

QSPCASlip Type
Torque Wrench

Direction



QSPCA6N

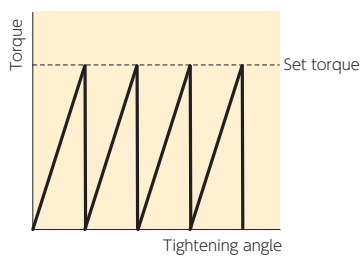


QSPCA30N



QSPCA70N

■ Wave form of slip type torque wrench



■ QSPCA Optional Accessories

931
930

Adjusting Tool (P.49)

Part #	Applicable Model
931	QSPCA6N, QSPCAMS6N QSPCA12N, QSPCAMS12N
930	QSPCA30N, QSPCALS30N QSPCA70N, QSPCALS70N QSPCAFH30N, QSPCAFH70N

Assembly Preset Ratchet Head Slip Type ISO6789:2017

- Cam action mechanism generates a 45 degree "slip" action.
- No torque variation by gripping point
- Conforms to the Electrostatic Discharge (ESD) standard

Model	Torque Range			Overall Length [mm]	Sq.Drive [mm]	Weight [kg]	Accuracy [%]
	Min.-Max. [N·m]	Min.-Max. [kgf·cm]	Min.-Max. [lbf·in]				
QSPCA6N	2-6	20-60	20-50	197	6.35	0.33	±6%
QSPCA12N	4-12	40-120	40-100				
QSPCAMS6N	2-6	20-60	20-50			0.45	±6%
QSPCAMS12N	4-12	40-120	40-100				
QSPCA30N	10-30	100-300	90-265	267	9.53	0.64	±4%
QSPCA70N	20-70	200-700	180-619	346		1.24	
QSPCALS30N	10-30	100-300	90-265	267		0.81	
QSPCALS70N	20-70	200-700	180-619	346		1.41	

Note

1. A torque wrench tester is necessary for torque setting. Specify required set torque when you order.
Ex. QSPCA6N × 5N·m
2. Adjusting tools for QSPCA are sold separately.
3. Limit Switch specifications are AC30V below 1A, DC30V below 1A.
4. Standard curl cord can be extended to about 2m in full extension.
5. Female connector for LS cable is sold separately. Part# WA5219K.
6. QSPCA70N and QSPCALS70N have knurled handles.

QSPCAMS/ QSPCALS

RoHS

- QSPCA style with Limit Switch output
- Wired Error-Proofing, Pokayoke, system for assembly processes

POKA Patrol, Count Checker
CNA-4mk3

Refer to page 27.



* Sold separately



QSPCAMS6N



QSPCAMS12N



QSPCALS30N

QSPCAFH/FH

RoHS

- Wireless error-proofing, Pokayoke, system

Receiver
R-CM

Refer to page 29 for wireless Pokayoke system configuration.

* Sold separately



Model
QSPCAFH6N
QSPCAFH12N

Model
QSPCAFH30N
QSPCAFH70N



QSPCAFH12N



QSPCAFH70N

Note

QSPCAFH6N and 12N of the transmitter is not provided separately.

YCL2 Two Step Motion
Torque Wrench

Direction

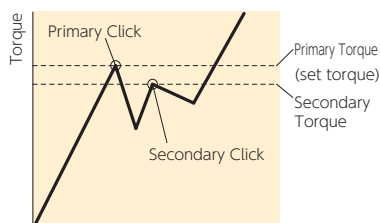


RoHS



YCL90N2×15D

■ Wave form of two step motion torque.



Assembly Adjustable Interchangeable Graduation Two Step Motion ISO6789:2017

- Two step motion prevents over-torque.
- Suitable for assembly of critical parts
- Easy torque setting by graduation
- Interchangeable head

Head Size	S.I. Model	Torque Range [N·m]		Metric Model	Torque Range [kgf·cm]		American Model	Torque Range [lbf·in/lbf·ft]		Max Hand Force [N]	Effective Length [mm]	Overall Length [mm]	Weight [kg]	Accuracy ±3%
		Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.					
10D	YCL10N2×10D	5-10	0.10	100YCL2	50-100	1	YCL100I	50-100	1	46.5	215	245	0.35	
	YCL20N2×10D	10-20	0.20	200YCL2	100-200	2	YCL200I	100-200	2	93				
12D	YCL40N2×12D	20-40	0.25	400YCL2	200-400	2.5	YCL400I	200-400	2.5	145.5	275	309	0.53	
	YCL70N2×12D	35-70	0.50	700YCL2	350-700	5	YCL600I	300-600	5	254.5				
15D	YCL90N2×15D	45-90	0.25	900YCL2	450-900	2.5	YCL750I	400-750	2.5	236.8		414	1.05	
	-	-	-	-	-	-	YCL1000I	600-1000	5		380			
19D	YCL140N2×15D	70-140	0.50	1400YCL2	700-1400	5	YCL100F	45-100	0.5	368.4		414	1.05	
	YCL180N2×19D	90-180	-	1800YCL2	900-1800	-	-	-	-	310	579	607	1.75	
	-	-	-	-	-	-	YCL150F	80-150	0.5					