

◆ Electric cylinder with gear box

(Order made)

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②
③
④
⑤
⑥
⑦

TGC	60	-	B1610	-	100	-	C	D	M	-	S1
Series	Profile size		Movement		Stroke		Rod material	Damper	Rod end		Sensor

① Model	Profile size (mm)	② Movement	Type of movement (Screw diameter(mm)/Lead(mm))	③ Max stroke (mm)	Max motor capacity [W]
60	64	B1605	Ball Screw 16 / 5 Lead	800	1kW
		B1610	Ball Screw 16 / 10 Lead		
		T1804	TM Screw 18 / 4 Lead		
80	77	B2505	Ball Screw 25 / 5 Lead	1000	2kW
		B2510	Ball Screw 25 / 10 Lead		
		B2020	Ball Screw 20 / 20 Lead		
		T2004	TM Screw 20 / 4 Lead		
		T2805	TM Screw 28 / 5 Lead		
120	117	B4005	Ball Screw 40 / 5 Lead	1200	3.5kW
		B4010	Ball Screw 40 / 10 Lead		
		B4020	Ball Screw 40 / 20 Lead		
		B4040	Ball Screw 40 / 40 Lead		
		T4006	TM Screw 40 / 6 Lead		
		T5008	TM Screw 50 / 8 Lead		

④ Rod	Rod material
C	S45C + Chrome plate
S	SUS

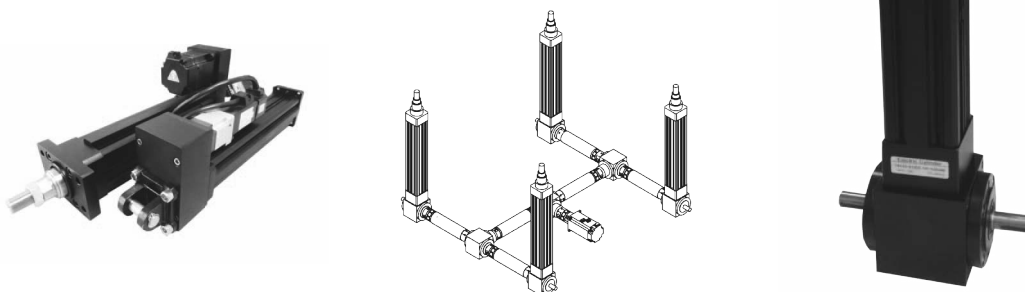
⑤ Damper	Damper
N	None
D	Front/rear damper

⑥ Rod end	Rod end type
M	Male thread
F	Female thread
K	Knuckle joint

⑦ Sensor	Type of magnet sensor	N/C	N/O	PNP
Blank	None	-	-	-
S1	Miniature (Ø4)no contact 3wire	2	1	-
S2		2	-	-
S3		-	2	-
S4		-	3	-
S5		-	-	2
S6		-	-	3

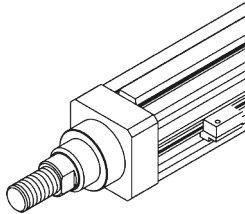
* Standard length : 1M

* N/O : normal open for NPN type

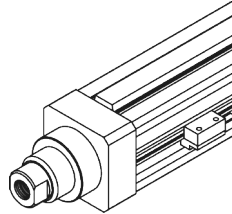


■ Types of rod end

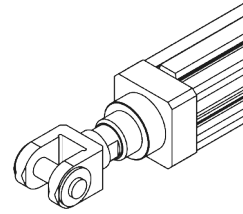
(Order made)



Male thread



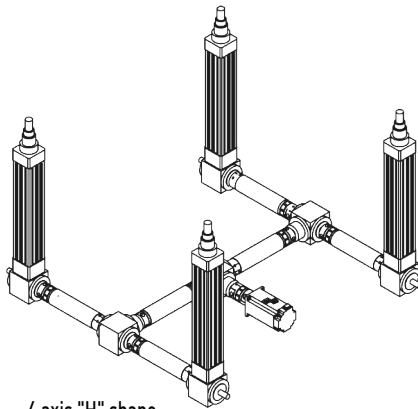
Female thread



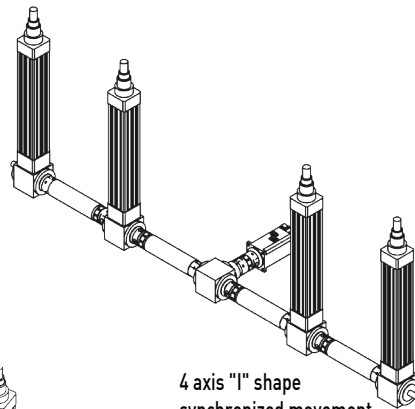
Knuckle joint

MODEL	Input axis torque limit[Nm]							
	Input RPM							
	3000	2400	1500	1000	750	500	250	50
TGC60	10	10	11	12	13	15	17	18
TGC80	27	28	32	34	37	40	44	50
TGC120	66	70	82	92	103	115	123	130

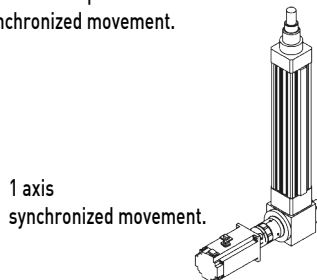
Layouts of various applications



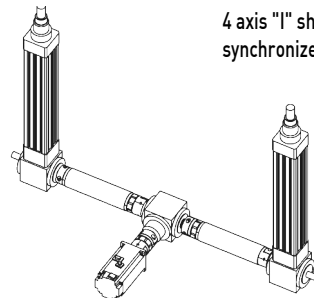
4 axis "H" shape synchronized movement.



4 axis "I" shape synchronized movement.



1 axis synchronized movement.



2 axis synchronized movement.