

AC SERVO NUTRUNNER



A-Tech Instruments Ltd.

www.a-tech.ca; sales@a-tech.ca

Toll Free 1 888 754 7008

Toronto 416 754 7008 Montreal 514 695 5174

AC SERVO NUTRUNNER AC

CONTROLLERS



		CPS Controller	CPS Master Controller
No.	Model No.	CPS-NR-75	MA-NR-**-□
(mm)	Dimensions	65 X 230 X 198	51 X 110 X 198

How to order

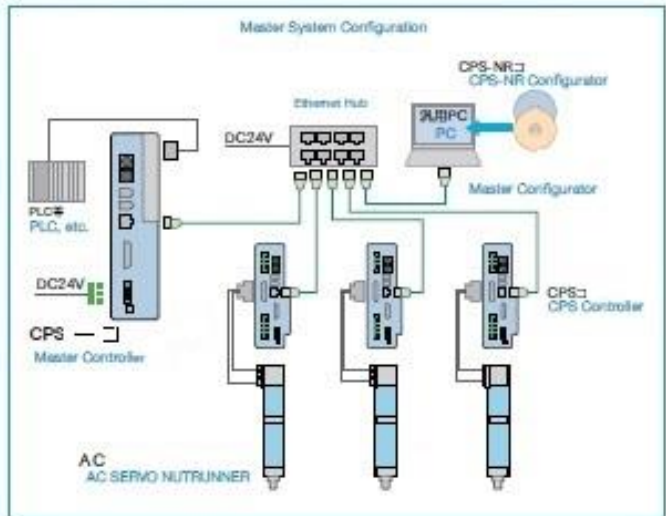
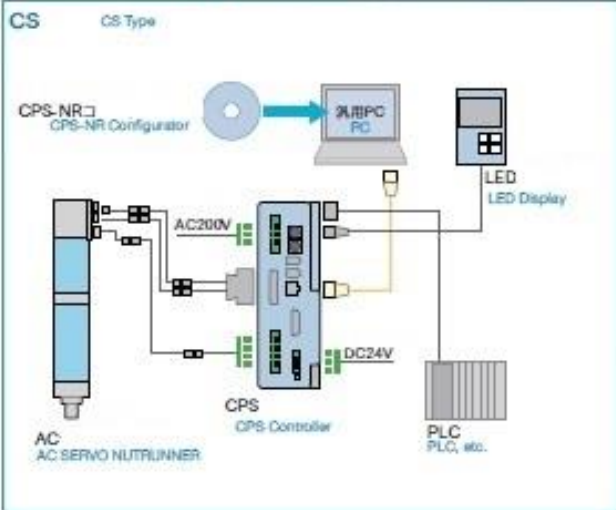
CPS - NR - 75 * - □

Hardware --- □
 Software --- *

FA network (optional)
 FA --- □

CC: CC-Link
 DV: DeviceNet
 PF: Profibus

SYSTEM CONFIGURATION



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FEATURES

1. Light Weight and Slim with In-line Configuration

- The housing accommodates all integral parts: torque transducer, gears, motor, and encoder.
- External moments can be absorbed by the housing to eliminate zero-balance fluctuations of torque transducer. → Increased reliability of tightening quality.
- The slim and flat body allows for multiple spindle applications with minimum center distances.

2. Full Digital Processing

- Torque transducer with built-in amplifier and AO/DO converter board.
- Improved noise resistance by transferring AO/DO converted digital signals to the controller.
- Easy tool change with no analog adjustments.

3. Multiple Tightening Methods

- Full operations from start of tightening to finish performed by a single program (32 steps max.)
The IPS can store up to 81 programs.
- Applicable to yield point control method as well as torque control and angle control.

4. Various Data Processing Software

- The controller memory can store up to 2700 data.
- Data Control Filing System (DATA-CON) available as an option. (Capable of storing, searching and verifying collected data)

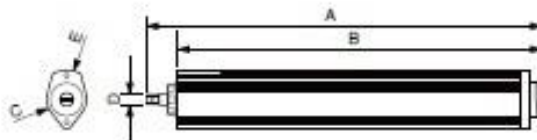
(2~40Nm) LOW TORQUE RANGE MODEL

2300S 2400Q



Please contact us for angle head and offset gear applications. We will provide a separate leaflet.

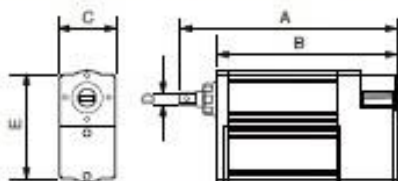
Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2301S	2~6	1080	1.8
2302S	5~23	540	1.9
2304S	15~40	250	1.9



A	B	φC	□D	φE	(mm)
366	338	38	9.5	54	

Model No. Torque Range Maximum RPM Tool Weight

	(Nm)	(rpm)	(kg)
2402Q	5~19	410	3.3
2405Q	15~40	190	3.3



A	B	C	□D	E	(mm)
213.5	177.5	54	12.7	109	

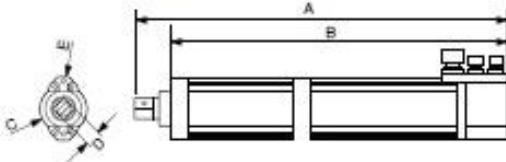


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MIDDLE TORQUE RANGE MODEL (20~160Nm)

2500S

Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2505S	20~60	610	5.5
2509S	40~100	285	5.5
2515S	40~130	285	5.5
2510S	40~75	490	5.7
2520S	80~160	230	5.7



Model No.	A	B	φC	□D	φE
2505S/2509S	437	401	56	12.7	76
2515S	467	424	56	19.05	76
2510S/2520S	527	484	56	19.05	76 (mm)



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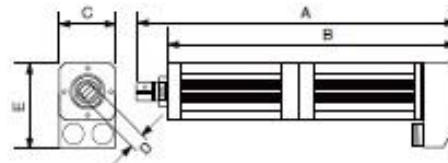
HIGH TORQUE RANGE MODEL (100~270Nm)

2600S•2600Q

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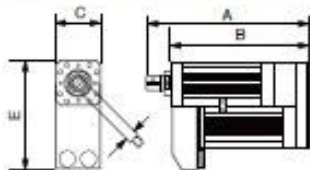


Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2620S	100~190	240	9.0
2630S	100~270	170	9.0



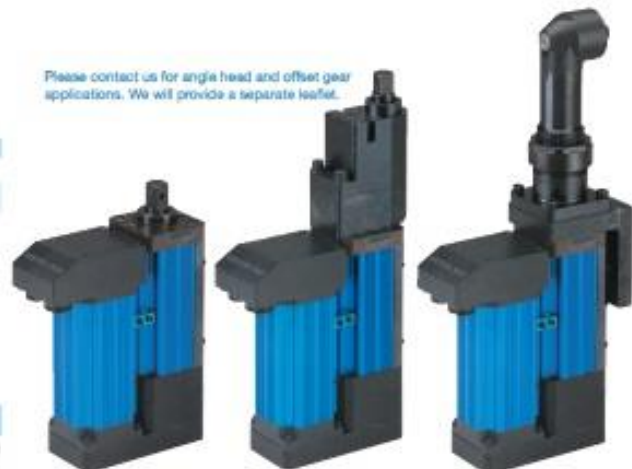
A	B	C	□D	E
444.5	402.5	79	19.05	118.5 (mm)

Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2620Q	100~190	240	9.0
2630Q	100~270	170	9.0



A	B	C	□D	E
287.5	244.5	79	19.05	198.5 (mm)

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