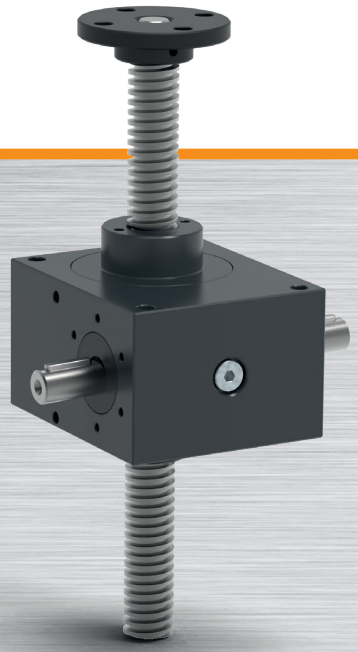
TRANSTECNO®
the modular gearmotor

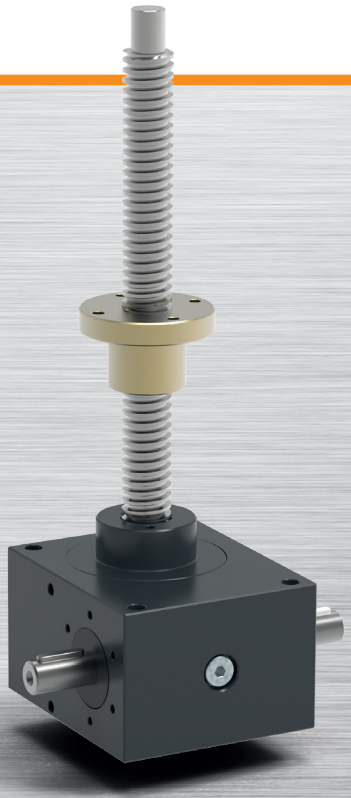
DHT

DHT

Screw Jacks

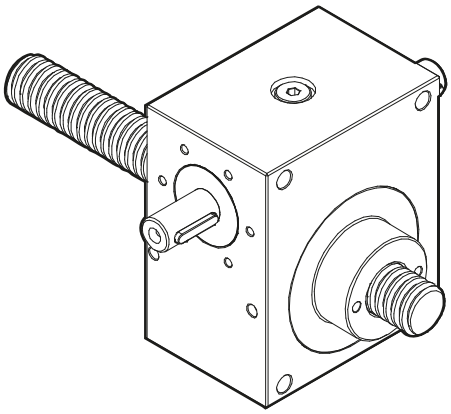
Martinetti a vite trapezia
Trapezoidal screw jacks



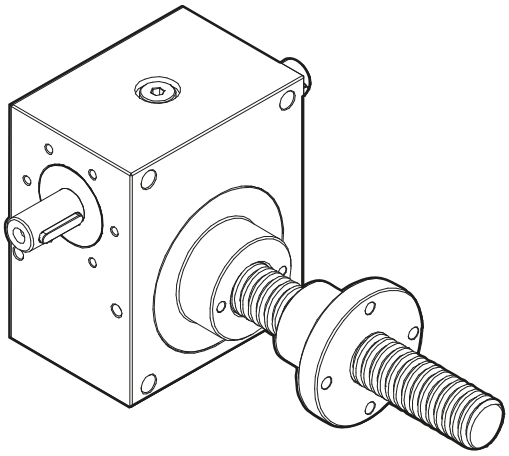


DRAINTECH division

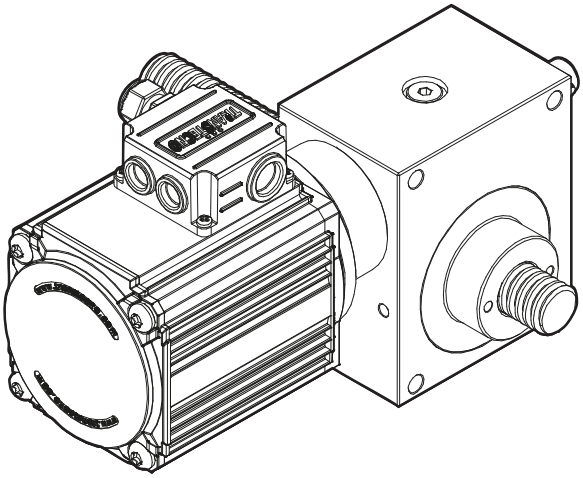
DHT..T
Traslante
Translating



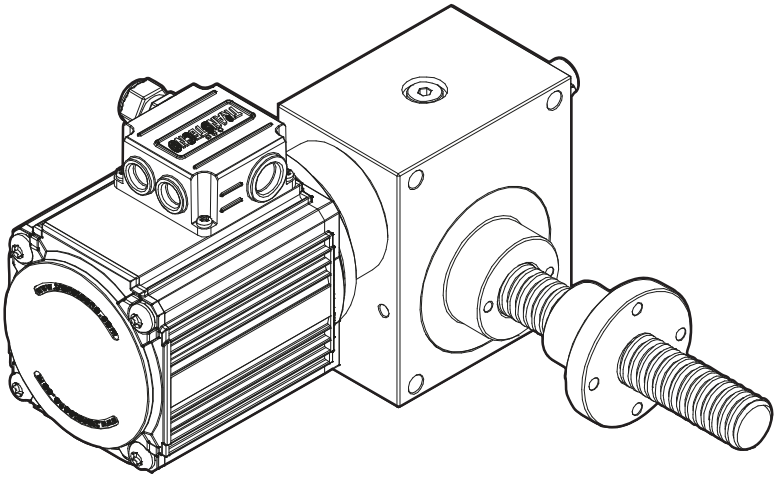
DHT..R
Rotante
Rotating

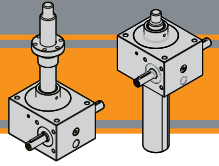


DHT..T
Motorizzato
Motorized



DHT..R
Motorizzato
Motorized





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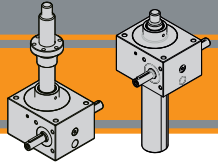


Caratteristiche generali

General features

La nuova serie di martinetti di sollevamento meccanici a vite trapezia o con vite a ricircolo di sfere TRANSTECNO, denominata DHT, è un prodotto la cui modularità è stata spinta all'estremo unita-mente alle sue prestazioni.
Il know-how aziendale nella progettazione e costruzione di ruote dentate e viti senza fine ci ha permesso di ottimizzare i profili dell'ingranaggio ruota per vite senza fine e vite senza fine , massimizzando i rendimenti di ingranamento, la durata e la resistenza degli ingranaggi.
Il prodotto è rigorosamente made in Italy e l'impiego di materiali con alte prestazioni meccaniche quali

- Carter: ghisa sferoidale con fosfatazione al manganese
- Viti senza fine: acciaio cementato e temprato con profili rettificati
- Corone: bronzo GB-CuSn12 DIN 17656
- Viti trapezoidali (Tr): C45 rullate
- Per tutle le versioni ingrassatore per la lubrificazione dello stelo

lo posiziona ai più alti standard qualitativi disponibili sul mercato.

L'accoppiamento con i motori elettrici è garantito grazie alla predisposizione con flange IEC B5 e B14.

TRANSTECNO's new series of mechanical trapezoidal screw screw jacks, called DHT, is a product whose modularity has been pushed to the extreme along with its performance.
The company's know-how in the design and construction of toothed gears and worm screws has enabled us to optimise the gear wheel profiles for worm screws, maximising gearing efficiency, durability and strength.

The product is strictly made in Italy and uses materials with high mechanical performance such as

- *Casing: spheroidal cast iron with manganese phosphating*
- *Worm screws: steel case-hardened and hardened with ground profiles*
- *Crowns: bronze GB-CuSn12 DIN 17656*
- *Trapezoidal screws (Tr): C45 rolled*
- *For translating versions, grease fitting for stem lubrication*

it ranks at the highest quality standard available on the market.

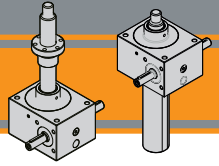
Coupling with electric motors is ensured by the set-up with IEC B5 and B14 flanges.

Caratteristiche generali / *General features*

Taglia ***Size***			**183B**	**184B**	**204B**	**306B**	**407B**	**559B**	**7010B**	**8010B**
Carico massimo *Maximum load*	[kN]		5	5	10	25	50	100	200	250
Asta trapezia: diametro x passo *Trapezoidal rod: diameter x pitch*	[mm]		18x3	18x4	20x4	30x6	40x7	55x9	70x10	80x10
Rapporto di riduzione *Ratio of reduction*	[mm]	veloce *fast*	1/5	1/5	1/5	1/5	1/5	1/5	1/5	1/5
		normale *normal*	1/20	1/20	1/10	1/10	1/10	1/10	1/10	1/10
		lento *slow*			1/30	1/30	1/30	1/30	1/30	1/30
Corsa asta per giro ruota *Rod stroke per wheel revolution*	[mm]		3	4	4	6	7	9	10	10
Rendimento *Efficiency*	[%]	veloce *fast*	0.28	0.29	0.28	0.27	0.27	0.26	0.22	0.19
		normale *normal*	0.22	0.23	0.26	0.26	0.26	0.22	0.21	0.18
		lento *slow*			0.2	0.21	0.22	0.19	0.18	0.16
*Coppia a vuoto * Idling torque*	[Nm]	veloce *fast*	0.1	0.1	0.25	0.4	0.65	2.2	3.5	3.5
		normale *normal*	0.1	0.1	0.2	0.3	0.45	1.7	2.7	2.7
		lento *slow*			0.15	0.25	0.35	1	2	2
Peso vite trapezia per 100mm *Trapezoidal screw weight per 100 mm*	[kg]		0.16	0.16	0.22	0.5	0.9	1.7	2.8	3.45
Peso martinetto (vite esclusa) *Weight of screw jack (excluding screw)*	[kg]		2	2	4	10	18	34	56	62

* Il valore riportato in tabella è da considerarsi dopo la fase di rodaggio.

** The value shown in the table is to be considered after the running-in phase*



Designazione — *Designation*

MARTINETTI DHT / DHT SCREW JACKS

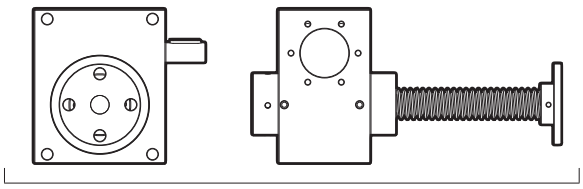
DHT	306B	T	400	R105	TP	AB	FC	56B14
Tipo *Type*	Taglia *Size*	Versione martinetto *Screw jack version*	Corsa *Stroke*	Rapporto di riduzione *Reduction ratio*	Terminale *Terminal*	Forma costruttiva *Constructive form*	Accessori *Accessories*	Grandezza flangia motore *Motor flange size*
DHT	**183B** **184B** **204B** **306B** **407B** **559B** **7010B** **8010B**	**T** Traslante con vite trapezia *Translating with trapezoidal screw* **R** Rotante con vite trapezia *Rotating with trapezoidal screw* **VT *** Traslante con vite a ricircolo di sfere *Translating with ball screw* **VR *** Rotante con vite a ricircolo di sfere *Rotating with ball screw*		**R105** 1:05 **R110** 1:10 **R120** 1:20 **R130** 1:30	**TP** **TS** **TL** **TF** **TO** **TFC** **TOC** **TMR** **TC** **ST** E2 pag.	**AD** **AS** **AB** **FSA** **FDA** **FD** **FS**	**PO** **PR** **PRO** **AS** **PE** **ARE** **FCO** **CSU** **RGT** **RGR** **RGR BIG** **MLS** E2 pag.	

* a richiesta / *on demand*

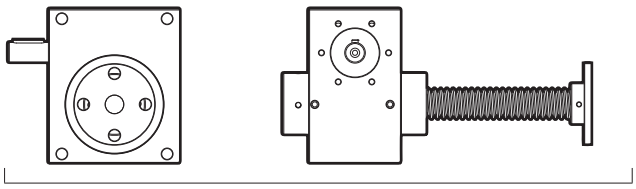
Forma costruttiva — *Constructive forms*

Per definizione la forma costruttiva è identificata osservando il martinetto con il terminale rivolto verso l'osservatore. In questo modo sono identificabili le posizioni a destra o a sinistra sia degli alberi sia delle flange

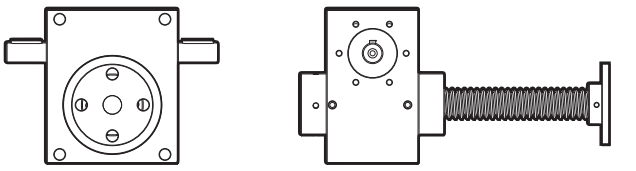
By definition, the construction form is identified by observing the screw jack with the end facing the observer. In this way, the left or right positions of both shafts and flanges can be identified



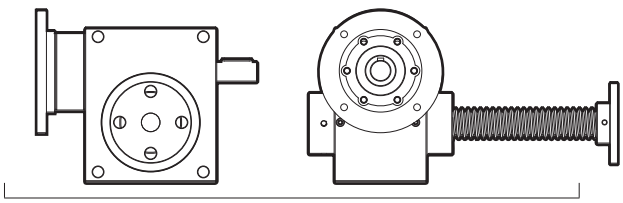
AD
Albero a destra / *Right-hand shaft*



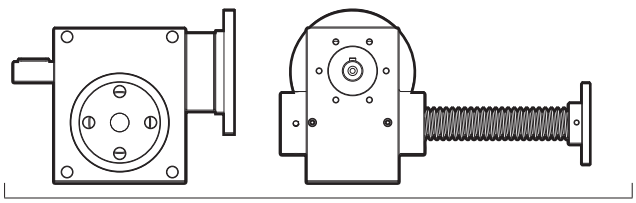
AS
Albero a sinistra / *Left-hand shaft*



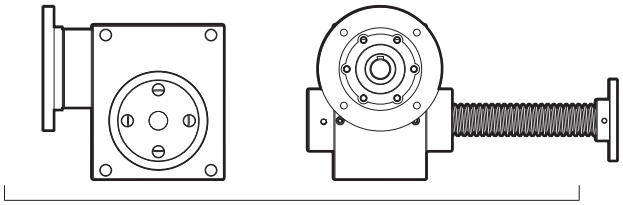
AB
Albero bisporgente / *Double ended shaft*



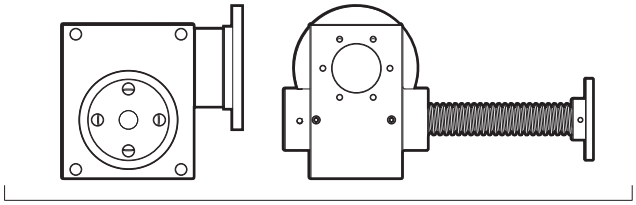
FSA
Flangia a sinistra + albero / *Left flange + shaft*



FDA
Flangia a destra + albero / *Right flange + shaft*



FS
Flangia a sinistra / *Left flange*



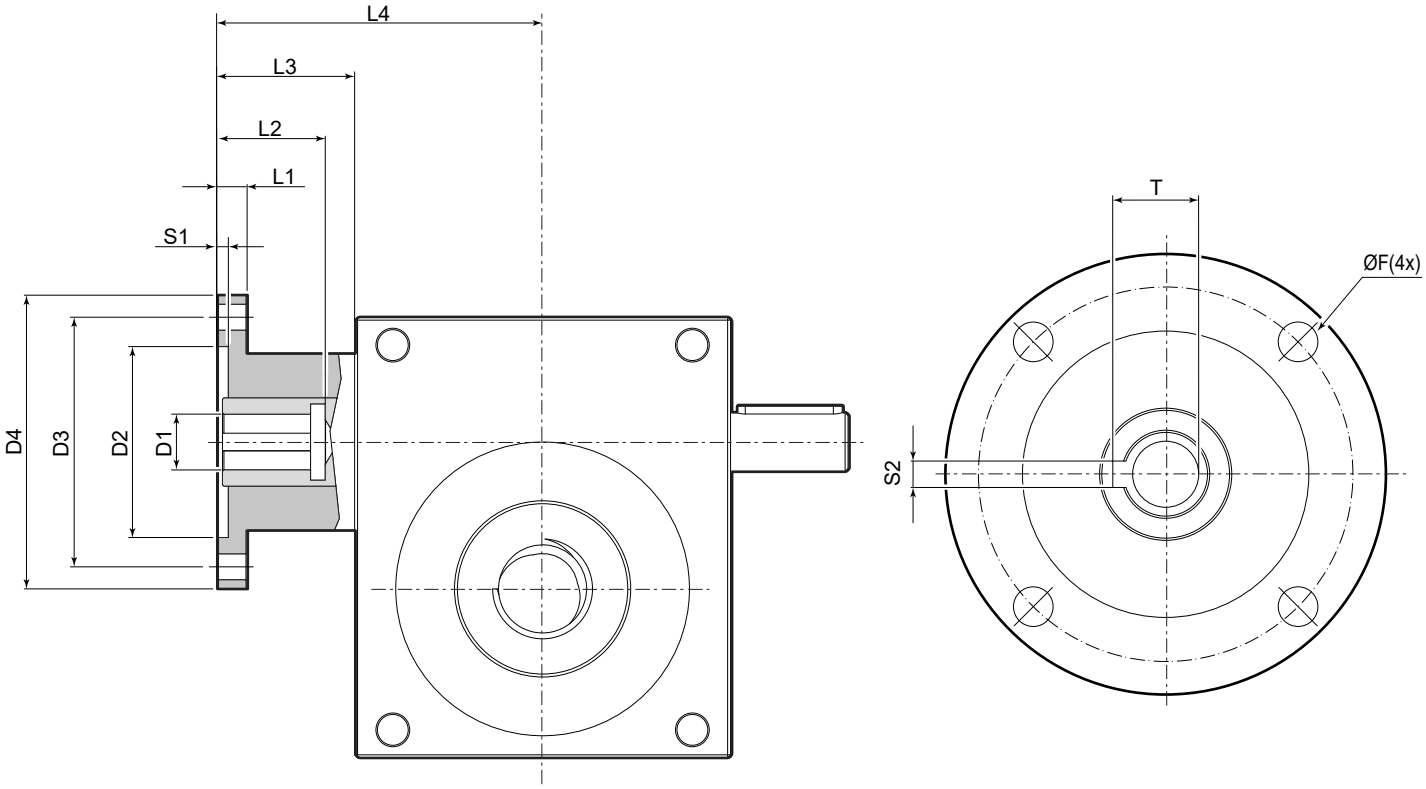
FD
Flangia a destra / *Right flange*

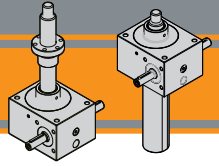
Motori applicabili

Applicable motors

Tutti i nostri martinetti sono fornibili nella loro versione motorizzata. Abbiamo pertanto reso disponibile una vasta gamma di predisposizioni attacco motore corrispondenti agli standard IEC fino alla 132 in B5 e B14.

All our screw jacks are available in their motorised version. We have therefore made available a wide range of motor connection arrangements corresponding to IEC standards up to 132 in B5 and B14.





Motori applicabili

Applicable motors

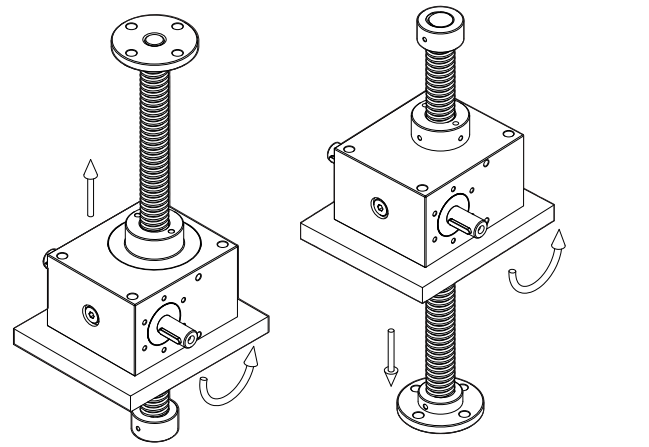
Flange motore IEC / *IEC motor flanges*													
Taglia *Size*	**Flangia *Flange***	**D1 H7**	**D2 H7**	**D3**	**D4**	**ØF**	**L3**	**L1**	**L2**	**L4**	**S1**	**S2**	**T**
183B/184B	56 B5	9	80	100	120	6.6	70.5	9,5	38.5	106.5	6	3	10.4
	63 B5	11	95	115	140	9.0	70.5	9,5	42.5	106.5	6	4	12.8
	63 B14	11	60	75	90	5.5	70.5	6	42.5	106.5	6	4	12.8
204B	56 B5	9	80	100	120	6.6	43.0	9,5	40	92	6	3	10.4
	63 B5	11	95	115	140	9.0	43.0	9,5	40	92	6	4	12.8
	63 B14	11	60	75	90	5.5	43.0	6.0	40	92	6	4	12.8
	71 B5	14	110	130	160	9.0	43.0	9,5	40	92	6	5	16.3
	71 B14	14	70	85	105	8.0	43.0	9,5	40	92	6	5	16.3
306B	63 B5	11	95	115	140	9.0	47.5	10.0	45	111.5	4.0	4	12.8
	63 B14	11	60	75	90	5.5	47.0	6.0	45	111.0	6.0	4	12.8
	71 B5	14	110	130	160	9.0	46.0	10.0	45	110.0	4.0	5	16.3
	71 B14	14	70	85	105	8.0	47.0	9.0	45	111.0	4.0	5	16.3
	80 B5	19	130	165	200	11.0	48.5	10.0	45	112.5	4.0	6	21.8
	80 B14	19	80	100	120	6.6	48.5	10.0	45	112.5	4.0	6	21.8
	90B5	24	130	165	200	11.0	48.5	10.0	45	112.5	4.0	6	21.8
407B	71 B5	14	110	130	160	9.0	66.5	11.0	58	149	4.5	5	16.3
	71 B14	14	70	85	105	8.0	74.0	9.0	45	156.5	4.0	5	16.3
	80 B5	19	130	165	200	11.0	66.5	11.0	58	149	4.5	6	21.8
	80 B14	19	80	100	120	6.6	66.5	11.0	58	149	4.5	6	21.8
	90 B5	24	130	165	200	11.0	66.5	11.0	58	149	4.5	8	27.3
	90 B14	24	95	115	140	9.0	66.5	11.0	58	149	4.5	8	27.3
	100-112 B5	28	180	215	250	13.5	66.5	11.0	58	149	4.5	8	31.3
	100-112 B14	28	110	130	160	9.0	66.5	11.0	58	149	4.5	8	31.3
559B	71 B5	14	110	130	160	9.0	66.5	11.0	58	151.5	4.5	5	16.3
	71 B14	14	70	85	105	8.0	66.5	9.0	45	153.0	4.0	5	16.3
	80 B5	19	130	165	200	11.0	66.5	11.0	58	151.5	4.5	6	21.8
	80 B14	19	80	100	120	6.6	66.5	11.0	58	151.5	4.5	6	21.8
	90 B5	24	130	165	200	11.0	66.5	11.0	58	151.5	4.5	8	27.3
	90 B14	24	95	115	140	9.0	66.5	11.0	58	151.5	4.5	8	27.3
	100-112 B5	28	180	215	250	13.5	66.5	11.0	58	151.5	4.5	8	31.3
	100-112 B14	28	110	130	160	9.0	66.5	11.0	58	151.5	4.5	8	31.3
7010B	90 B5	24	130	165	200	11.0	83.0	11.0	75	198	4.5	8	31.3
	100-112 B5	28	180	215	250	13.5	83.0	13.5	75	198	6.5	8	31.3
	100-112 B14	28	110	130	160	9.0	83.0	13.5	75	198	6.5	8	31.3
	132 B5	Contattare il nostro Ufficio Tecnico / *Contact our Technical Department*											
	132 B14	38	130	165	200	11.0	83.0	11.0	85.5	198	4.5	10	41.3
8010B	90 B5	24	130	165	200	11.0	83.0	11.0	75	198	4.5	8	31.3
	100-112 B5	28	180	215	250	13.5	83.0	13.5	75	198	6.5	8	31.3
	100-112 B14	28	110	130	160	9.0	83.0	13.5	75	198	6.5	8	31.3
	132 B5	Contattare il nostro Ufficio Tecnico / *Contact our Technical Department*											
	132 B14	38	130	165	200	11.0	83.0	11.0	85.5	198	4.5	10	41.3

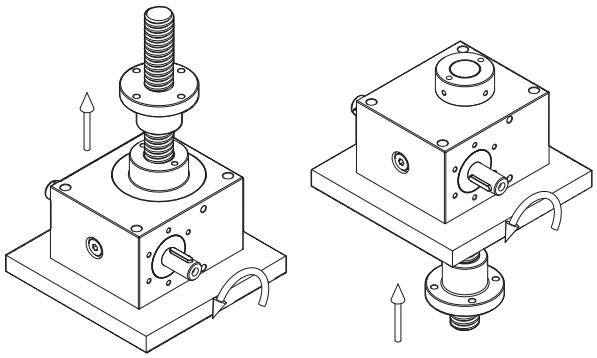
Direzione di rotazione e movimento

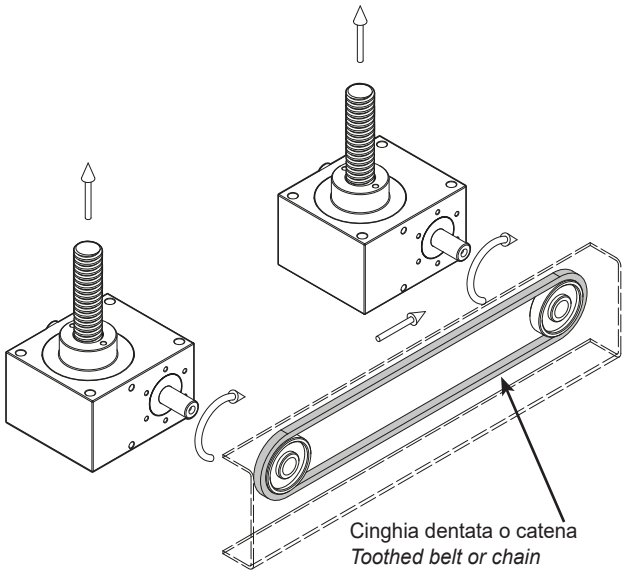
Direction of rotation and movement

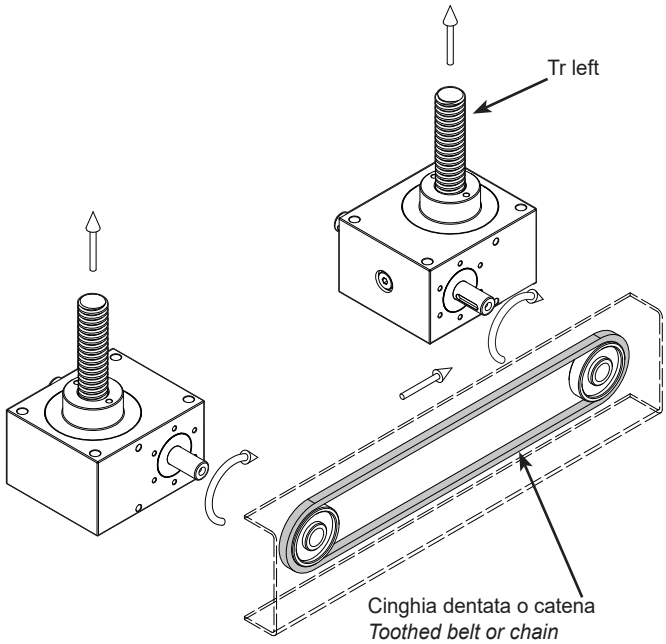
I martinetti standard vengono forniti con vite trapezia destra a cui corrispondono i sensi di rotazione e di movimento riportati nelle figure sottostanti.

Standard screw screw jacks are supplied with a right-hand trapezoidal screw to which correspond to the directions of rotation and movement shown in the figures below.









Sensi di rotazione sistemi multipli

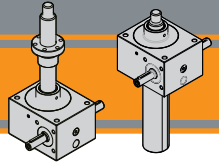
Multiple systems rotation directions

Nella realizzazione di un sistema a più martinetti, occorre fare attenzione alla direzione di rotazione dell'impianto.
Si consiglia di consultare i nostri schemi di montaggio standard.

In caso i rinvii angolari a 3 vie, la direzione di rotazione può essere modificata grazie alla semplice rotazione del rinvio stesso.

When constructing a multiple screw jack system, attention must be paid to the direction of rotation of the system.
Please refer to our standard assembly diagrams.

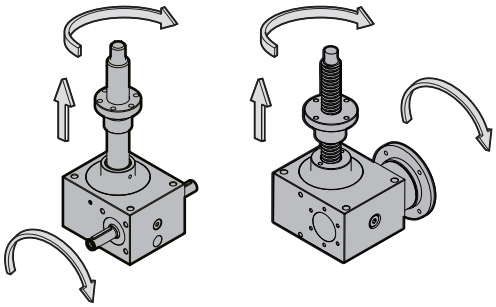
In the case of 3-way right-angle bevel gearboxes, the direction of rotation can be changed by simply turning the gearbox.



Schemi di montaggio

Assembly diagrams

Legenda
Legend



Martinetto
Screwjack

Tipo
Type

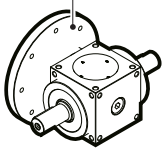
i

Rapporto
Ratio

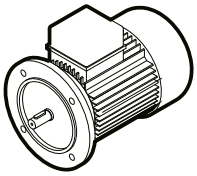
11 | 1:2

1:1
1:1,5
1:2
1:3
1:4

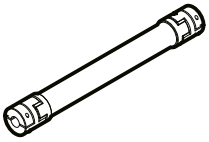
Rapporti Disponibili
Available Ratios



Rinvio Angolare (Consultare il catalogo serie QB)
Right-angle bevel gearbox (Consult the QB series catalog)



Motore
Motor

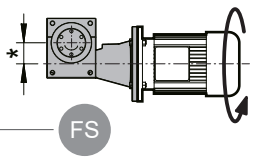


Albero di trasmissione
Transmission Shaft

Giunto
Coupling

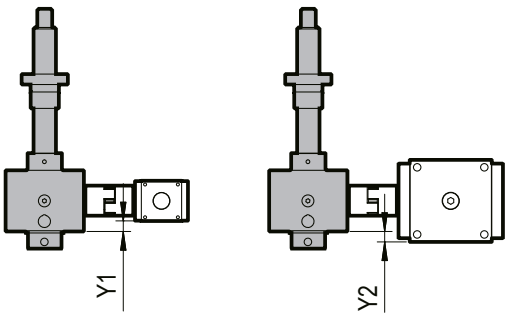
AB AS AD FSA FDA FS FD

ORIENTAMENTO FLANGIA MOTORE E ALBERI (vedi pag. B6)
DRIVE FLANGE AND SHAFTS ORIENTATION (see page B6)



NOTA: La quota "✱ " varia in funzione della taglia del martinetto / rinvio

NOTE: Dimension "✱" varies according to the size of the screw jack/right angle bevel gearbox

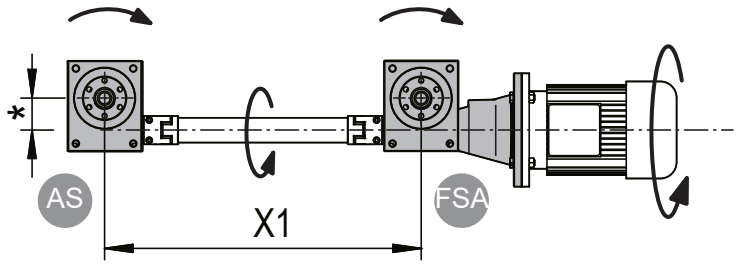


NOTA: Le quote Y1 e Y2 di altezza tra martinetto e rinvio possono avere differenti misure in funzione dei modelli di rinvio utilizzato.

NOTE: The amounts Y1 and Y2 being the height of the screw jack and right-angle bevel gearbox may have different measurements depending on the right-angle bevel gearbox models used.

Schemi di montaggio
2 martinetti

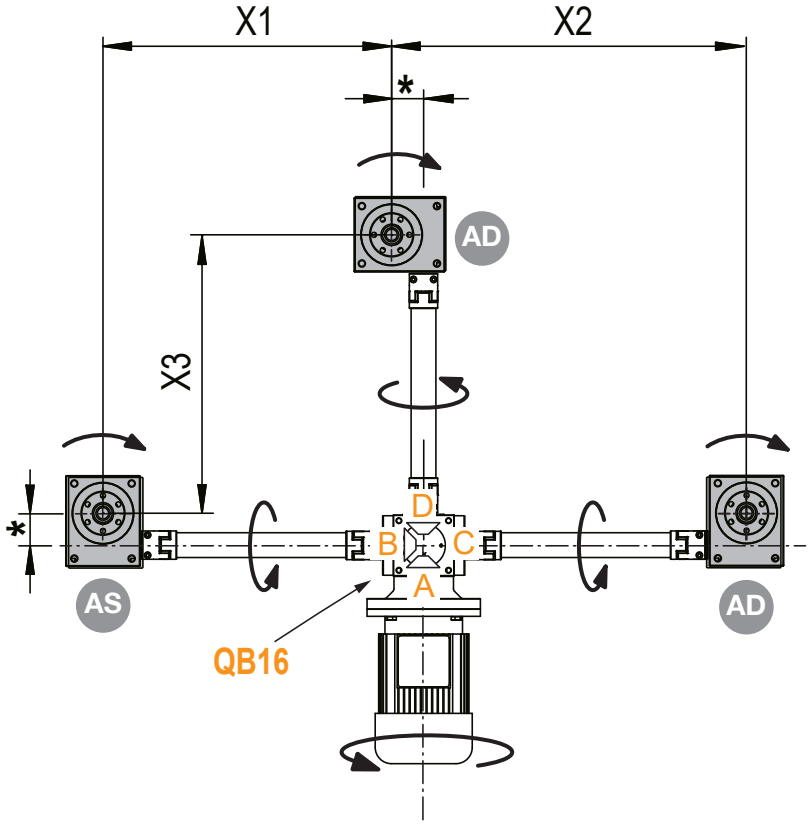
Assembly diagrams
2 screw jacks



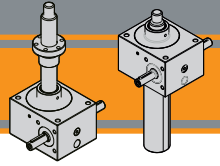
	2.A
Rendimento del sistema *System efficiency* η_c	0.95
Versione martinetto *Screw jack version*	**Qty**
AS	1
FSA	1

Schemi di montaggio
3 martinetti

Assembly diagrams
3 screw jacks

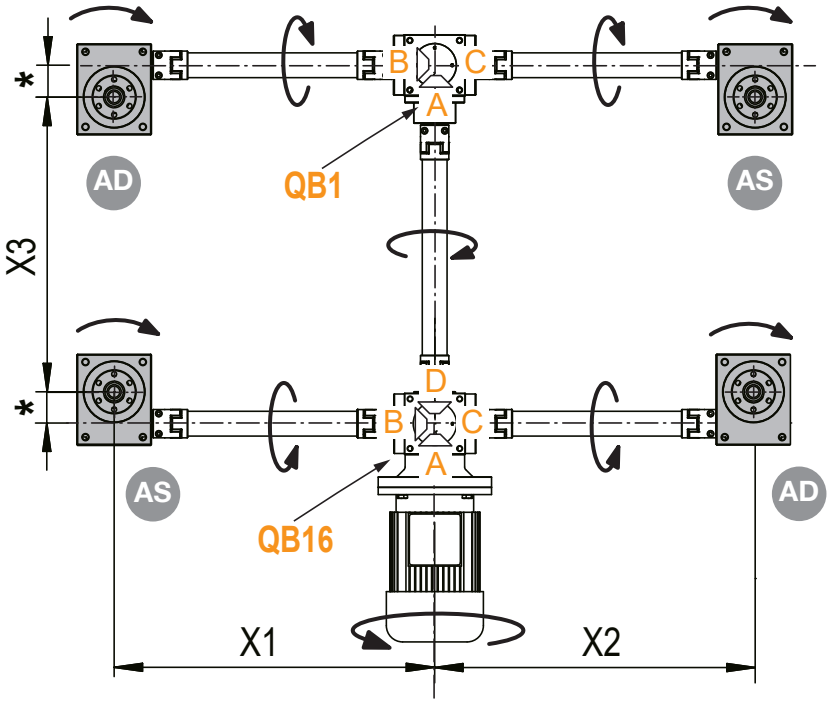


		3.F
Rendimento del sistema *System efficiency*	η_c	0.87
Versione martinetto *Screw jack version*		**Qty**
AS		1
AD		2
Rinvio angolare *Right-angle bevel gearbox*	**i**	**Qty**
QB16	1:1	1



Schemi di montaggio
4 martinetti

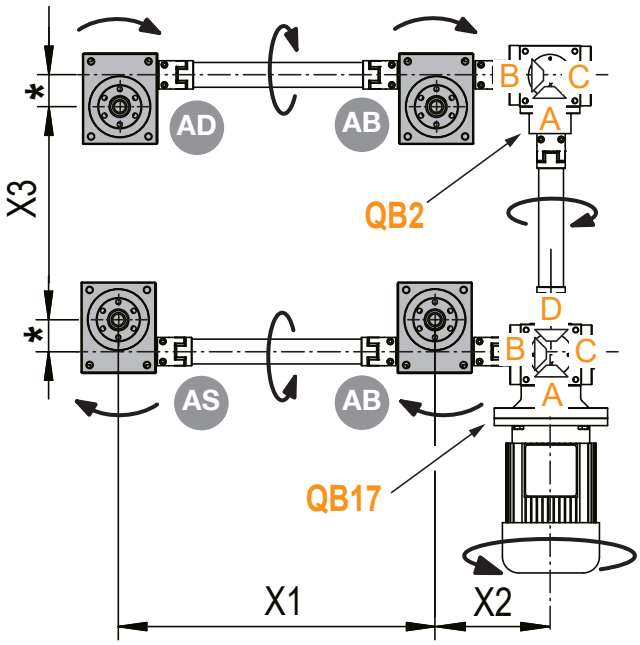
Assembly diagrams
4 screw jacks



		4.B
Rendimento del sistema *System efficiency*	η_c	0.80

Versione martinetto *Screw jack version*	Qty
AS	2
AD	2

Rinvio angolare *Right-angle bevel gearbox*	i	Qty
QB1	All	1
QB16	All	1



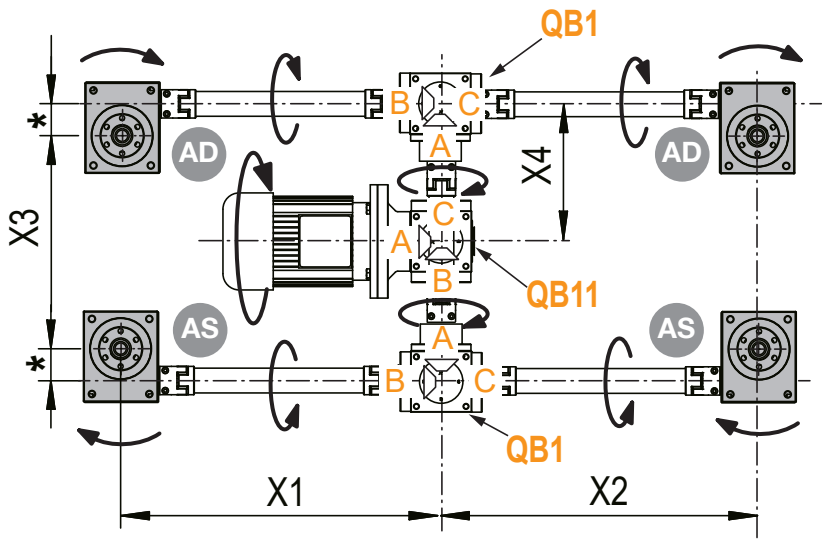
		4.C
Rendimento del sistema *System efficiency*	η_c	0.80

Versione martinetto *Screw jack version*	Qty
AB	2
AS	1
AD	1

Rinvio angolare *Right-angle bevel gearbox*	i	Qty
QB17	All	1
QB2	All	1

Schemi di montaggio
4 martinetti

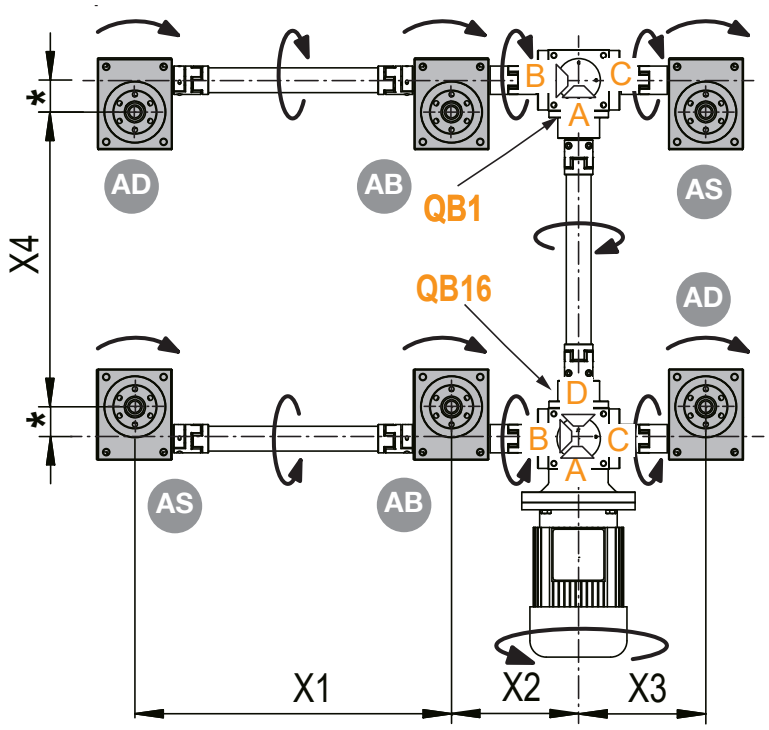
Assembly diagrams
4 screw jacks



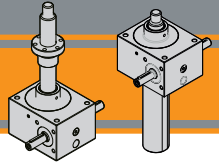
		4.E
Rendimento del sistema *System efficiency*	η_c	0.76
Versione martinetto *Screw jack version*		**Qty**
AS		2
AD		2
Rinvio angolare *Right-angle bevel gearbox*	**i**	**Qty**
QB11	All	1
QB1	All	2

Schemi di montaggio
6 martinetti

Assembly diagrams
6 screw jacks

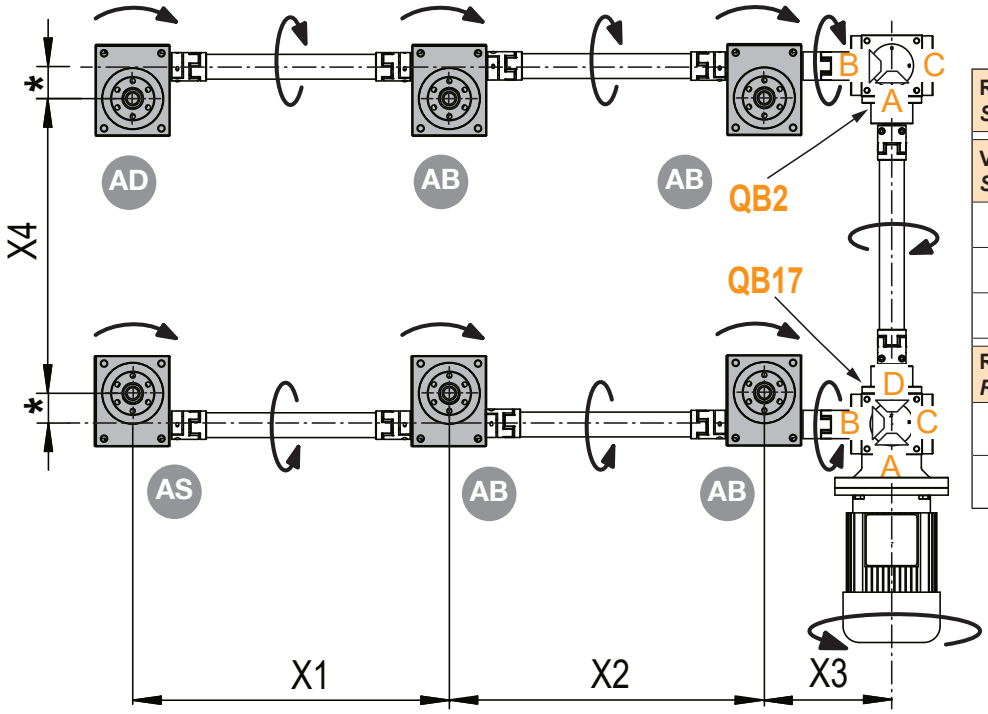


		6.B
Rendimento del sistema *System efficiency*	η_c	0.74
Versione martinetto *Screw jack version*		**Qty**
AB		2
AS		2
AD		2
Rinvio angolare *Right-angle bevel gearbox*	**i**	**Qty**
QB16	All	1
QB1	All	1



Schemi di montaggio
6 martinetti

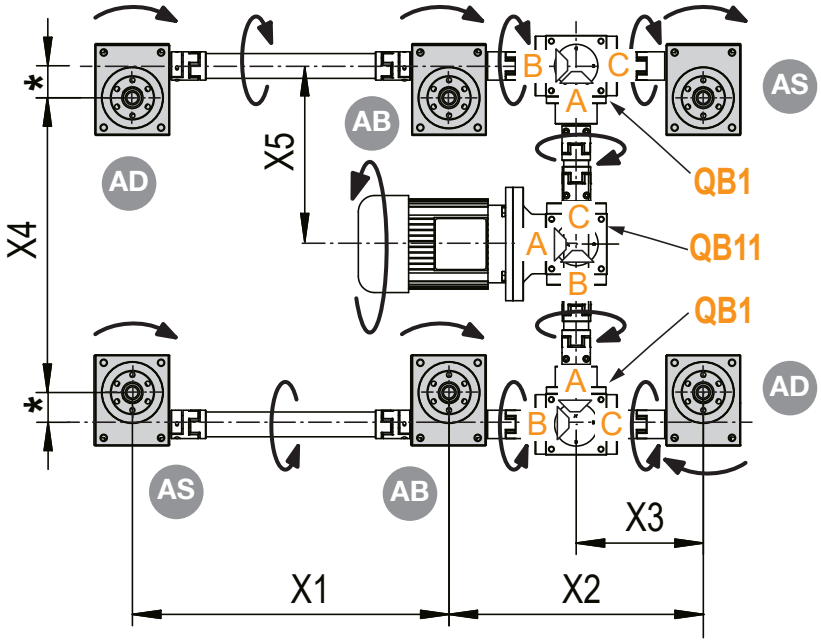
Assembly diagrams
6 screw jacks



		6.C
Rendimento del sistema *System efficiency*	η_c	0.74

Versione martinetto *Screw jack version*	Qty
AB	4
AS	1
AD	1

Rinvio angolare *Right-angle bevel gearbox*	i	Qty
QB17	All	1
QB2	All	1



		6.D
Rendimento del sistema *System efficiency*	η_c	0.71

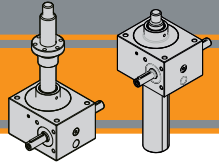
Versione martinetto *Screw jack version*	Qty
AB	2
AS	2
AD	2

Rinvio angolare *Right-angle bevel gearbox*	i	Qty
QB11	All	1
QB1	All	2

DHT 183B

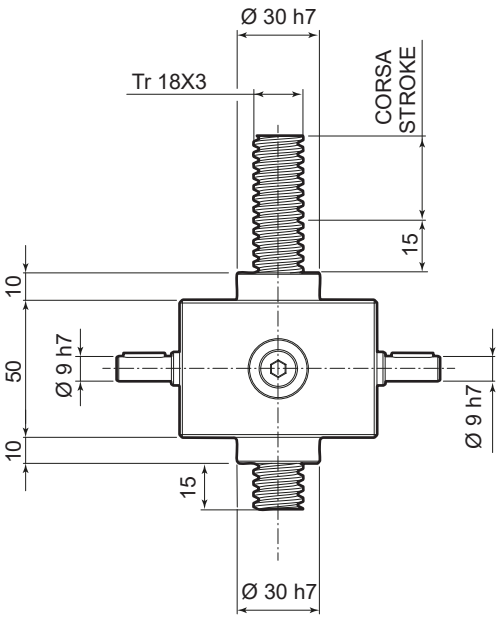
Carico / *Load* [kN]			5		4		3		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	**Velocità lineare** *Travelling speed* [mm/s]	**Giri in entrata** *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	15	1500	0.28	1.8	0.23	1.5	0.18	1.1	0.12	0.8	0.07	0.4	0.04	0.3
	10	1000	0.19	1.8	0.15	1.5	0.12	1.1	0.08	0.8	0.05	0.4	0.03	0.3
	7	700	0.13	1.8	0.11	1.5	0.08	1.1	0.06	0.8	0.03	0.4	0.02	0.3
	0.5	50	0.01	1.8	0.01	1.5	0.01	1.1	0.004	0.8	0.002	0.4	0.001	0.3

Carico / *Load* [kN]			5		4		3		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	**Velocità lineare** *Travelling speed* [mm/s]	**Giri in entrata** *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
20	3.8	1500	0.10	0.6	0.08	0.5	0.06	0.4	0.05	0.3	0.03	0.2	0.02	0.1
	2.5	1000	0.06	0.6	0.05	0.5	0.04	0.4	0.03	0.3	0.02	0.2	0.01	0.1
	1.8	700	0.04	0.6	0.04	0.5	0.03	0.4	0.02	0.3	0.01	0.2	0.01	0.1
	0.1	50	0.003	0.6	0.003	0.5	0.002	0.4	0.002	0.3	0.001	0.2	0.0007	0.1

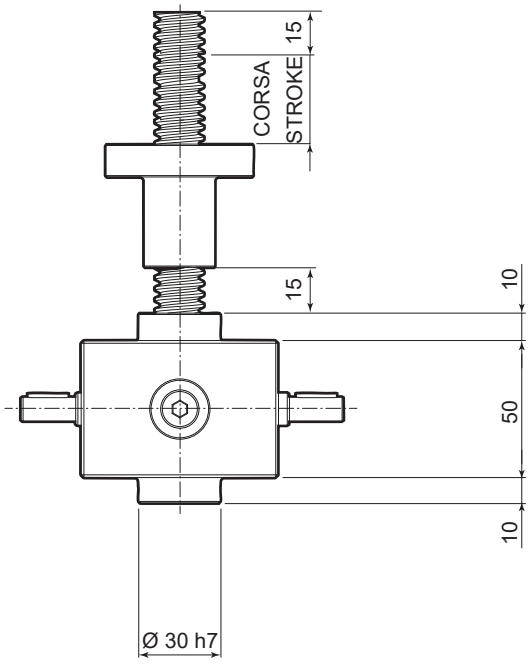


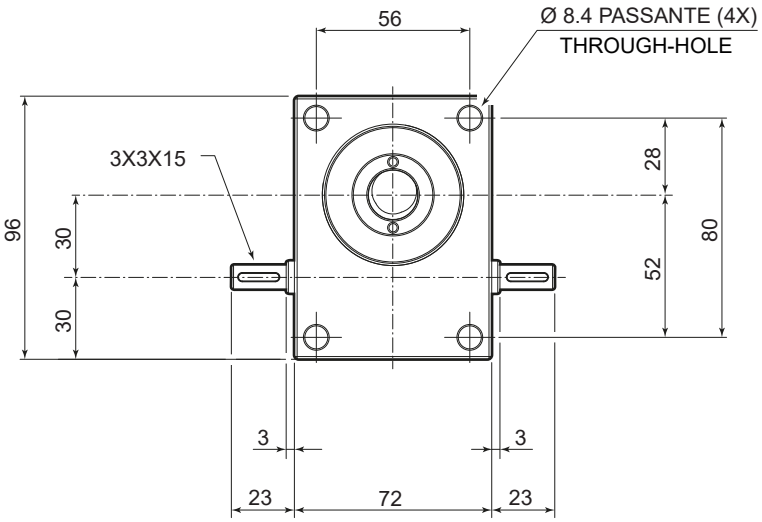
DHT 183B

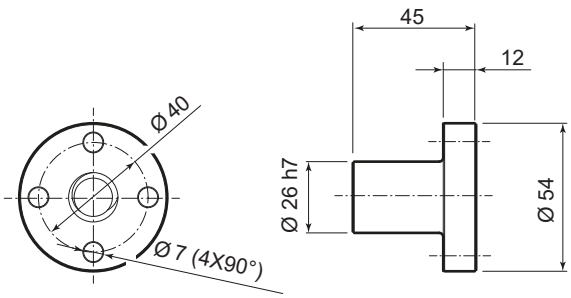
T


Ø 30 h7
Tr 18X3
CORSA
STROKE
15
10
50
10
Ø 9 h7
Ø 9 h7
15
Ø 30 h7

R


CORSA
STROKE
15
15
10
50
10
Ø 30 h7


56
Ø 8.4 PASSANTE (4X)
THROUGH-HOLE
3X3X15
96
30
30
28
52
80
3
3
23
72
23

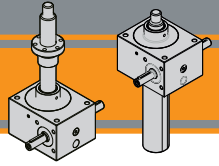

Ø 40
Ø 7 (4X90°)
45
12
Ø 26 h7
Ø 54

Dati tecnici *Technical data*

DHT 184B

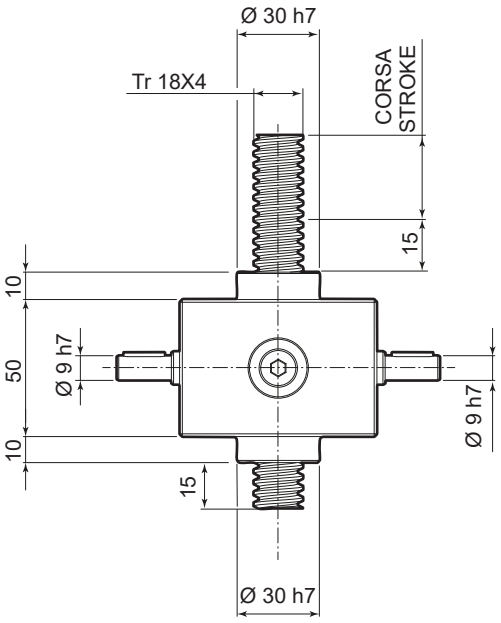
Carico / *Load* [kN]			5		4		3		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	**Velocità lineare** *Travelling speed* [mm/s]	**Giri in entrata** *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	20	1500	0.36	2.3	0.29	1.9	0.22	1.4	0.15	1.0	0.08	0.5	0.05	0.3
	13.3	1000	0.24	2.3	0.20	1.9	0.15	1.4	0.10	1.0	0.06	0.5	0.03	0.3
	9.3	700	0.17	2.3	0.14	1.9	0.10	1.4	0.07	1.0	0.04	0.5	0.02	0.3
	0.7	50	0.01	2.3	0.01	1.9	0.01	1.4	0.01	1.0	0.003	0.5	0.002	0.3

Carico / *Load* [kN]			5		4		3		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	**Velocità lineare** *Travelling speed* [mm/s]	**Giri in entrata** *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
20	5	1500	0.12	0.8	0.10	0.7	0.08	0.5	0.06	0.4	0.04	0.2	0.03	0.2
	3.3	1000	0.08	0.8	0.07	0.7	0.05	0.5	0.04	0.4	0.02	0.2	0.02	0.2
	2.3	700	0.06	0.8	0.05	0.7	0.04	0.5	0.03	0.4	0.02	0.2	0.01	0.2
	0.2	50	0.004	0.8	0.003	0.7	0.003	0.5	0.002	0.4	0.001	0.2	0.0009	0.2

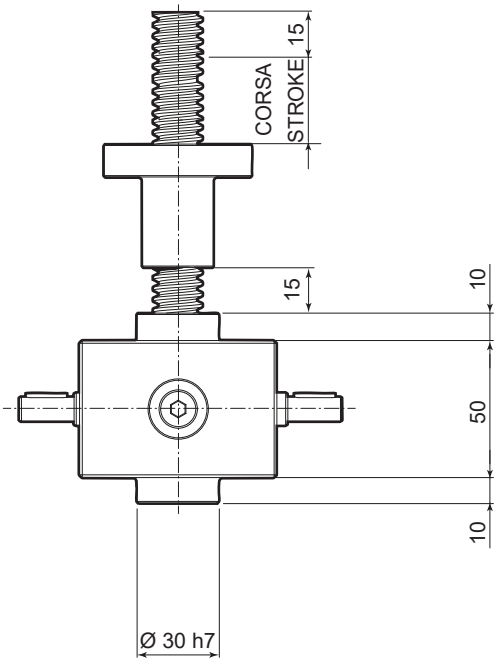


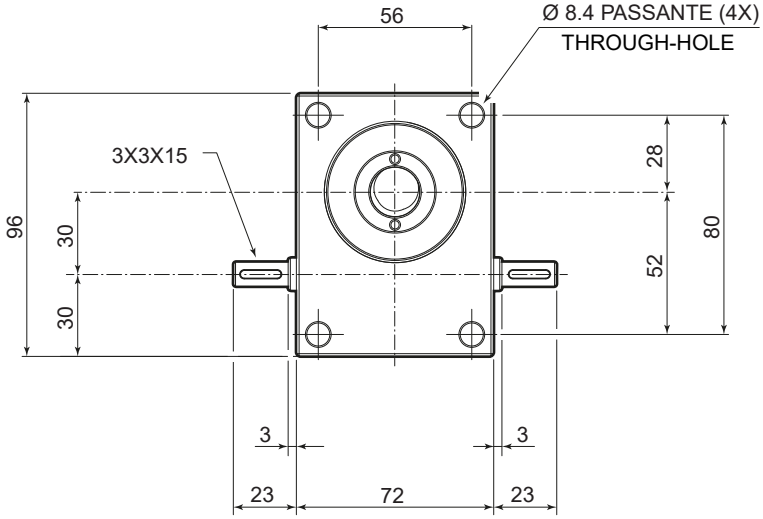
DHT 184B

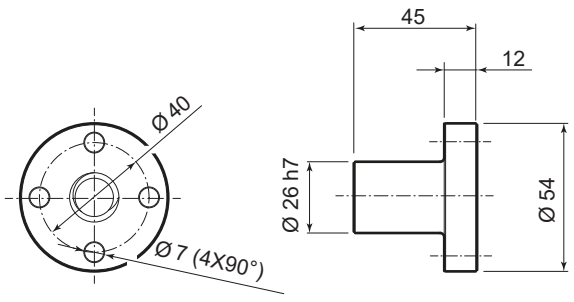
T


Ø 30 h7
Tr 18X4
CORSA
STROKE
15
10
50
10
Ø 9 h7
Ø 9 h7
15
Ø 30 h7

R


CORSA
STROKE
15
15
10
50
10
Ø 30 h7


56
Ø 8.4 PASSANTE (4X)
THROUGH-HOLE
3X3X15
96
30
30
28
52
80
3
3
23
72
23


Ø 40
Ø 7 (4X90°)
45
12
Ø 26 h7
Ø 54

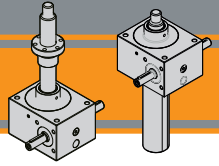
Dati tecnici *Technical data*

DHT 204B

Carico / *Load* [kN]			10		8		4		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	20.0	1500	0.8	5.0	0.6	4.0	0.3	2.0	0.2	1.0	0.1	1.0	0.1	0.5
	13.3	1000	0.5	5.0	0.4	4.0	0.2	2.0	0.1	1.0	0.1	1.0	0.05	0.5
	9.3	700	0.4	5.0	0.3	4.0	0.2	2.0	0.1	1.0	0.1	1.0	0.03	0.5
	0.7	50	0.03	5.0	0.02	4.0	0.01	2.0	0.006	1.0	0.003	1.0	0.002	0.5

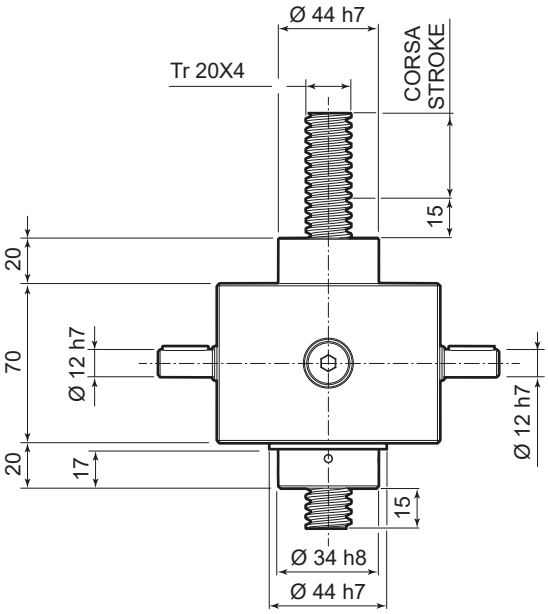
Carico / *Load* [kN]			10		8		4		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
10	10.0	1500	0.42	2.6	0.34	2.2	0.18	1.2	0.11	0.7	0.07	0.4	0.05	0.3
	6.7	1000	0.28	2.6	0.23	.2.2	0.12	1.2	0.07	0.7	0.05	0.4	0.03	0.3
	4.7	700	0.19	2.6	0.16	2.2	0.09	1.2	0.05	0.7	0.03	0.4	0.02	0.3
	0.3	50	0.01	2.6	0.01	2.2	0.01	1.2	0.003	0.7	0.002	0.4	0.002	0.3

Carico / *Load* [kN]			10		8		4		2		1		0.5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
30	3.3	1500	0.187	1.2	0.154	1.0	0.089	0.6	0.056	0.4	0.040	0.3	0.032	0.2
	2.2	1000	0.124	1.2	0.103	1.0	0.059	0.6	0.037	0.4	0.027	0.3	0.021	0.2
	1.6	700	0.087	1.2	0.072	1.0	0.041	0.6	0.026	0.4	0.019	0.3	0.015	0.2
	0.1	50	0.006	1.2	0.005	1.0	0.003	0.6	0.002	0.4	0.001	0.3	0.001	0.2

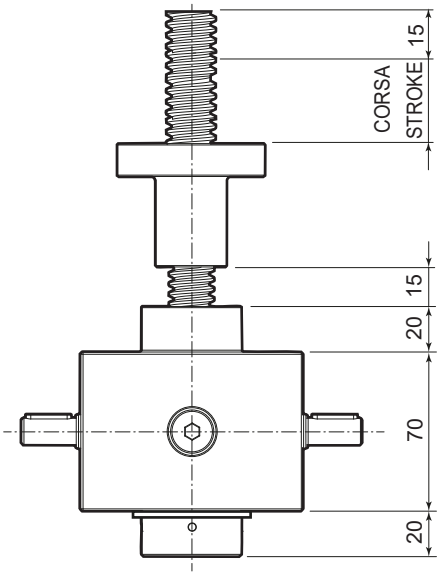


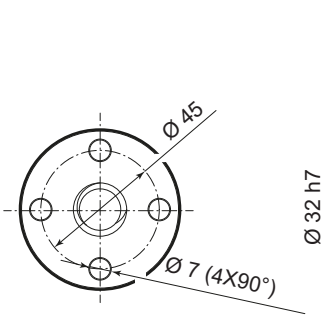
DHT 204B

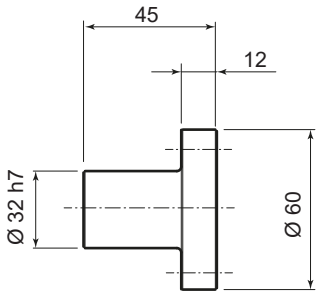
T

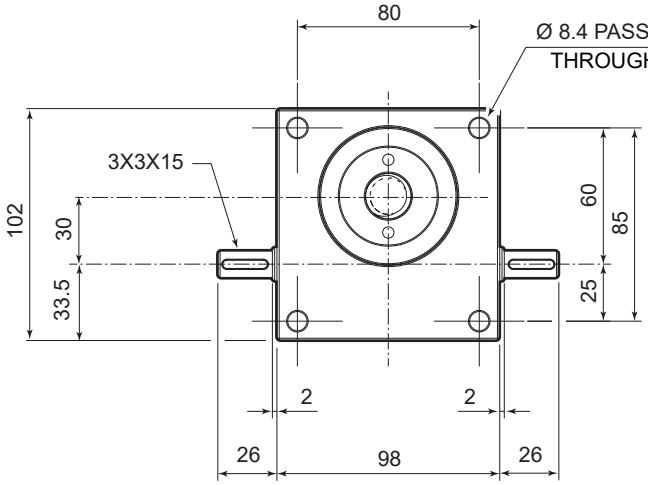

Ø 44 h7
Tr 20X4
CORSA
STROKE
15
20
70
Ø 12 h7
Ø 12 h7
20
17
15
Ø 34 h8
Ø 44 h7

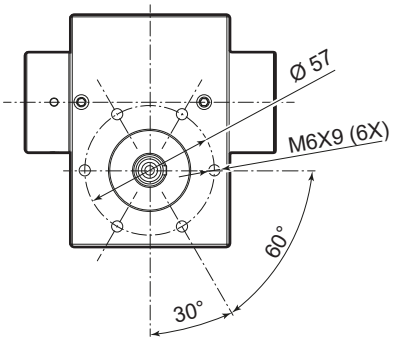
R


CORSA
STROKE
15
15
20
70
20


Ø 45
Ø 7 (4X90°)


45
12
Ø 32 h7
Ø 60


80
Ø 8.4 PASSANTE (4X)
THROUGH-HOLE
3X3X15
102
30
33.5
60
85
25
2
2
26
98
26


Ø 57
M6X9 (6X)
60°
30°

Dati tecnici *Technical data*

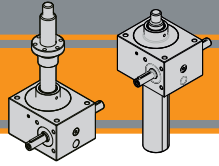
DHT 306B

Carico / *Load* [kN]			25		20		15		10		7.5		2.5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	30.0	1500	2.9	18	2.3	15	1.7	11	1.2	8.0	0.9	6.0	0.3	2.0
	20.0	1000	1.9	18	1.5	15	1.2	11	0.8	8.0	0.6	6.0	0.2	2.0
	14.0	700	1.3	18	1.1	15	0.8	11	0.6	8.0	0.4	6.0	0.2	2.0
	1.0	50	0.1	18	0.1	15	0.1	11	0.04	8.0	0.03	6.0	0.01	2.0

Carico / *Load* [kN]			25		20		15		10		7.5		2.5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
10	15.0	1500	1.5	10	1.2	8.0	0.9	6.0	0.6	4.0	0.5	3.0	0.2	1.0
	10.0	1000	1.0	10	0.8	8.0	0.6	6.0	0.4	4.0	0.3	3.0	0.1	1.0
	7.0	700	0.7	10	0.6	8.0	0.4	6.0	0.3	4.0	0.2	3.0	0.1	1.0
	0.5	50	0.1	10	0.04	8.0	0.03	6.0	0.02	4.0	0.02	3.0	0.01	1.0

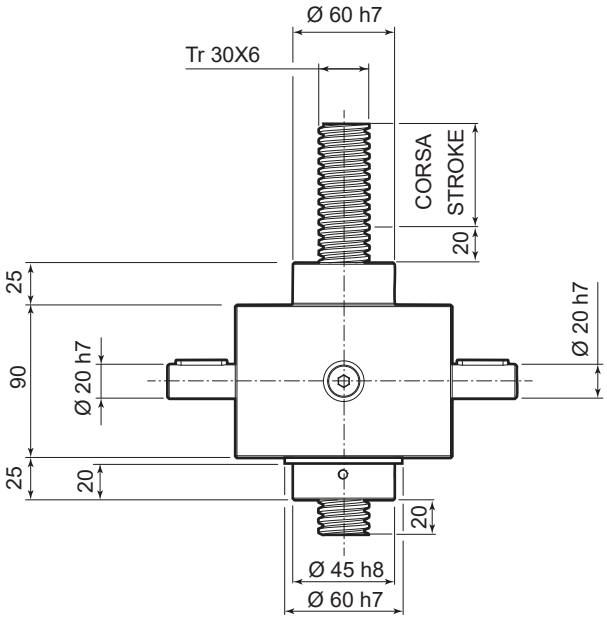
Carico / *Load* [kN]			25		20		15		10		7.5		2.5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
30	5.0	1500	0.6	4.0	0.5	3.0	0.4	3.0	0.3	2.0	0.2	1.0	0.1	1.0
	3.3	1000	0.4	4.0	0.3	3.0	0.3	3.0	0.2	2.0	0.1	1.0	0.1	1.0
	2.3	700	0.3	4.0	0.2	3.0	0.2	3.0	0.1	2.0	0.1	1.0	0.05	1.0
	0.2	50	0.02	4.0	0.02	3.0	0.01	3.0	0.01	2.0	0.007	1.0	0.003	1.0

Contattare servizio tecnico / *Contact technical service*

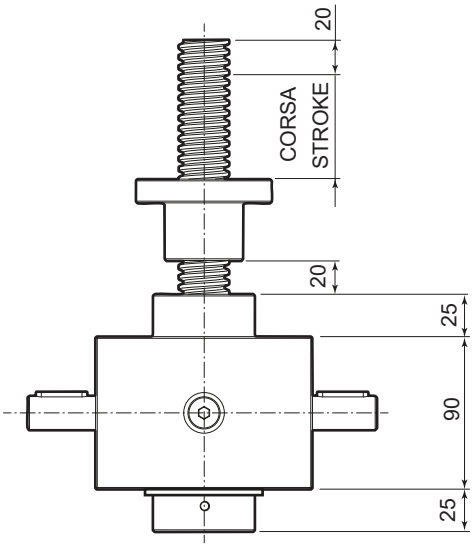


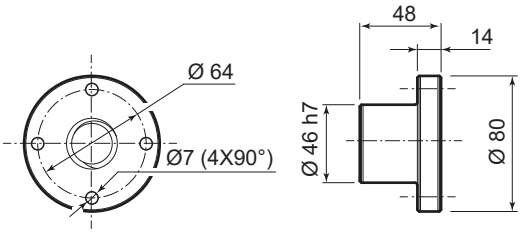
DHT 306B

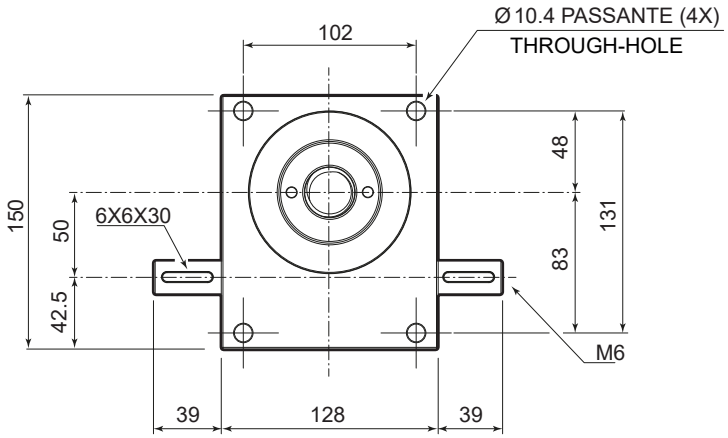
T

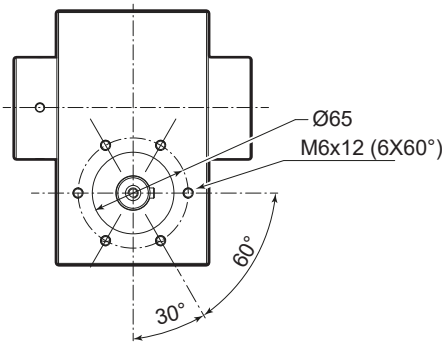

Ø 60 h7
Tr 30X6
CORSA
STROKE
20
25
90
Ø 20 h7
Ø 20 h7
25
20
20
Ø 45 h8
Ø 60 h7

R


20
CORSA
STROKE
20
25
90
25


Ø 64
Ø7 (4X90°)
48
14
Ø 46 h7
Ø 80


102
Ø 10.4 PASSANTE (4X)
THROUGH-HOLE
150
50
42.5
6X6X30
48
131
83
M6
39
128
39


Ø65
M6x12 (6X60°)
60°
30°

Dati tecnici *Technical data*

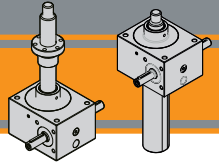
DHT 407B

Carico / *Load* [kN]			50		40		30		20		15		5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	35	1500	6.7	42	5.3	34	4.0	26	2.7	17	2.1	13	0.8	5.0
	23.3	1000	4.4	42	3.6	34	2.7	26	1.8	17	1.4	13	0.5	5.0
	16.3	700	3.1	42	2.5	34	1.9	26	1.3	17	1.0	13	0.4	5.0
	1.2	50	0.2	42	0.2	34	0.1	26	0.1	17	0.1	13	0.03	5.0

Carico / *Load* [kN]			50		40		30		20		15		5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
10	17.5	1500	3.5	22	2.8	18	2.1	13	1.4	9.0	1.1	7.0	0.4	3.0
	11.7	1000	2.3	22	1.9	18	1.4	13	1.0	9.0	0.7	7.0	0.3	3.0
	8.2	700	1.6	22	1.3	18	1.0	13	0.7	9.0	0.5	7.0	0.2	3.0
	0.6	50	0.1	2	0.1	18	0.1	13	0.05	9.0	0.04	7.0	0.01	3.0

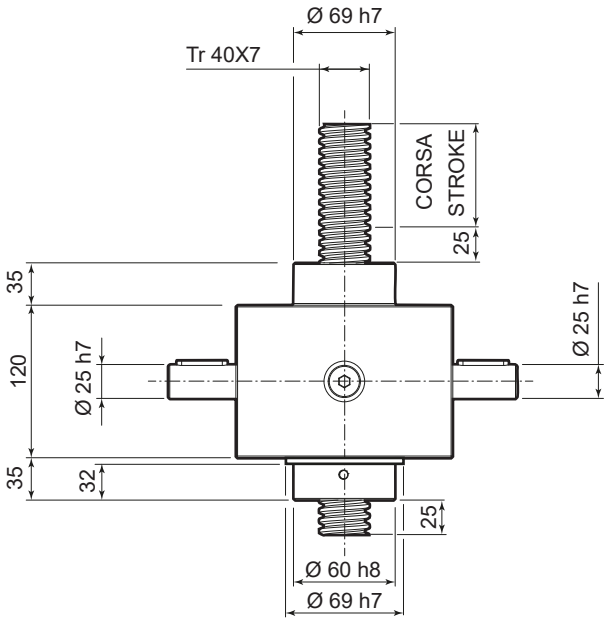
Carico / *Load* [kN]			50		40		30		20		15		5	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
30	5.8	1500	1.4	9.0	1.1	7.0	0.8	5.0	0.6	4.0	0.4	3.0	0.2	1.0
	3.9	1000	0.9	9.0	0.7	7.0	0.6	5.0	0.4	4.0	0.3	3.0	0.1	1.0
	2.7	700	0.6	9.0	0.5	7.0	0.4	5.0	0.3	4.0	0.2	3.0	0.1	1.0
	0.2	50	0.05	9.0	0.04	7.0	0.03	5.0	0.02	4.0	0.01	3.0	0.006	1.0

Contattare servizio tecnico / *Contact technical service*

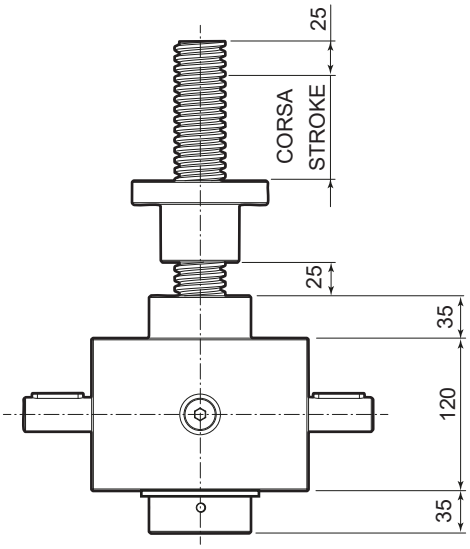


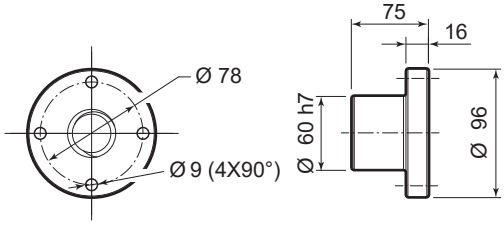
DHT 407B

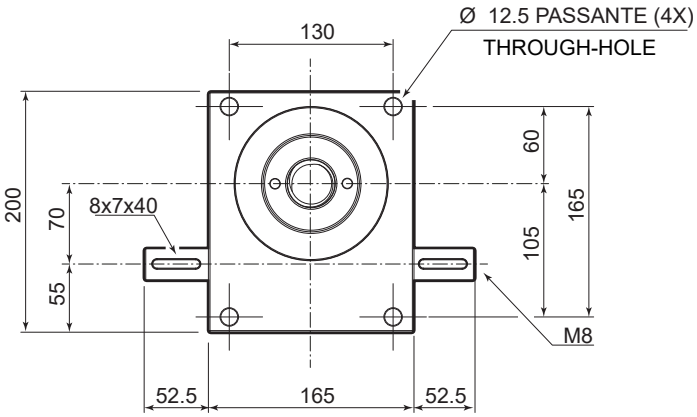
T

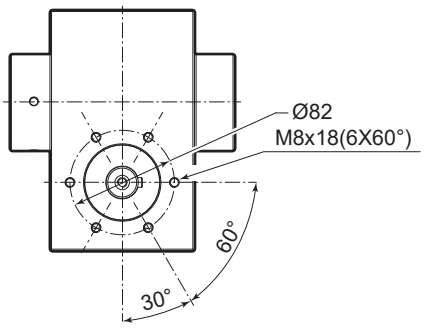

Ø 69 h7
Tr 40X7
CORSA
STROKE
25
35
120
35
Ø 25 h7
Ø 25 h7
32
25
Ø 60 h8
Ø 69 h7

R


25
CORSA
STROKE
25
35
120
35


Ø 78
Ø 9 (4X90°)
75
16
Ø 60 h7
Ø 96


130
Ø 12.5 PASSANTE (4X)
THROUGH-HOLE
200
70
55
8x7x40
60
105
165
M8
52.5
165
52.5


Ø82
M8x18(6X60°)
60°
30°

Dati tecnici *Technical data*

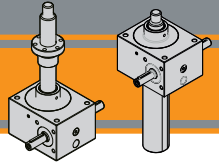
DHT 559B

Carico / *Load* [kN]			100		75		50		30		25		10	
Rapporto di riduzione ***Reduction ratio***	**Velocità lineare** ***Travelling speed*** **[mm/s]**	**Giri in entrata** ***Input revs*** **[rpm]**	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	45.0	1500	19.8	126	14.9	95	10.1	64	6.2	39	5.2	33	2.3	15
	30.0	1000	13.2	126	10.0	95	6.7	64	4.1	39	3.5	33	1.5	15
	21.0	700	9.2	126	7.0	95	4.7	64	2.9	39	2.4	33	1.1	15
	1.5	50	0.7	126	0.5	95	0.3	64	0.2	39	0.2	33	0.1	15

Carico / *Load* [kN]			100		75		50		30		25		10	
Rapporto di riduzione ***Reduction ratio***	**Velocità lineare** ***Travelling speed*** **[mm/s]**	**Giri in entrata** ***Input revs*** **[rpm]**	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
10	22.5	1500	10.3	66	7.8	50	5.3	34	3.3	21	2.8	18	1.3	8.0
	15.0	1000	6.9	66	5.2	50	3.5	34	2.2	21	1.9	18	0.8	8.0
	10.5	700	4.8	66	3.6	50	2.5	34	1.5	21	1.3	18	0.6	8.0
	0.8	50	0.3	66	0.3	50	0.2	34	0.1	21	0.1	18	0.04	8.0

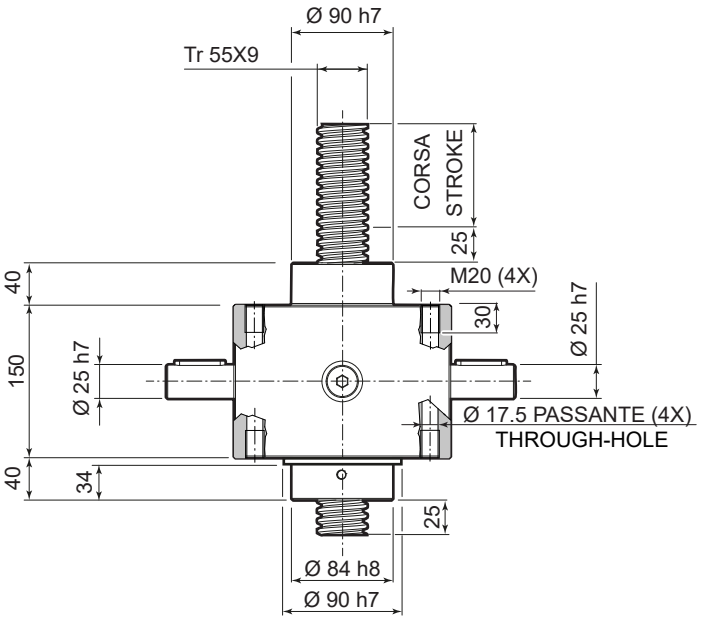
Carico / *Load* [kN]			100		75		50		30		25		10	
Rapporto di riduzione ***Reduction ratio***	**Velocità lineare** ***Travelling speed*** **[mm/s]**	**Giri in entrata** ***Input revs*** **[rpm]**	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
30	7.5	1500	4.1	26	3.1	20	2.1	13	1.3	8.0	1.1	7.0	0.5	3.0
	5.0	1000	2.7	26	2.1	20	1.4	13	0.9	8.0	0.8	7.0	0.4	3.0
	3.5	700	1.9	26	1.4	20	1.0	13	0.6	8.0	0.5	7.0	0.3	3.0
	0.3	50	0.1	26	0.1	20	0.1	13	0.04	8.0	0.04	7.0	0.02	3.0

Contattare servizio tecnico / *Contact technical service*

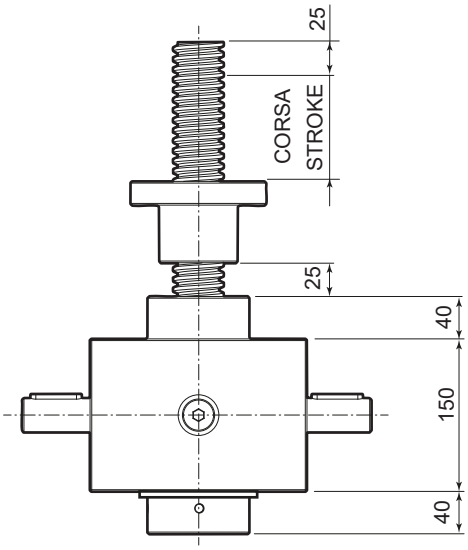


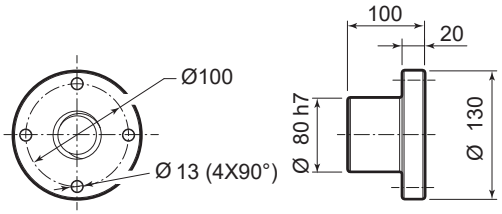
DHT 559B

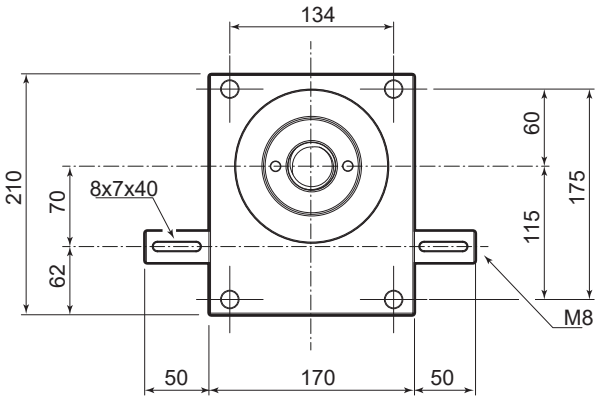
T

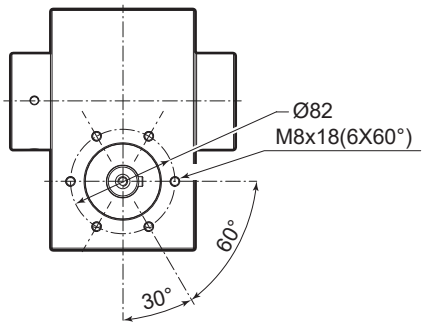

Ø 90 h7
Tr 55X9
CORSA
STROKE
25
M20 (4X)
30
Ø 25 h7
40
150
Ø 25 h7
Ø 17.5 PASSANTE (4X)
THROUGH-HOLE
40
34
25
Ø 84 h8
Ø 90 h7

R


25
CORSA
STROKE
25
40
150
40


100
20
Ø100
Ø 13 (4X90°)
Ø 80 h7
Ø 130


134
210
70
62
8x7x40
60
115
175
M8
50
170
50


Ø82
M8x18(6X60°)
60°
30°

Dati tecnici *Technical data*

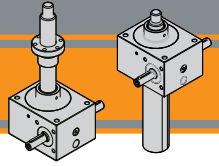
DHT 7010B

Carico / *Load* [kN]			200		150		100		75		50		25	
Rapporto di riduzione ***Reduction ratio***	**Velocità lineare** ***Travelling speed*** **[mm/s]**	**Giri in entrata** ***Input revs*** **[rpm]**	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	50.0	1500	46.9	298	35.3	225	23.7	151	17.9	114	12.1	77	6.3	40
	33.3	1000	31.2	298	23.5	225	15.8	151	11.9	114	8.1	77	4.2	40
	23.3	700	21.9	298	16.5	225	11.1	151	8.4	114	5.7	77	3.0	40
	1.7	50	1.6	298	1.2	225	0.8	151	0.6	114	0.4	77	0.2	40

Carico / *Load* [kN]			200		150		100		75		50		25	
Rapporto di riduzione ***Reduction ratio***	**Velocità lineare** ***Travelling speed*** **[mm/s]**	**Giri in entrata** ***Input revs*** **[rpm]**	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
10	25.0	1500	24.1	153	18.2	116	12.3	78	9.3	59	6.3	40	3.4	22
	16.7	1000	16.1	153	12.1	116	8.2	78	6.2	59	4.2	40	2.3	22
	11.7	700	11.3	153	8.5	116	5.7	78	4.3	59	3.0	40	1.6	22
	0.8	50	0.8	153	0.6	116	0.4	78	0.3	59	0.2	40	0.1	22

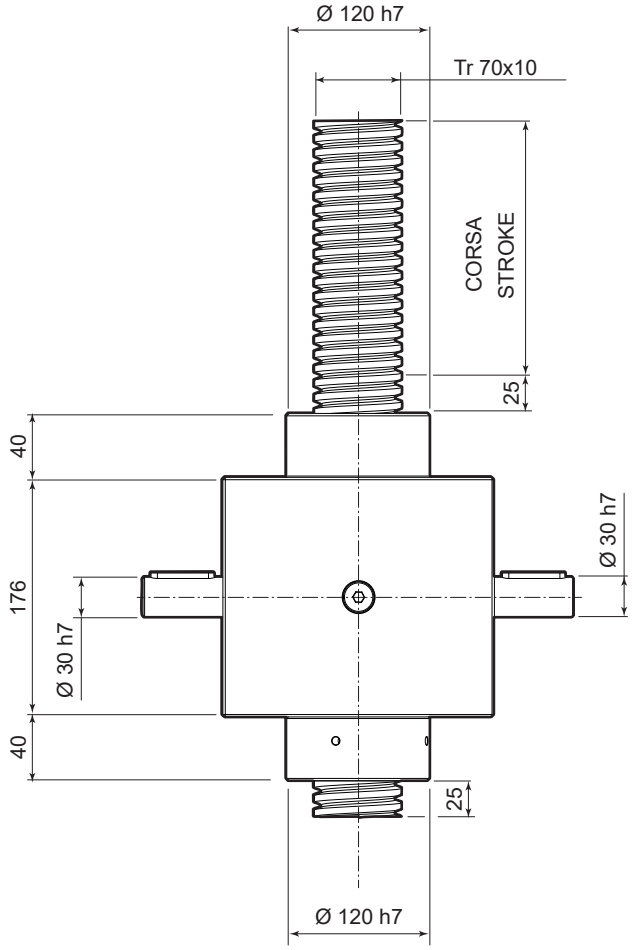
Carico / *Load* [kN]			200		150		100		75		50		25	
Rapporto di riduzione ***Reduction ratio***	**Velocità lineare** ***Travelling speed*** **[mm/s]**	**Giri in entrata** ***Input revs*** **[rpm]**	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
30	8.3	1500	9.3	59	7.1	45	4.8	31	3.7	24	2.6	16	1.4	9.0
	5.6	1000	6.2	59	4.7	45	3.2	31	2.5	24	1.7	16	1.0	9.0
	3.9	700	4.4	59	3.3	45	2.3	31	1.7	24	1.2	16	0.7	9.0
	0.3	50	0.3	59	0.2	45	0.2	31	0.1	24	0.1	16	0.05	9.0

Contattare servizio tecnico / *Contact technical service*

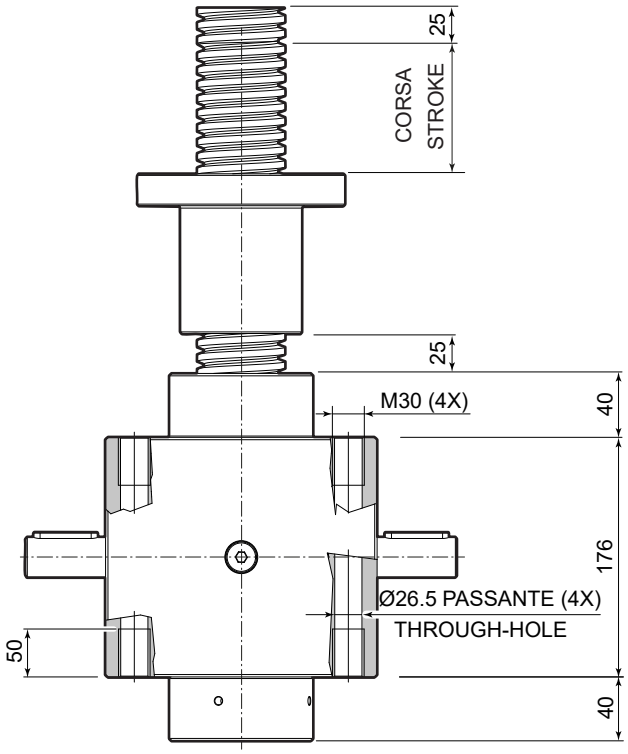


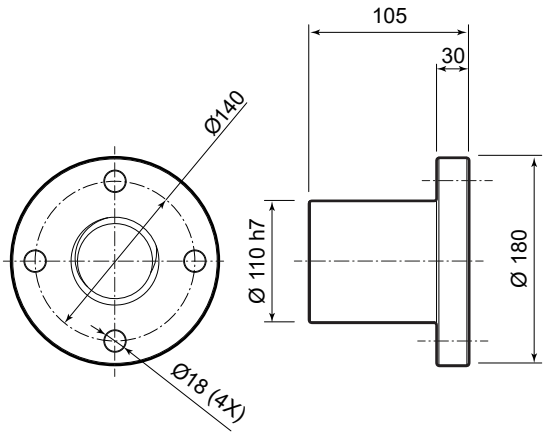
DHT 7010B

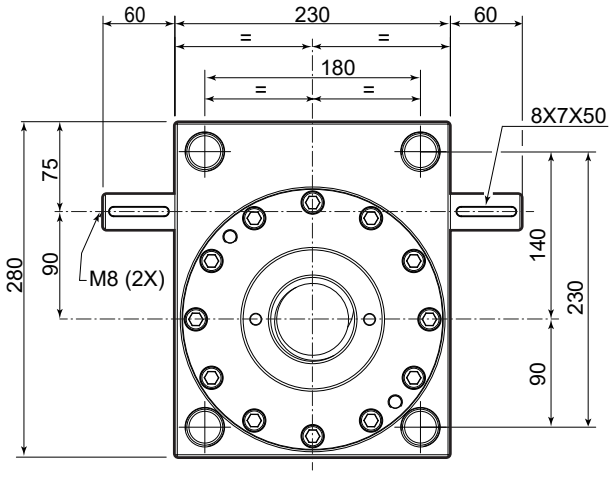
T

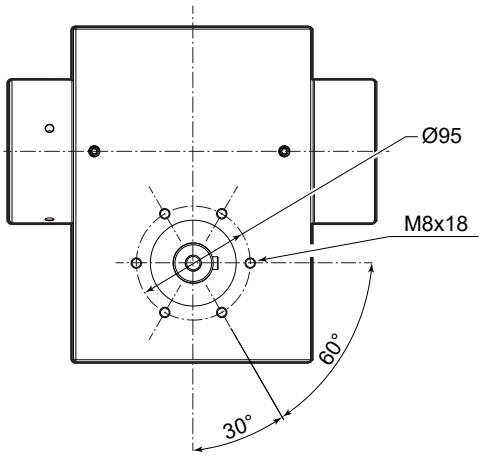

Ø 120 h7
Tr 70x10
CORSA
STROKE
25
40
176
Ø 30 h7
Ø 30 h7
40
25
Ø 120 h7

R


CORSA
STROKE
25
25
M30 (4X)
40
176
Ø26.5 PASSANTE (4X)
THROUGH-HOLE
50
40


105
30
Ø140
Ø 110 h7
Ø 180
Ø18 (4X)


60
230
60
=
=
180
=
=
8X7X50
75
90
280
M8 (2X)
140
230
90


Ø95
M8x18
60°
30°

Dati tecnici *Technical data*

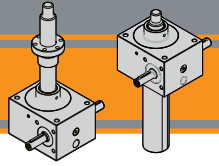
DHT 8010B

Carico / *Load* [kN]			250		200		150		100		75		50	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
5	50.0	1500	66.7	425	53.5	341	40.2	256	27.0	172	20.4	130	13.8	88
	33.3	1000	44.5	425	35.7	341	26.8	256	18.0	172	13.6	130	9.2	88
	23.3	700	31.1	425	25.0	341	18.8	256	12.6	172	9.5	130	6.4	88
	1.7	50	2.2	425	1.8	341	1.3	256	0.9	172	0.7	130	0.5	88

Carico / *Load* [kN]			250		200		150		100		75		50	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
10	25.0	1500	34.3	218	27.5	175	20.7	132	14.0	89	10.6	67	7.2	46
	16.7	1000	22.8	218	18.3	175	13.8	132	9.3	89	7.0	67	4.8	46
	11.7	700	16.0	218	12.8	175	9.7	132	6.5	89	4.9	67	3.4	46
	0.8	50	1.1	218	0.9	175	0.7	132	0.5	89	0.4	67	0.2	46

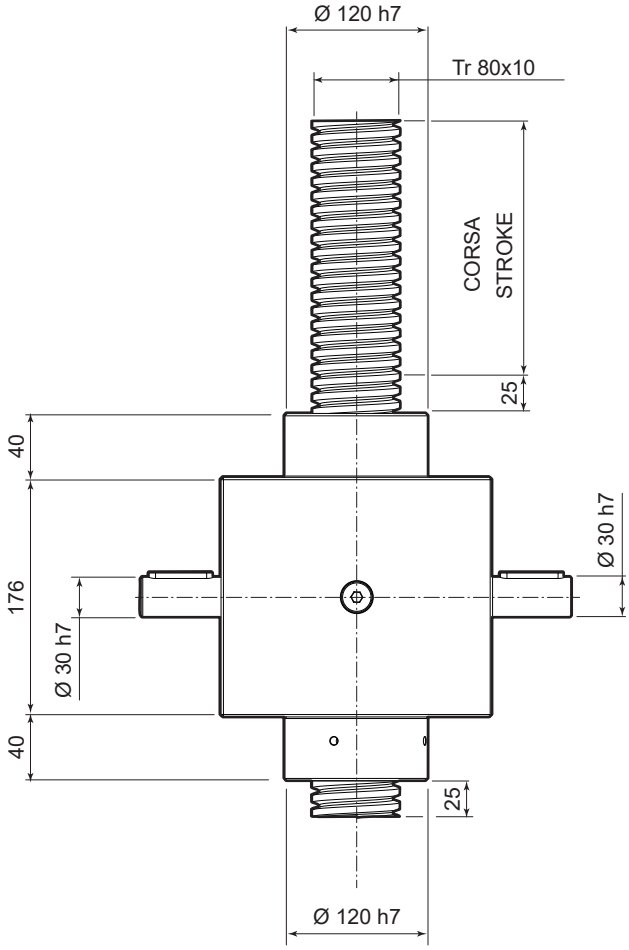
Carico / *Load* [kN]			250		200		150		100		75		50	
Rapporto di riduzione *Reduction ratio*	Velocità lineare *Travelling speed* [mm/s]	Giri in entrata *Input revs* [rpm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]	P_n [kW]	M_{t1} [Nm]
30	8.3	1500	13.2	84	10.6	68	8.0	51	5.5	35	4.2	27	2.9	18
	5.6	1000	8.8	84	7.1	68	5.4	51	3.6	35	2.8	27	1.9	18
	3.9	700	6.2	84	5.0	68	3.8	51	2.5	35	1.9	27	1.3	18
	0.3	50	0.4	84	0.4	68	0.3	51	0.2	35	0.1	27	0.1	18

Contattare servizio tecnico / *Contact technical service*

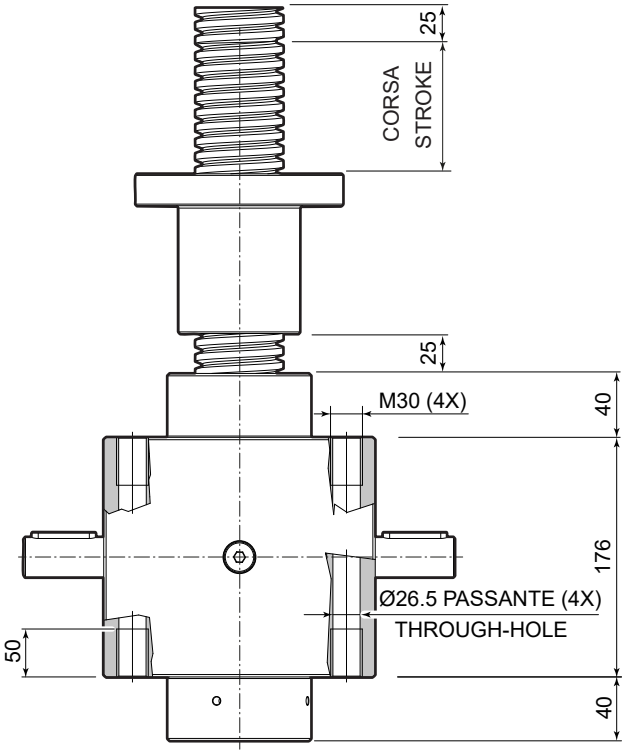


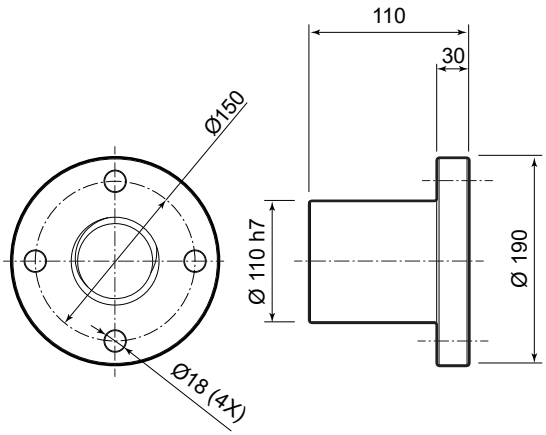
DHT 8010B

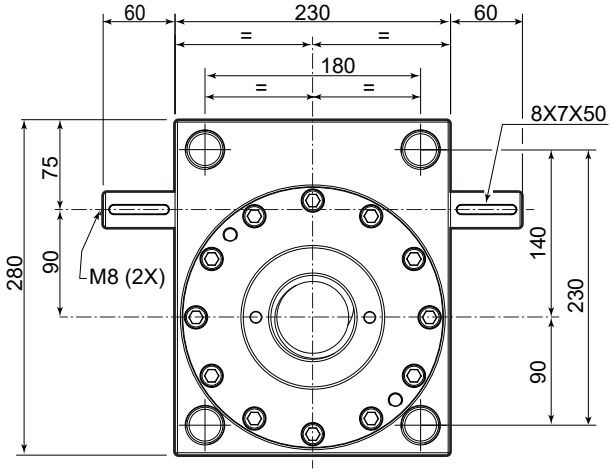
T

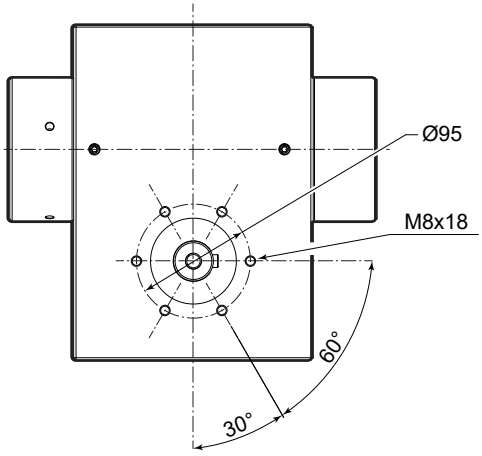

Ø 120 h7
Tr 80x10
CORSA
STROKE
25
40
176
Ø 30 h7
Ø 30 h7
40
25
Ø 120 h7

R


25
CORSA
STROKE
25
M30 (4X)
40
176
Ø26.5 PASSANTE (4X)
THROUGH-HOLE
50
40


110
30
Ø150
Ø 110 h7
Ø 190
Ø18 (4X)


60
230
60
=
=
180
=
=
8X7X50
75
90
280
M8 (2X)
140
230
90


Ø95
M8x18
60°
30°

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