

## twister MT45 MA /30/12 - MT45 MA /40/12 - MT45 MA /50/12

**230V** Alimentación 230v | Power supply 230v | Alimentation 230v

**RF** Radiofrecuencia | Radio frequency | Radiofréquence

**KIT** Producto KIT | KIT product | Produit KIT

**®** Producto Patentado | Patented product | Produit breveté



**Desbloqueo manual mediante manivela.**  
Manual release with a handle.  
Débrayage manuel avec manivelle.

Ref.: **P1TUBUM171**

Ref.: **P1TUBUM181**

Ref.: **P1TUBUM191**

### Motor tubular MT45 para persianas de diámetro Ø 45

Una nueva generación de motores tubulares adecuados para tubo de Ø 45 tanto en persianas como toldos, pudiéndose accionar mediante botonera, emisor de control remoto, así como un modelo con maniobra de emergencia manual.

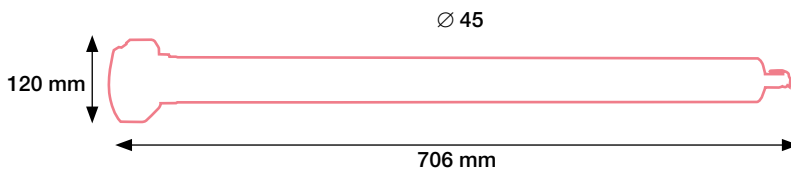
### Tubular motor MT45 for blinds of 45mm diameter.

A new generation of tubular motors for 45 mm diameter tubes for blinds and awnings, which can be operated by a keypad or remote control, or a model with manual emergency handling.

### Moteur tubulaire MT45 pour persiennes de Ø 45 de diamètre.

Une nouvelle génération de moteurs tubulaires adaptés aux tubes de Ø 45 pour les persiennes et les stores. Il est possible de les commander à l'aide d'un clavier, un émetteur de télécommande, et il existe également un modèle de contrôle manuel en cas d'urgence.

### Dimensiones / Dimensions / Dimensions



Con estas dimensiones es el motor idóneo para instalar en persianas y toldos de uso doméstico.

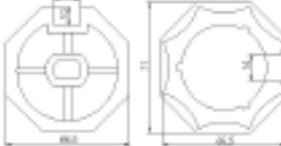


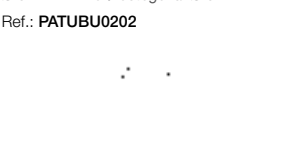
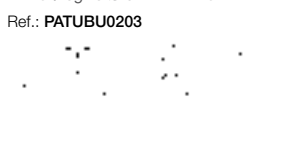
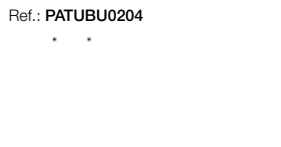
With these dimensions its the ideal motor to install for blinds and awnings for domestic use.

Ces dimensions en font le moteur parfait pour les persiennes et les stores destinés aux particuliers.


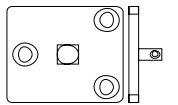
### Características Técnicas / Technical Features / Caractéristiques Techniques

	MT45 MA 30/12	MT45 MA 40/12	MT45 MA 50/12
par nominal / nominal torque / couple nominal	<b>30 Nm</b>	<b>30 Nm</b>	<b>50 Nm</b>
velocidad / speed / vitesse	<b>16 vpm</b>	<b>12 vpm</b>	<b>12 vpm</b>
potencia motor / motor power / puissance moteur	<b>220 w</b>	<b>285 w</b>	<b>300 w</b>
intensidad / current / intensité	<b>1.1 A</b>	<b>1.1 A</b>	<b>1.5 A</b>
térmico / thermal insulation / thermique	<b>&gt;4</b>	<b>&gt;4</b>	<b>&gt;4</b>
nº max vueltas / max. no. revolutions / nº maxi. tours	<b>30 rpm</b>	<b>40 rpm</b>	<b>30 rpm</b>
peso / weight / poids	<b>3.55 kg</b>	<b>3.55 kg</b>	<b>3.55 kg</b>

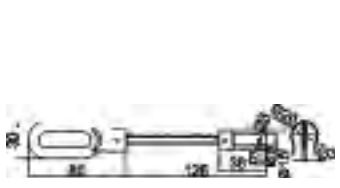
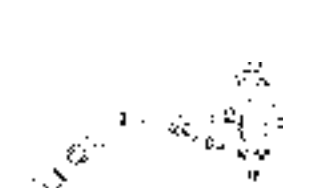
**Adaptadores - Adaptors - Adaptateurs**

<p><b>At10</b> Ø 45 redondo Ø 47mm MT45 / round Ø 47mm MT45 / rond Ø 47mm MT45 Ref.: PATUBU0193</p>	<p><b>At12</b> Ø 45 redondo Ø 56mm MT45 / round Ø 56mm MT45 / rond Ø 56mm MT45 Ref.: PATUBU0195</p>	<p><b>At13</b> Ø 45 octogonal Ø 57mm MT35 / octagonal Ø 57mm MT35 / octogonal Ø 57mm MT35 Ref.: PATUBU0196</p>	<p><b>At14</b> Ø 45 octogonal Ø 57mm MT45 (estrella) / octa- gonal Ø 57mm MT45 (star) / octogonal Ø 57mm MT45 (étoile) Ref.: PATUBU0197</p>
<p><b>At15</b> Ø 45 redondo Ø 59,5mm MT45 / round Ø 59,5mm MT45 / rond Ø 59,5mm MT45 Ref.: PATUBU0198</p> 	<p><b>At16</b> Ø 45 redondo Ø 59mm MT45 / round Ø 59mm MT45 / rond Ø 59mm MT45 Ref.: PATUBU0199</p> 	<p><b>At17</b> Ø 45 redondo Ø 60mm MT45 / round Ø 60mm MT45 / rond Ø 60mm MT45 Ref.: PATUBU0200</p> 	<p><b>At18</b> Ø 45 hexagonal Ø 65,5mm MT45 / hexagonal Ø 65,5mm MT45 / hexagonal Ø 65,5mm MT45 Ref.: PATUBU0201</p>
<p><b>At19</b> Ø 45 octogonal Ø 67mm MT45 / octagonal Ø 67mm MT45 / octogonal Ø 67mm MT45 Ref.: PATUBU0202</p> 	<p><b>At20</b> Ø 45 ojiva Ø 67mm MT45 / ogive Ø 67mm MT45 / ogive Ø 67mm MT45 Ref.: PATUBU0203</p> 	<p><b>At21</b> Ø 45 redondo Ø 67,5D mm MT45 / round Ø 67,5D mm MT45 / rond Ø 67,5Dmm MT45 Ref.: PATUBU0204</p> 	<p><b>At22</b> Ø 45 redondo Ø 70mm MT45 / round Ø 70mm MT45 / rond Ø 70mm MT45 Ref.: PATUBU0205</p>
<p><b>At23</b> Ø 45 ojiva Ø 76mm MT35 / ogive Ø 76mm MT35 / ogive Ø 76mm MT35 Ref.: PATUBU0206</p>	<p><b>At24</b> Ø 45 ojiva Ø 78mm MT45 / ogive Ø 78mm MT45 / ogive Ø 78mm MT45 Ref.: PATUBU0207</p>	<p><b>At25</b> Ø 45 redondo Ø 85mm MT45 / round Ø 85mm MT45 / rond Ø 85mm MT45 Ref.: PATUBU0208</p>	<p><b>At26</b> Ø 45 redondo Ø 94mm MT45 / round Ø 94mm MT45 / rond Ø 94mm MT45 Ref.: PATUBU0209</p>
<p><b>At27</b> Ø 45 octogonal Ø 97mm MT45 / octagonal Ø 97mm MT45 / octogonal Ø 97mm MT45 Ref.: PATUBU0210</p>			

**Soportes - Supports - Supports**

<p><b>St 01</b> MT35/45 Ø 10mm Ref.: PATUBU0180</p> 	<p><b>St 06</b> MTM Ref.: PATUBU0187</p> 
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**Soportes - Supports - Supports**

<p><b>Desbloqueo / Unlock / Débrayage</b> Twister 45M Ref.: PATUBU0300</p> 	<p><b>Desbloqueo / Unlock / Débrayage</b> Twister 45MA Ref.: PATUBU0150</p> 
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## twister MT45 MA /30/12 - MT45 MA /40/12 - MT45 MA /50/12

**230V** Alimentación 230v | Alimentazione 230v | Alimentação 230v

**RF** Radiofrecuencia | Radiofrequenza | Radiofrequência

**KIT** Producto KIT | Prodotto KIT | Produto KIT

**®** Producto Patentado | Prodotto Brevettato | Produto Patenteado



**Receptor integrado con final de carrera electrónico.**  
Ricevitore integrato con fine corsa elettronico.  
Receptor integrado com fim de curso electrónico.

Ref.: **P1TUBUM171**

Ref.: **P1TUBUM181**

Ref.: **P1TUBUM191**

### Motor tubular MT45 para persianas de diámetro Ø 45

Una nueva generación de motores tubulares adecuados para tubo de Ø 45 tanto en persianas como toldos, pudiéndose accionar mediante botonera, emisor de control remoto, así como un modelo con maniobra de emergencia manual.

### Motore tubolare MT45 per tapparelle del diametro di Ø 45.

Della serie MT45, spicca il nostro modello versione RT, il quale presenta incorporato un fine corsa elettronico con ricevitore integrato in grado di essere regolato via radio.

### Motor tubular MT45 para persianas de diámetro Ø 45.

Da série MT45, destacamos o nosso modelo versão RT, que inclui um fim de curso electrónico com receptor integrado que permite a regulação via rádio.

Dimensiones / Dimensioni / Dimensões



Con estas dimensiones es el motor idóneo para instalar en persianas y toldos de uso doméstico.

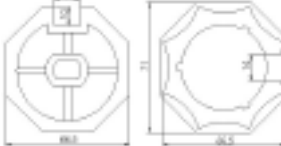


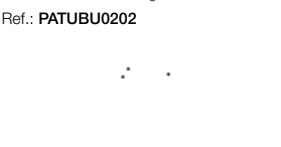
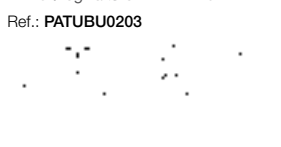
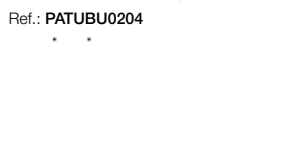
Con queste dimensioni è il motore ideale da installare in tapparelle e tende per uso domestico.

Com estas dimensões, é o motor ideal para instalar em persianas e toldos de uso doméstico.


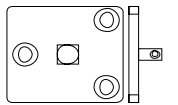
Características Técnicas / Caratteristiche Tecniche / Características Técnicas

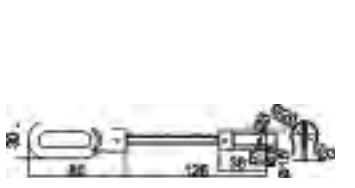
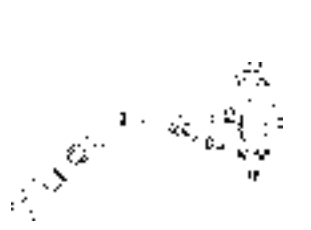
	MT45 MA 30/12	MT45 MA 40/12	MT45 MA 50/12
par nominal / coppia nominale / binário nominal	<b>30 Nm</b>	<b>30 Nm</b>	<b>50 Nm</b>
velocidad / velocità / velocidade	<b>16 vpm</b>	<b>12 vpm</b>	<b>12 vpm</b>
potencia motor / potenza motore / potência do motor	<b>220 w</b>	<b>285 w</b>	<b>300 w</b>
intensidad / intensità / intensidade	<b>1.1 A</b>	<b>1.1 A</b>	<b>1.5 A</b>
térmico / termico / térmico	<b>&gt;4</b>	<b>&gt;4</b>	<b>&gt;4</b>
nº max. vueltas / nº max. giri / n.º máx. voltas	<b>30 rpm</b>	<b>40 rpm</b>	<b>30 rpm</b>
peso / peso / peso	<b>3.55 kg</b>	<b>3.55 kg</b>	<b>3.55 kg</b>

## Adaptadores - Adattatori - Adaptadores

<p><b>At10</b> Ø 45 redondo Ø47mm MT45 / rotondo Ø47mm MT45 / redondo Ø47mm MT45 Ref.: PATUBU0193</p>	<p><b>At12</b> Ø 45 redondo Ø 56mm MT45 / rotondo Ø 56mm MT45 / redondo Ø 56mm MT45 Ref.: PATUBU0195</p>	<p><b>At13</b> Ø 45 octogonal Ø 57mm MT35 / ottagonale Ø 57mm MT35 / octogonal Ø 57mm MT35 Ref.: PATUBU0196</p>	<p><b>At14</b> Ø 45 octogonal Ø 57mm MT45 (estrella) / ottagonale Ø 57mm MT45 (stella) / octogonal Ø 57mm MT45 (strela) Ref.: PATUBU0197</p>
<p><b>At15</b> Ø 45 redondo Ø 59,5mm MT45 / rotondo Ø 59,5mm MT45 / redondo Ø 59,5mm MT45 Ref.: PATUBU0198</p> 	<p><b>At16</b> Ø 45 redondo Ø 59mm MT45 / rotondo Ø 59mm MT45 / redondo Ø 59mm MT45 Ref.: PATUBU0199</p> 	<p><b>At17</b> Ø 45 redondo Ø 60mm MT45 / rotondo Ø 60mm MT45 / redondo Ø 60mm MT45 Ref.: PATUBU0200</p> 	<p><b>At18</b> Ø 45 hexagonal Ø 65,5mm MT45 / esagonale Ø 65,5mm MT45 / hexagonal Ø 65,5mm MT45 Ref.: PATUBU0201</p>
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<p><b>At23</b> Ø 45 ogiva Ø 76mm MT35 / ogiva Ø 76mm MT35 / ogiva Ø 76mm MT35 Ref.: PATUBU0206</p>	<p><b>At24</b> Ø 45 ogiva Ø 78mm MT45 / ogiva Ø 78mm MT45 / ogiva Ø 78mm MT45 Ref.: PATUBU0207</p>	<p><b>At25</b> Ø 45 redondo Ø 85mm MT45 / rotondo Ø 85mm MT45 / redondo Ø 85mm MT45 Ref.: PATUBU0208</p>	<p><b>At26</b> Ø 45 redondo Ø 94mm MT45 / rotondo Ø 94mm MT45 / redondo Ø 94mm MT45 Ref.: PATUBU0209</p>
<p><b>At27</b> Ø 45 octogonal Ø 97mm MT45 / ottagonale Ø 97mm MT45 / octogonal Ø 97mm MT45 Ref.: PATUBU0210</p>			

## Soportes - Supporti - Suportes

 <p><b>St 01</b> MT35/45 Ø 10mm Ref.: PATUBU0180</p>	 <p><b>St 04</b> MT35/45 Ref.: PATUBU0185</p>
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 <p><b>Desbloqueo / rilascio / liberação</b> Twister 45M Ref.: PATUBU0300</p>	 <p><b>Desbloqueo / rilascio / liberação</b> Twister 45MA Ref.: PATUBU0150</p>
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