETER	WEIGHT
T820	200 Nm	10 rpm	600 W	5,6 A	17 rounds	94 mm	16 kg
T820 M	200 Nm	10 rpm	600 W	5,6 A	17 rounds	94 mm	17 kg

POWER SUPPLY 220V - 60 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	END-LIMIT CAPACITY	BASE DIAMETER	WEIGHT
T845	450 Nm	10 rpm	1200 W	5,5 A	15 rounds	124 mm	25 kg
T845 M	450 Nm	10 rpm	1200 W	5,5 A	15 rounds	124 mm	26 kg

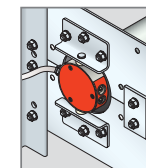
T9 / T9M MOTORS

WIRED THREE-PHASE, Ø 80 AND 89 MM

- THE MOST POWERFUL TORQUE RANGE, FROM 300 TO 800 Nm, WITH THREE-PHASE POWER SUPPLY.
- THE T9 (800 NM) IS THE BEST COMPROMISE ON THE MARKET OFFERING BOTH A COMPACT SOLUTION AND HIGH LIFTING CAPACITY (UP TO 800 KG).
- SAFETY END-LIMIT SYSTEM, A THIRD SWITCH CUTS THE POWER SUPPLY TO THE MOTOR WHEN GOING BEYOND THE UP OR DOWN LIMITS, IN ACCORDANCE WITH EN 12453.
- T9M VERSION AVAILABLE, WITH INTEGRATED MANUAL OVERRIDE, ORIENTABLE FROM 45°



STANDARD



T9 motor: The fixing system of motor with pins, a SIMU's specificity, guarantees a robust and sustainable maintain of the system.

POWER SUPPLY 230V - 50 Hz

DESCRIPTION	TORQUE	SPEED	POWER	CURRENT	END-LIMIT CAPACITY	BASE DIAMETER	WEIGHT
T930	300 Nm	8 rpm	610 W	2 A — 1,2 A	17 rounds	94 mm	16 kg
T940	400 Nm	8 rpm	750 W	2,6 A — 1,5 A	15 rounds	124 mm	25 kg
T950	500 Nm	8 rpm	830 W	2,9 A — 1,7 A	15 rounds	124 mm	33 kg
T960	600 Nm	8 rpm	920 W	3 A — 1,8 A	15 rounds	124 mm	33 kg
T980	800 Nm	8 rpm	1250 W	5,2 A — 3 A	15 rounds	124 mm	33 kg
T930 M	300 Nm	8 rpm	610 W	2 A — 1,2 A	17 rounds	94 mm	17 kg
T940 M	400 Nm	8 rpm	750 W	2,6 A — 1,5 A	15 rounds	124 mm	26 kg
T950 M	500 Nm	8 rpm	830 W	2,9 A — 1,7 A	15 rounds	124 mm	34 kg
T960 M	600 Nm	8 rpm	920 W	3 A — 1,8 A	15 rounds	124 mm	34 kg
T980 M	800 Nm	8 rpm	1250 W	5,2 A — 3 A	15 rounds	124 mm	34 kg