

AC SERVO NUTRUNNER



FEATURES

1 Light Weight and Slim with Inline 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 AC/DC converter board.
- Improved noise resistance by transferring AC/DC converted digital signals to the controller.
- Easy tool change with no analog adjustments.

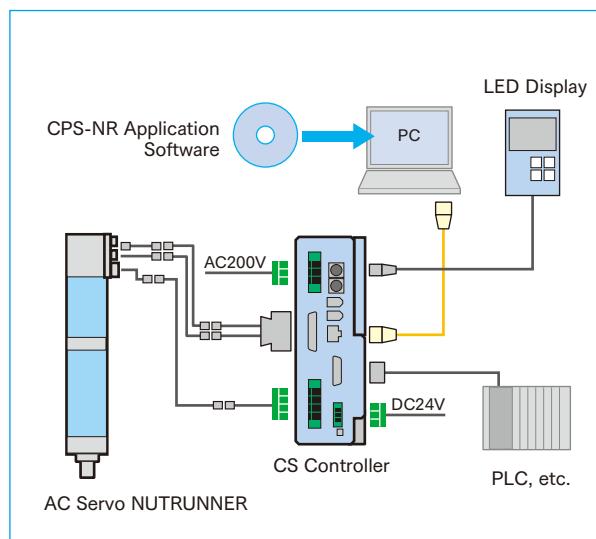
3 Multiple Tightening Methods

- Full operations from start of tightening to finish performed by a single program (32 steps max.)
The IPS can store up to 31 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)

SYSTEM CONFIGURATION



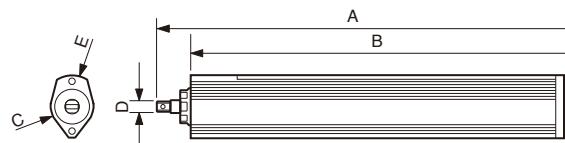
2300Sseries / 2400Qseries



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

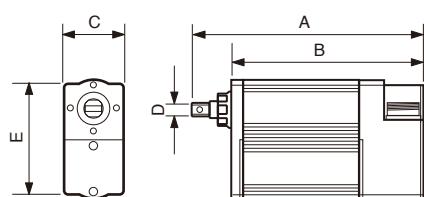
LOW TORQUE RANGE MODEL (2 - 40Nm)

Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2301S	2~6	1080	1.8
2302S	5~22	540	1.9
2304S	12~34	250	1.9

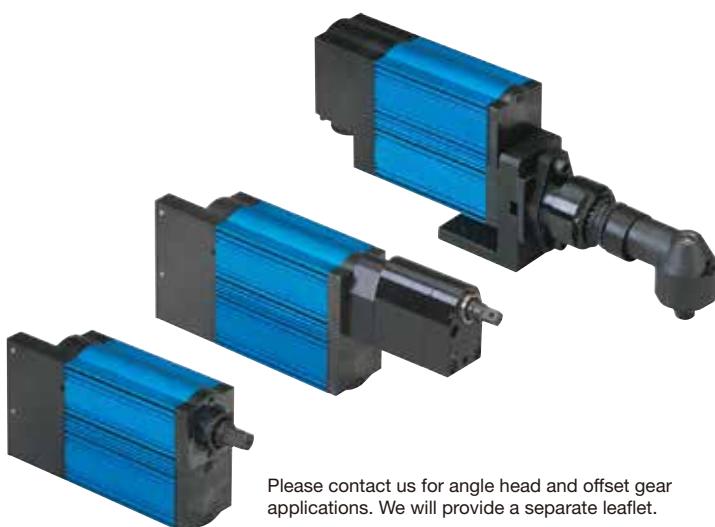


A	B	φC	□D	φE	(mm)
367	338	38	9.5	54	

Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2402Q	6~17	410	3.3
2405Q	16~47	190	3.3



A	B	C	□D	E	(mm)
215	179	54	12.7	109	



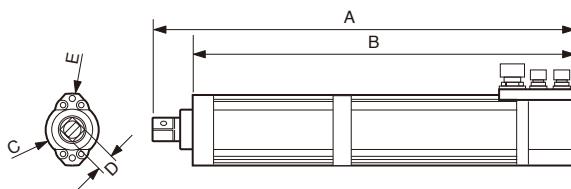
Please contact us for angle head and offset gear applications. We will provide a separate leaflet.

AC SERVO NUTRUNNER

2500Sseries

MIDDLE TORQUE RANGE MODEL (20 - 160Nm)

Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2505S	19~56	610	5.5
2509S	33~94	285	5.5
2515S	42~120	285	5.5
2510S	24~68	490	5.7
2520S	57~162	230	5.7



Model No.	A	B	ϕ C	\square D	ϕ E
2505S/2509S	430	394	56	12.7	76
2515S	460	417	56	19.05	76
2510S/2520S	518	475	56	19.05	76 (mm)

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

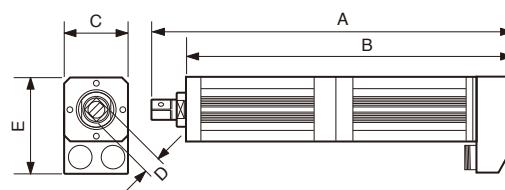
2600Sseries / 2600Qseries

HIGH TORQUE RANGE MODEL (100 - 270Nm)

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



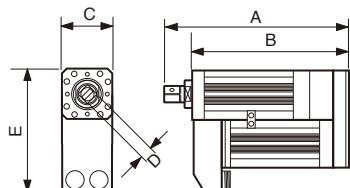
Model No.	Torque Range (Nm)	Maximum RPM (rpm)	Tool Weight (kg)
2620S	63~179	240	9.0
2630S	93~264	170	9.0



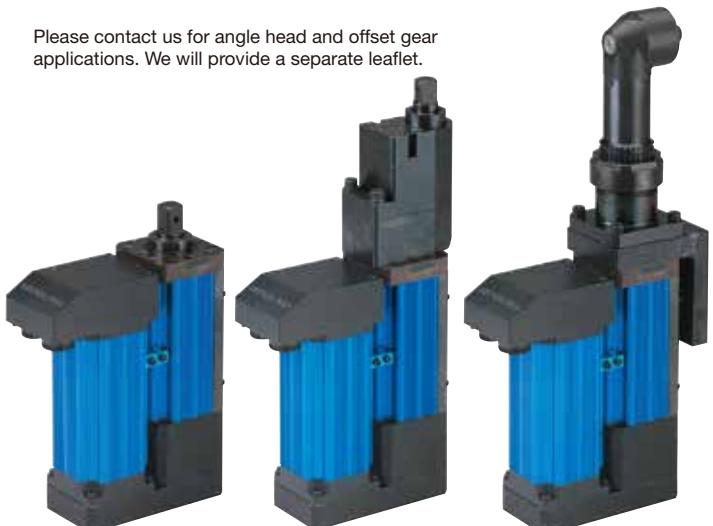
A B C D E
 445.5 402.5 79 19.05 118.5 (mm)

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)
2620Q	63~180	240	9.5
2630Q	90~255	170	9.5



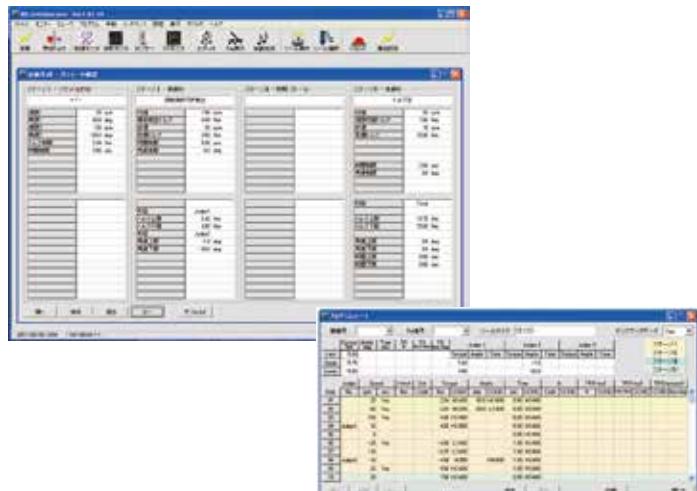
A B C D E
 287.5 244.5 79 19.05 198.5 (mm)



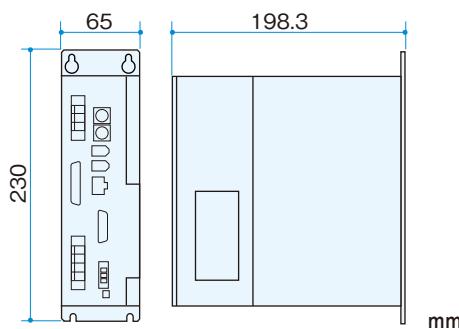
AC SERVO NUTRUNNER



Program Screen

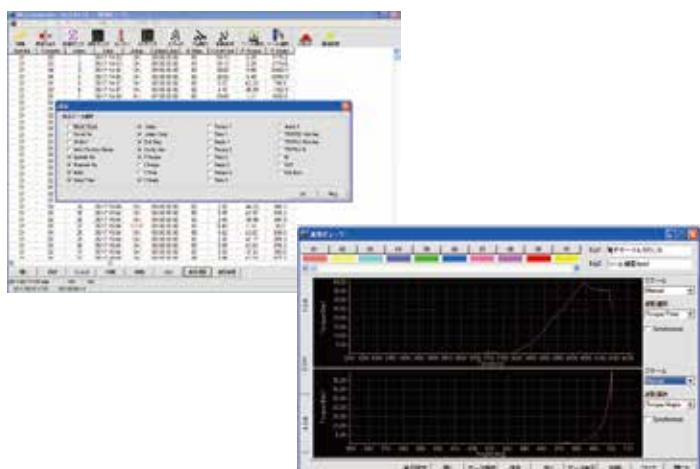


Dimension



Program format is developed on the basis of the IPS model software.
 In addition to final judgment, further judgments at 3 arbitrary points can be set up.
 Automatic program generator is on-board.
 With automatic checking function of input errors, programs can be reliably created.

Numerical and Waveform Monitor Screen



How to order

CPS - NR - 75 ** - □

Hardware

FA network (optional)

Software

CC: CC-Link

DV: DeviceNet

PF: Profibus

PN: PROFINET IO

EI: Ethernet/IP



We provide various more "AC Servo" related products.
 Please feel free to contact us for any further information.

Numerical screen displays up to 31 selectable items as numerical results;
 including "Model Type" and "Work Position Name." *

Traceability function is available by linking product serial number and execution result. *

Waveform monitor displays multiple channels on the screen.
 Extended items for waveform monitor are available: Tool speed, torque rate and more.
 (*: optional function)

The specifications may modify without notice.

CORETEC INC.