

## TECHNICAL FEATURES OF THE PRODUCT

CAUTIONS: • The technical features set out refer to an ambient temperature of 20°C (± 5°C). • Nice S.p.a. reserves the right to make alterations to the product any time it deems it necessary, keeping the same functionality and destination of use.

Empowered Toona series				
	TO4016P	TO5016P	TO4024I*	TO5024I*
Type	electromechanical gear motor for gates or doors with leaf opening			
Power input	230 Vac 50 Hz	230 Vac 50 Hz	24 Vdc	24Vdc
Maximum absorption	1.7 A	1.7 A	7.5 A	7.5 A
Nominal absorption	1.2 A	1.2A	2.2 A	2.2A
Maximum absorbed power	385 W	385 W	180 W	180 W
Nominal absorbed power	220 W	220 W	60 W	60 W
Capacitor incorporated	12 µF	12 µF	-	-
Protection grade	IP 44	IP 44	IP 44	IP 44
Travel	350 mm	505 mm	350 mm	540 mm
Speed loadless	0.013 m/sec	0.013 m/sec	0.013 m/sec	0.013 m/sec
Speed loaded	0,010 m/sec	0,010 m/sec	0,010 m/sec	0,010 m/sec
Maximum force	3200 N	3200 N	3200 N	3200 N
Nominal force	800 N	800 N	800 N	800 N
Operating temperature	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C	-20 °C to +50 °C
Thermal protection	140 °C	140 °C	-	-
Cycles/h at nominal force	46	46	75	75
Durability	estimated between 50,000 and 150,000 cycles of manoeuvres.			
Insulation class	F	F	F	F
Dimensions (mm)	820 x 115 x 105 h	820 x 115 x 105 h	820 x 115 x 105 h	965 x 115 x 105 h
Weight	6 Kg	7 Kg	7 Kg	8 Kg

\* Technical specifications referred to the product used with control unit MC824H firmware version TH00

