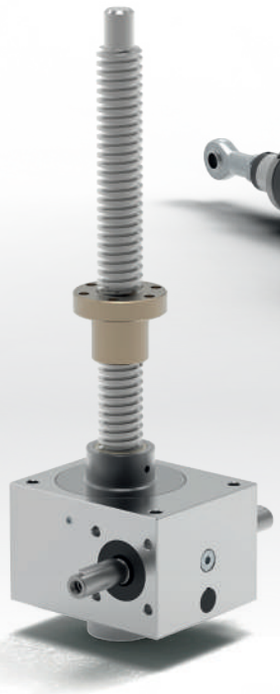
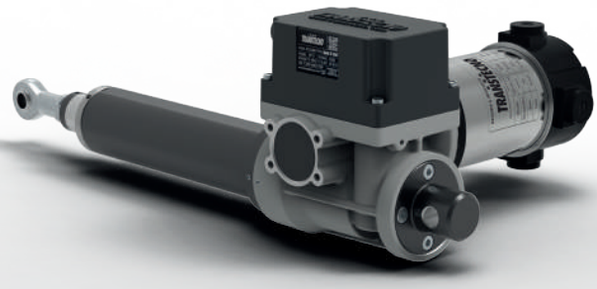
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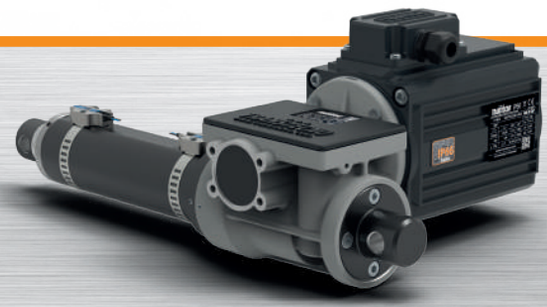
# Linear division



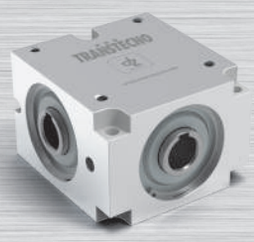


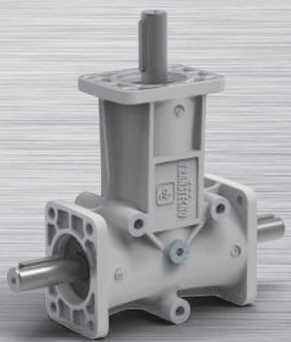










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# UP

## Martinetti meccanici a vite trapezia
## Trapezoidal mechanical screw jacks



# DHT

## Martinetti meccanici a vite trapezia
## Trapezoidal mechanical screw jacks



# HS

## Martinetti meccanici per aste a ricircolo di sfere
## Ball mechanical screw jacks

NEW



**Per scoprire tutte le configurazioni accedi al Configuratore online**

***To discover all configurations, access the online Configurator***

- Carter in alluminio per le taglie 2.5 - 5 - 10 - 25
- Carter in ghisa per le taglie 50 e 100
- Viti senza fine: acciaio cementato e temprato con profili rettificati
- Madrevite rotanti in bronzo GB-CuSn12 DIN 17656
- Viti trapezoidali (Tr): C45 rullate
- Tubo di protezione di serie in alluminio
- Ingrassatore per la lubrificazione dello stelo su tutte le versioni
- Disponibile nella versione traslante e rotante

- *Aluminium casing for sizes 2.5 - 5 - 10 - 25*
- *Cast iron casing for sizes 50 and 100*
- *Worm screws: steel case-hardened and hardened with ground profiles*
- *Bronze rotating lead screws GB-CuSn12 DIN 17656*
- *Trapezoidal screws (Tr): C45 rolled*
- *Standard protection tube made of aluminum*
- *Grease fitting for stem lubrication available on all versions*
- *Available in the translating and rotating version*

| Grandezza *Sizes* | Carico massimo *Maximum load* |
|---|---|
| UP 2.5 | 2.5kN |
| UP 5 | 5kN |
| UP 10 | 10kN |
| UP 25 | 25kN |
| UP 50 | 50kN |
| UP 100 | 100kN |

- Carter: ghisa sferoidale con fosfatazione al manganese
- Viti senza fine: acciaio cementato e temprato con profili rettificati
- Madrevite rotanti in bronzo GB-CuSn12 DIN 17656
- Viti trapezoidali (Tr): C45 rullate
- Tubo di protezione di serie in alluminio
- Ingrassatore per la lubrificazione dello stelo su tutte le versioni
- Disponibile nella versione traslante e rotante

In applicazioni soggette a carico di punta dove non è possibile ottenere la corsa voluta, in alternativa alla selezione di una taglia superiore, è possibile applicare aste maggiorate "AM".
I carichi massimi delle versioni ad asta maggiorata restano gli stessi della versione standard.

- *Casing: spheroidal cast iron with manganese phosphatin*
- *Worm screws: steel case-hardened and hardened with ground profiles*
- *Bronze rotating lead screws GB-CuSn12 DIN 17656*
- *Trapezoidal screws (Tr): C45 rolled*
- *Standard protection tube made of aluminum*
- *Grease fitting for stem lubrication available on all versions*
- *Available in the translating and rotating version*

*In applications subject to buckling load where it is not possible to achieve the desired stroke, an alternative to selecting a larger size is the use of oversized rods "AM". The maximum loads for the oversized rod versions remain the same as for the standard version.*

| Grandezza *Sizes* | Carico massimo *Maximum load* |
|---|---|
| DHT183 | 5kN |
| DHT184 | 5kN |
| DHT204 | 10kN |
| DHT306 | 25kN |
| DHT407 | 50kN |
| DHT559 | 100kN |
| DHT7010 | 200kN |
| DHT8010 | 250kN |

- Carter: ghisa sferoidale
- Viti senza fine (VSF): acciaio cementato e temprato profili rettificati
- Ruota elicoidale: bronzo GB-CuSn12 DIN 17656

- *Casing: spheroidal cast iron*
- *Worm screws (VSF): steel case-hardened and hardened with ground profiles*
- *Helical gear: bronze GB-CuSn12 DIN 17656*

| Grandezza *Sizes* | Diametro Albero Cavo *Hollow shaft diameter* |
|---|---|
| HS70 | Ø48 mm |
| HS100 | Ø72 mm |
| HS120 | Ø105 mm |

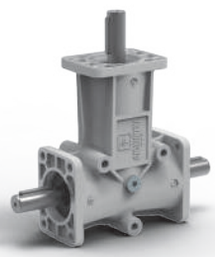
**Per tutti i dati tecnici scarica il catalogo**

***For all the technical data, download the catalog***

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# Rinvii angolari

## DZ



- 5 grandezze: DZ1, DZ2, DZ3, DZ4 e DZ5
- 2 rapporti: 1/1 e 1/2;
- 2 o 1 prese moto uscita;
- 1 flangia ingresso e 2 flange uscita. Solo per le grandezze 1 e 2 è disponibile la versione con 1 sola flangia uscita

Caratteristiche comuni a tutta la serie sono:
- Carter monoblocco in lega di alluminio predisposta per il fissaggio in 3 punti o, in alternativa, alle 2 o 3 flange in corrispondenza delle prese moto
- Coppia Conica Spiroidale GLEASON in acciaio al Nichel Cromo con trattamento di Cementazione - Tempra

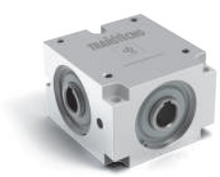
## ZP



- 4 grandezze: ZP1 ZP2, ZP3 e ZP4
- 3 rapporti: 1/1 , 1/2 e 1/3 (dalla grandezza 2)
- 2 o 1 prese moto uscita;
- 1 flangia ingresso e 2 flange uscita.
- 2 flange ingresso e 2 flange uscita solo per ZP2

Caratteristiche comuni a tutta la serie sono:
- Carter monoblocco in lega di alluminio predisposta per il fissaggio in 4 punti o, in alternativa, alle flange in corrispondenza delle prese moto
- Coppia Conica Spiroidale GLEASON in acciaio al Nikel Cromo con trattamento di Cementazione - Tempra

## BB



- 2 grandezze: BB50 e BB90
- 5 rapporti: 1/1, 1/1.5, 1/2, 1/3 e 1/4 per BB50; 1/1 per BB90
- 2 o 1 prese di moto in uscita;

Caratteristiche comuni a tutta la serie sono:
- Carter monoblocco in lega di alluminio
- Coppia Conica Spiroidale GLEASON in acciaio al Nikel Cromo con trattamento di Cementazione - Tempra

## QB



- 8 grandezze: 54 , 86 , 110 , 134 , 166 , 200 , 250 e 350
- 5 rapporti: 1/1 , 1/1.5 , 1/2 , 1/3 e 1/4;
- Da 1 fino a 5 presa moto uscita;

Caratteristiche comuni a tutta la serie sono:
- Carter e torretta in lega di alluminio ricavati da trafilato o fusione (tranne QB 350 in ghisa) predisposta con 4 fori filettati per il fissaggio su ciascuna delle 6 facce
- Coppia Conica Spiroidale GLEASON in acciaio al Nichel Cromo con trattamento di Cementazione - Tempra

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## *Right-angle bevel gearboxes*

- *5 sizes: DZ1, DZ2, DZ3, DZ4 and DZ5*
- *2 ratios: 1/1 and 1/2;*
- *2 or 1 output power take-off;*
- *1 input flange and 2 output flanges. Only for sizes 1 and 2 the version with only 1 output flange is available*

*Common features throughout the series are:*
- *One-piece aluminium alloy casing prepared for 3-point fixing or, alternatively, 2 or 3 flanges at the power take-off*
- *GLEASON spiral bevel gear in Nickel Chrome steel with Case hardening treatment*

| Grandezza *Sizes* | Diametro Coppia massima *Max torque* |
|---|---|
| DZ1 | 4.7 Nm |
| DZ2 | 16.5 Nm |
| DZ3 | 53 Nm |
| DZ4 | 90 Nm |
| DZ5 | 120 Nm |

- *4 sizes: ZP1 ZP2, ZP3 and ZP4*
- *3 ratios: 1/1 , 1/2 and 1/3 (from size 2)*
- *2 or 1 output power take-off;*
- *1 input flange and 2 output flanges.*
- *2 input and 2 output flanges only for ZP2*

*Common features throughout the series are:*
- *One-piece aluminium alloy casing prepared for 4- point fixing or, alternatively, to flanges at the power take-off*
- *GLEASON spiral bevel gear in Nickel Chrome steel with Case*

| Grandezza *Sizes* | Diametro Coppia massima *Max torque* |
|---|---|
| ZP1 | 7.5 Nm |
| ZP2 | 26 Nm |
| ZP3 | 90 Nm |
| ZP4 | 90 Nm |

- *2 sizes: BB50 and BB90*
- *5 ratios: 1/1, 1/1.5, 1/2, 1/3 and 1/4 for BB50; 1/1 for BB90*
- *2 or 1 output power take-off;*

*Common features throughout the series are:*
- *One-piece aluminium alloy casing*
- *GLEASON spiral bevel gear in Nickel Chrome steel with Case hardening treatment*
- *Carbon steel hollow shafts*

| Grandezza *Sizes* | Diametro Coppia massima *Max torque* |
|---|---|
| BB50 | 31 Nm |
| BB90 | 47 Nm |

- *8 sizes: 54, 86, 110, 134, 166, 200, 250 and 350*
- *5 ratios: 1/1 , 1/1.5 , 1/2 , 1/3 and 1/4;*
- *From 1 to 5 output power take-off;*

*Common features throughout the series are:*
- *Casing and bell housing in drawn or cast aluminium alloy (except for QB 350 in cast iron) fitted with 4 threaded holes for fixing on each of the 6 sides*
- *GLEASON spiral bevel gear in Nickel Chrome steel with Case hardening treatment*
- *Carbon steel shafts available*

| Grandezza *Sizes* | Diametro Coppia massima *Max torque* |
|---|---|
| QB54 | 27 Nm |
| QB86 | 72 Nm |
| QB110 | 140 Nm |
| QB134 | 260 Nm |
| QB166 | 610 Nm |
| QB200 | 1250 Nm |
| QB250 | 2500 Nm |
| QB350 | 6650 Nm |

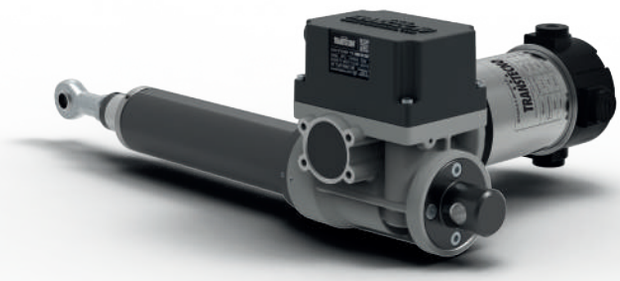
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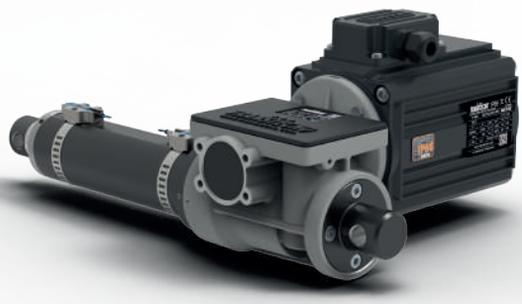
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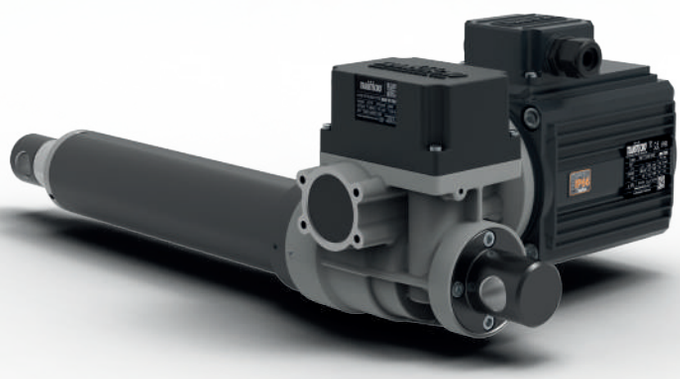
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# AT

## Attuatori Lineari
## Linear actuators







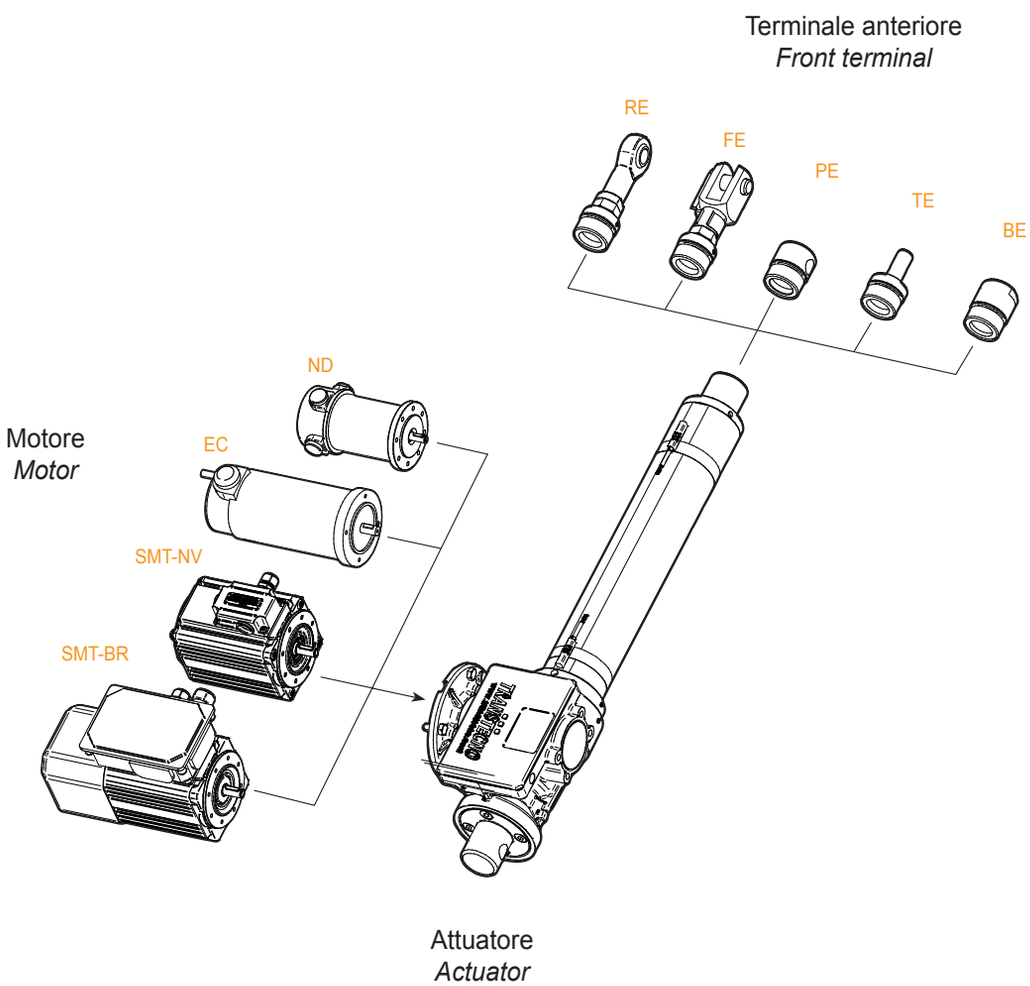
**Per scoprire tutte le configurazioni accedi al Configuratore online**

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- Carcassa riduttore in alluminio pressofuso
- Ingranaggio a vite senza fine con vite in acciaio cementa to, temprato e rettificato(16MnCr5)
- Ruota in bronzo G-CuSn12
- Vite trapezia con filettatura ISO 2901...2904 in acciaio C45 rullato
- Asta traslante in acciaio cromato
- Tubo di protezione con specifico profilo di alluminio estruso e anodizzato
- Flange motore in accordo con standard IEC B14 e B5

- *Die cast aluminium housing*
- *Worm gear pair with case hardened ground worm (16MnCr5)*
- *G-CuSn12 bronze worm wheel*
- *Trapezoidal screw with ISO 2901...2904 thread in C45 rolled steel*
- *Chromed steel translating rod*
- *Protecting tube with specific profile in extruded and anodyzed aluminium*
- *Motor flanges according to IEC B14 and B5 standard*

| **Grandezza** ***Sizes*** | Carico dinamico max *Max. dynamic load [N]* |
|---|---|
| **AT06** | **6000 N** |
| **AT12** | **12000 N** |
| **AT18** | **18000 N** |




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