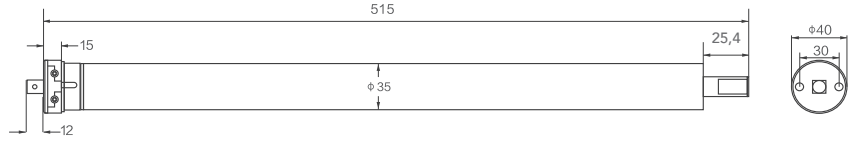


**Tüp Motorlar, Aksesuarlar &  
Kontrol Sistemleri**

Tubular Motors, Accessorises &  
Control Systems



- Ø40 mm'lik ASAŞ düz motor  
ASAŞ standard tubular motor Ø40 mm

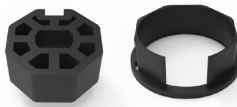


#### Özellikler / Specs

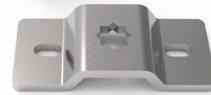
| Ürün Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | Güç<br>Power<br>(W) | Akım<br>Current<br>(A) | Çalışma süresi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | Ağırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA.NZ.010.40W            | 10                     | 14                    | 165                 | 0,71                   | 4                                             | 515                       | 1,6                       |

#### Paket içeriği / Packet contents

Motor bileziği ve adaptörü  
Motor crown and wheel



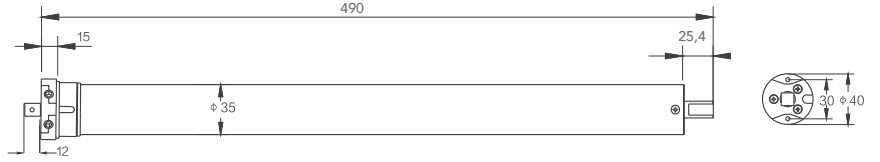
Braket  
Bracket



Limit Ayar Çubuğu  
Limit Adjustment Tool



■ Ø40 mm'lik ASAŞ alıcı motor  
ASAŞ radio motor Ø40 mm

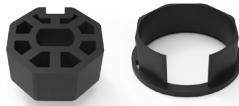


#### Özellikler / Specs

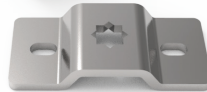
| Ürün Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | Güç<br>Power<br>(W) | Akım<br>Current<br>(A) | Çalışma süresi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | Ağırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA.NZ.103.40R            | 3                      | 28                    | 139                 | 0,61                   | 4                                             | 490                       | 1,6                       |
| TMA.NZ.110.40R            | 10                     | 14                    | 165                 | 0,71                   | 4                                             | 490                       | 1,6                       |

#### Paket içeriği / Packet contents

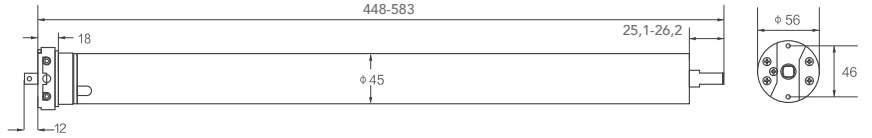
Motor bileziği ve adaptörü  
Motor crown and wheel



Braket  
Bracket



■ Ø60 mm'lik ASAŞ düz motor  
ASAŞ standard tubular motor Ø60 mm



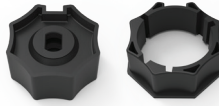
#### Özellikler / Specs

| Ürün Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | Güç<br>Power<br>(W) | Akım<br>Current<br>(A) | Çalışma süresi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | Ağırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NZ.110.60W           | 10                     | 15                    | 162                 | 0,71                   | 4                                             | 448                       | 2,1                       |
| TMA .NZ.120.60W           | 20                     | 15                    | 178                 | 0,78                   | 4                                             | 463                       | 2,3                       |
| TMA .NZ.130.60W           | 30                     | 15                    | 235                 | 1,03                   | 4                                             | 583                       | 2,8                       |
| TMA .NZ.140.60W           | 40                     | 12                    | 275                 | 1,20                   | 4                                             | 583                       | 3,0                       |
| TMA .NZ.150.60W           | 50                     | 12                    | 282                 | 1,23                   | 4                                             | 583                       | 3,2                       |

\* 30N ve üzeri motorlarda alüminyum adaptör kullanılır.  
\* 30N and higher motors are used with aluminium wheel.

#### Paket içeriği / Packet contents

Motor bileziği ve adaptörü  
Motor crown and wheel



Braket  
Bracket



Limit Ayar Çubuğu  
Limit Adjustment Tool



- Ø60 mm'lik ASAŞ kısa d z motor  
ASAŞ standard short tubular motor Ø60 mm

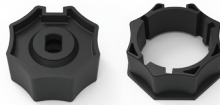


####  zellikler / Specs

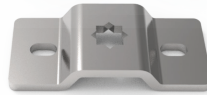
|  r n Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | G  <br>Power<br>(W) | Akım<br>Current<br>(A) |  alıřma s resi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | A ırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NS.110.60W           | 10                     | 15                    | 162                 | 0,71                   | 4                                             | 413                       | 2,1                       |

#### Paket i eri i / Packet contents

Motor bilezi i ve adapt r   
Motor crown and wheel



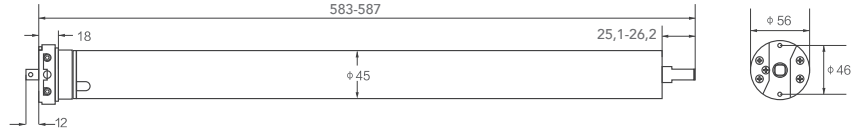
Braket  
Bracket



Limit Ayar  ubu u  
Limit Adjustment Tool



■ Ø60 mm'lik ASAŞ alıcılı motor  
ASAŞ radio motor Ø60 mm



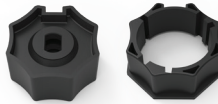
#### Özellikler / Specs

| Ürün Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | Güç<br>Power<br>(W) | Akım<br>Current<br>(A) | Çalışma süresi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | Ağırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NZ.110.60R           | 10                     | 15                    | 162                 | 0,71                   | 4                                             | 583                       | 2,1                       |
| TMA .NZ.120.60R           | 20                     | 15                    | 178                 | 0,78                   | 4                                             | 583                       | 2,3                       |
| TMA .NZ.130.60R           | 30                     | 15                    | 235                 | 1,03                   | 4                                             | 583                       | 2,8                       |
| TMA .NZ.140.60R           | 40                     | 12                    | 275                 | 1,20                   | 4                                             | 583                       | 3,0                       |
| TMA .NZ.150.60R           | 50                     | 12                    | 282                 | 1,23                   | 4                                             | 587                       | 3,2                       |

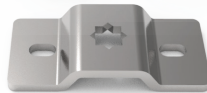
\* 30N ve üzeri motorlarda alüminyum adaptör kullanılır.  
\* 30N and higher motors are used with aluminium wheel.

#### Paket içeriği / Packet contents

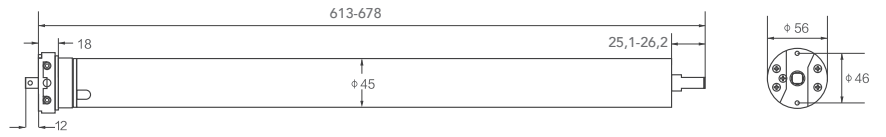
Motor bileziği ve adaptörü  
Motor crown and wheel



Braket  
Bracket



- Ø60 mm'lik ASAŞ mekanik alıcı motor  
ASAŞ radio motor with mechanical limit switch Ø60 mm



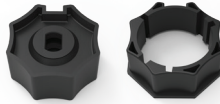
#### Özellikler / Specs

|  r n Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | G   <br>Power<br>(W) | Akım<br>Current<br>(A) |  alı ma s resi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | A ırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|----------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NR.110.60W           | 10                     | 15                    | 162                  | 0,71                   | 4                                             | 613                       | 2,3                       |
| TMA .NR.120.60W           | 20                     | 15                    | 178                  | 0,78                   | 4                                             | 613                       | 2,5                       |
| TMA .NR.130.60W           | 30                     | 15                    | 235                  | 1,03                   | 4                                             | 678                       | 3,0                       |
| TMA .NR.140.60W           | 40                     | 12                    | 275                  | 1,20                   | 4                                             | 678                       | 3 2                       |
| TMA .NR.150.60W           | 50                     | 12                    | 282                  | 1,23                   | 4                                             | 678                       | 3,4                       |

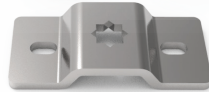
\* 30N ve  zeri motorlarda al minyum adapt r kullanılır.  
\* 30N and higher motors are used with aluminium wheel.

#### Paket i eri i / Packet contents

Motor bilezi i ve adapt r   
Motor crown and wheel



Braket  
Bracket

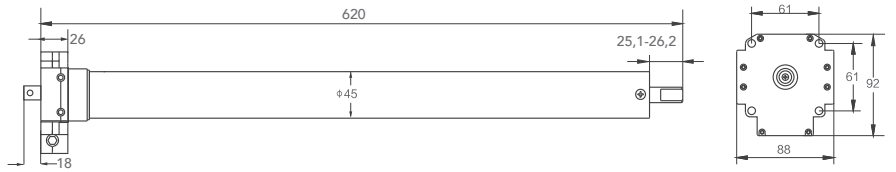


Limit Ayar  ubu u  
Limit Adjustment Tool



## ■ Ø60 mm'lik ASAŞ red kt rl  motor

ASAŞ standard tubular motor with integrated manual override Ø60 mm



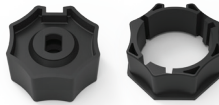
##  zellikler / Specs

|  r n Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | G  <br>Power<br>(W) | Akım<br>Current<br>(A) |  alıřma s resi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | A ırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NZ.120.60M           | 20                     | 15                    | 178                 | 0,78                   | 4                                             | 620                       | 2,6                       |
| TMA .NZ.130.60M           | 30                     | 15                    | 235                 | 1,03                   | 4                                             | 620                       | 3,2                       |
| TMA .NZ.140.60M           | 40                     | 12                    | 275                 | 1,20                   | 4                                             | 620                       | 3,2                       |
| TMA .NZ.150.60M           | 50                     | 12                    | 282                 | 1,23                   | 4                                             | 620                       | 3,2                       |

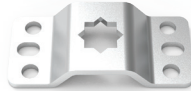
\* 30N ve  zeri motorlarda al minyum adapt r kullanılır.  
\* 30N and higher motors are used with aluminium wheel.

## Paket i eri i / Packet contents

Motor bilezi i ve adapt r   
Motor crown and wheel



Braket  
Bracket



Limit Ayar  ubu u  
Limit Adjustment Tool

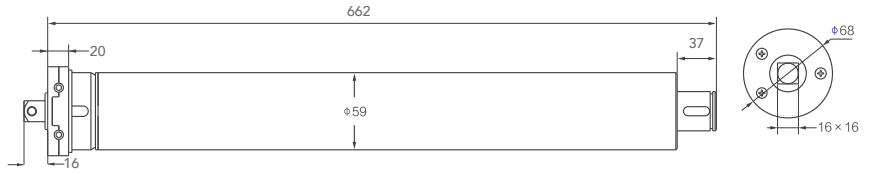


Arakol  
Eye Outlet





■ Ø70 mm'lik ASAŞ düz motor  
ASAŞ standard tubular motor Ø70 mm

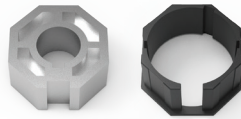


#### Özellikler / Specs

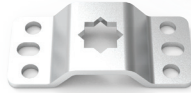
| Ürün Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | Güç<br>Power<br>(W) | Akım<br>Current<br>(A) | Çalışma süresi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | Ağırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NZ.260.70W           | 60                     | 12                    | 288                 | 1,25                   | 4                                             | 662                       | 4,0                       |
| TMA .NZ.280.70W           | 80                     | 12                    | 370                 | 1,80                   | 4                                             | 662                       | 4,2                       |
| TMA .NZ.210.70W           | 100                    | 12                    | 441                 | 1,92                   | 4                                             | 662                       | 4,6                       |
| TMA .NZ.212.70W           | 120                    | 9                     | 450                 | 2,00                   | 4                                             | 662                       | 5,0                       |
| TMA .NZ.214.70W           | 140                    | 9                     | 465                 | 2,12                   | 4                                             | 662                       | 5,5                       |

#### Paket içeriği / Packet contents

Motor bileziği ve adaptörü  
Motor crown and wheel



Braket  
Bracket

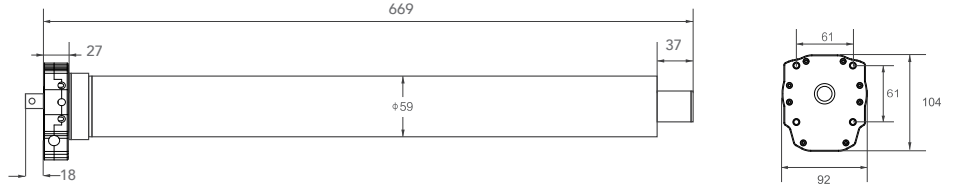


Limit Ayar Çubuğu  
Limit adjustment tool



## ■ Ø70 mm'lik ASAŞ red kt rl  motor

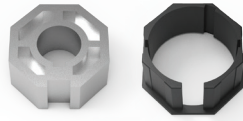
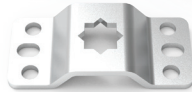
ASAŞ standard tubular motor with integrated manual override Ø70 mm



##  zellikler / Specs

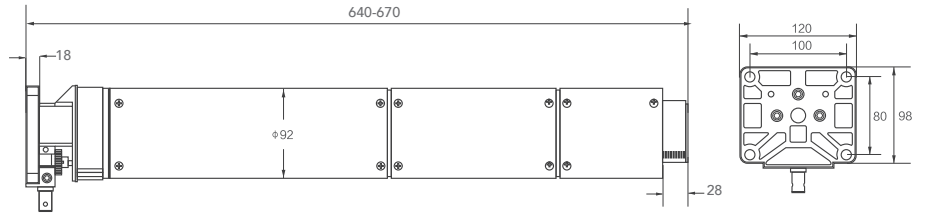
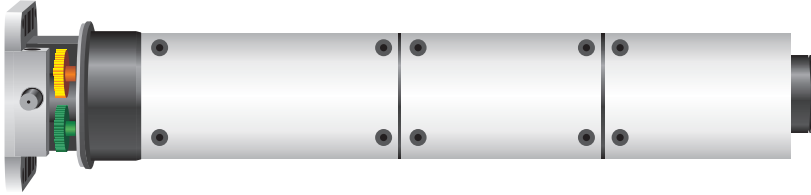
|  r n Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | G  <br>Power<br>(W) | Akım<br>Current<br>(A) |  alıřma s resi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | A ırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NZ.260.70M           | 60                     | 12                    | 288                 | 1,25                   | 4                                             | 669                       | 5,8                       |
| TMA .NZ.280.70M           | 80                     | 12                    | 370                 | 1,80                   | 4                                             | 669                       | 6,0                       |
| TMA .NZ.210.70M           | 100                    | 12                    | 441                 | 1,92                   | 4                                             | 669                       | 6,6                       |
| TMA .NZ.212.70M           | 120                    | 9                     | 450                 | 2,00                   | 4                                             | 669                       | 6,8                       |
| TMA .NZ.214.70M           | 140                    | 9                     | 465                 | 2,12                   | 4                                             | 669                       | 7,0                       |

## Paket i eri i / Packet contents

Motor bilezi i ve adapt r   
Motor crown and wheelBraket  
BracketLimit Ayar  ubu u  
Limit adjustment toolArakol  
Eye outlet

## ■ Ø102 mm'lik ASAŞ red kt rl  motor

ASAŞ standard tubular motor with integrated manual override Ø102 mm



##  zellikler / Specs

|  r n Kodu<br>Product Code | Tork<br>Torque<br>(Nm) | Hız<br>Speed<br>(rpm) | G  <br>Power<br>(W) | Akım<br>Current<br>(A) |  alıřma s resi<br>Running time<br>(Dak.-Min.) | Uzunluk<br>Length<br>(mm) | A ırlık<br>Weight<br>(kg) |
|---------------------------|------------------------|-----------------------|---------------------|------------------------|-----------------------------------------------|---------------------------|---------------------------|
| TMA .NZ.314.00M           | 140                    | 12                    | 580                 | 2,6                    | 4                                             | 640                       | 10,0                      |
| TMA .NZ.318.00M           | 180                    | 12                    | 626                 | 2,8                    | 4                                             | 640                       | 11,0                      |
| TMA .NZ.323.00M           | 230                    | 12                    | 830                 | 3,6                    | 4                                             | 640                       | 12,0                      |
| TMA .NZ.330.00M           | 300                    | 6                     | 880                 | 3,8                    | 4                                             | 670                       | 13,5                      |

## Paket i eri i / Packet contents

Motor bilezi i ve adapt r 

Motor crown and wheel



Limit Ayar  ubu u

Limit Adjustment Tool



Arakol

Eye outlet



- Tek kanallı verici (el kumandası)  
Hand transmitter, single channel



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.001            | 1 adet / piece                    |

- Tek tek veya grup kontrol  zelli i olan 4 kanallı verici (el kumandası)  
Hand transmitter, 4 channels, individual and group control function



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.002            | 1 adet / piece                    |

- Tek tek veya grup kontrol  zelli i olan 8 kanallı LCD ekranlı verici (el kumandası)  
Hand transmitter, 8 channels, LCD display, individual and group control function



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.38C            | 1 adet / piece                    |

- Tek tek veya grup kontrol  zelli i olan 16 kanallı LCD ekranlı verici (el kumandası)  
Hand transmitter, 16 channels, LCD display, individual and group control function



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.316            | 1 adet / piece                    |

## ■ Tek kanallı 8 farklı açma&amp;kapama zamanlı LCD ekranlı verici (el kumandası)

*Hand transmitter, single channel, LCD display, timer function, 8 different open & close time*

## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.31T            | 1 adet / piece                    |



## Sürme kapaklı mini kumanda (tek kanallı)

*Mini slide emitter (single channel)*

## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE0.010            | 1 adet / piece                    |



## Sürme kapaklı mini kumanda (dört kanallı)

*Mini slide emitter (four channel)*

## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE0.014            | 1 adet / piece                    |

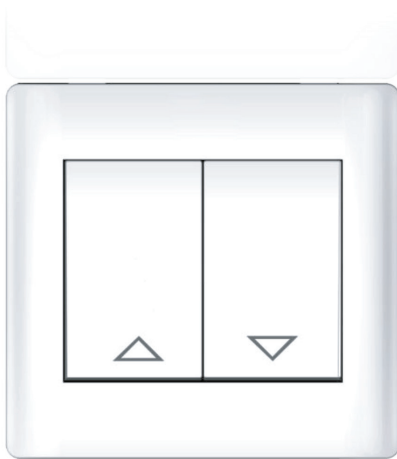


## Tekli anahtar (sıva altı)

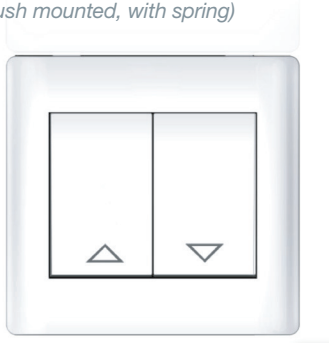
*Switch (flush mounted)*

## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.TA.301.001            | 1 adet / piece                    |



- Tekli anahtar (sıva altı, yaylı tip)  
Switch (flush mounted, with spring)



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.TA.301.B01            | 1 adet / piece                    |

- Tek kanallı duvar tipi verici, kablosuz (sıva  st )  
Transmitter, single channel, wireless, wall mounted design



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.004            | 1 adet / piece                    |

- 2 kanallı duvar tipi verici, kablosuz (sıva  st )  
Transmitter, 2 channels, wireless, wall mounted design



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RE1.006            | 1 adet / piece                    |

- Tek kanallı zaman ayarlı duvar tipi verici, kablolu (sıva altı)  
Transmitter, single channel, timer function, flush mounted design, wired



## Özellikler / Specs

|  r n Kodu<br>Product Code | Paket i eri i<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.T10.001            | 1 adet / piece                    |

- Uzaktan kumanda verici+alıcı (15 adet verici kodlayabilme) buton görünümlü, kablolu (sıva altı)

Receiver and control switch, it can work with 15 units of emitters at most, flush mounted, wired



#### Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RC1.001            | 1 adet / piece                    |

- 2 kanallı, uzaktan kumanda, verici+alıcı, buton görünümlü, kablolu (sıva altı)

2 channels, receiver and control switch, flush mounted, wired



#### Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RC1.002            | 1 adet / piece                    |

Alıcı  
Receiver



#### Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RC0.006            | 1 adet / piece                    |

Garaj tipi duvar alıcı  
Receiver for garage door application



#### Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RC0.001            | 1 adet / piece                    |

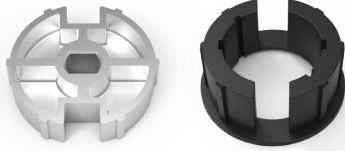
- Garaj tipi fotosel bağlanabilen alıcı  
Garage type receiver with photocell function



## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.WS.RC0.007            | 1 adet / piece                    |

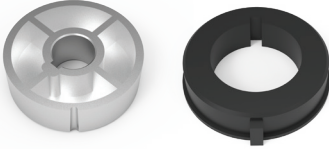
- Ø60mm'lik motoru Ø70mm'lik boruya uygulayabilmek için başlık ve adaptör  
Wheel in aluminium, crown in plastic for Ø60 mm motor to be used with Ø70 mm tube



## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.A2.000.406            | 1 adet / piece                    |

- Ø70mm'lik motoru Ø102mm'lik boruya uygulayabilmek için başlık ve adaptör  
Wheel in aluminium, crown in plastic for Ø70 mm motor to be used with Ø102 mm tube



## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents |
|---------------------------|-----------------------------------|
| TMA.A2.000.505            | 1 adet / piece                    |

- Redüktör Kolu  
Crank Handle



## Özellikler / Specs

| Ürün Kodu<br>Product Code | Paket içeriği<br>Package contents | Uzunluk<br>Length |
|---------------------------|-----------------------------------|-------------------|
| TMA.50.178.19A            | 1 adet / piece                    | 1500 mm           |
| TMA.50.178.20A            | 1 adet / piece                    | 2000 mm           |





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