

QSPCA Slip Type Torque Wrench

Direction



QSPCA6N



QSPCA30N



QSPCA70N

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				±4%
QSPCAMS6N	2-6	20-60	20-50				±6%
QSPCAMS12N	4-12	40-120	40-100	267	9.53	0.64	±4%
QSPCA30N	10-30	100-300	90-265				
QSPCA70N	20-70	200-700	180-619	346	1.24	1.41	
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/ QSPCAL S

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

RoHS

POKA Patrol, Count Checker CNA-4mk3



QSPCAMS6N



QSPCAMS12N



QSPCALS30N



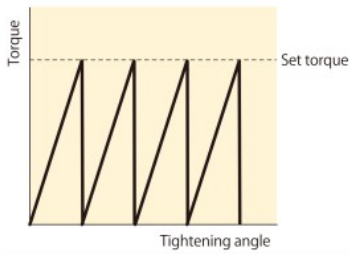
QSPCALS70N



Refer to page 27.

* Sold separately

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

QSPCA FHP/ FHM

- Wireless error-proofing, Pokayoke, system

RoHS

Receiver R-CM

Refer to page 29 for wireless Pokayoke system configuration.

Model
QSPCA FHP6N
QSPCA FHP12N

Model
QSPCA FHLSM30N
QSPCA FHLSM70N



QSPCA FHP12N



QSPCA FHLSM70N



* Sold separately

Note QSPCA FHP transmitter is not provided separately.

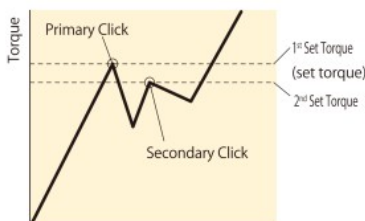
YCL2 Two Step Motion Torque Wrench

Direction



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 Legthe [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	380	414	1.05	
	-	-	-	-	-	-	YCL1000I	600-1000	5	-				
19D	YCL140N2×15D	70-140	0.50	1400YCL2	700-1400	5	YCL100F	45-100	0.5	368.4	310	579	607	1.75
	YCL180N2×19D	90-180	-	1800YCL2	900-1800	-	-	-	-	-				
-	-	-	-	-	-	-	YCL150F	80-150	0.5	-				