

QL/QLE2

Ratchet Head Type Adjustable Torque Wrench

Assembly Adjustable Ratchet Head Graduation ISO6789:2003/2017

- Basic adjustable click style with resin grip
- Torque value easily set with external scale and knob

Direction



Accuracy ±3%

QL/QL-MH Optional Accessories



842

846

Carrying Case (P.49)

| Part # | Applicable Model Dimension [mm] |
|--------|--|
| 842 | QL50N, QL50N-MH, QL100N4-MH H60 × W400 × D70 |
| 843 | QL140N, QL140N-MH, QL200N4, QL200N4-MH H80 × W520 × D80 |
| 846 | QL140N, QL140N-MH and below H170 × W500 × D100 |
| 847 | QL280N, QL280N-MH and below H170 × W740 × D100 |



879

880

881

| Part # | Color | Applicable Model |
|--------|-------|----------------------------------|
| 879 | Red | QL2N, QL5N |
| 880 | Blue | QL10N, QL15N, QL25N5-1/4, QL25N5 |
| 881 | Green | |
| 882 | Black | |



873

QL Protective Head Cover (P.49)

| Part # | Applicable model |
|--------|----------------------|
| 870 | QL2N(-MH) - 15N(-MH) |
| 871 | QL25N5, QL25N-MH |
| 872 | QL50N(-MH) |
| 873 | QL100N4(-MH) |
| 874 | QL140N(-MH) |
| 875 | QL200N4(-MH) |
| 877 | QL280N(-MH) |
| 878 | GSP420N |

| S.I. Model | Torque Range [N·m] | | Metric Model | Torque Range [kgf·cm/kgf·m] | | American Model | Torque Range [lbf·in/lbf·ft] | | Overall Length [mm] | Square Drive [mm] | Weight [kg] |
|-------------|--------------------|-------|--------------|-----------------------------|-------|----------------|------------------------------|--------|---------------------|-------------------|-------------|
| | Min.-Max. | Grad. | | Min.-Max. | Grad. | | Min.-Max. | Grad. | | | |
| QL | N·m | N·m | | kgf·cm | kgf·m | | lbf·in | lbf·ft | | | |
| QL2N | 0.4-2 | 0.02 | 20QL | 4-20 | 0.2 | QL15I-2A | 3-15 | 0.1 | 194 | | 0.27 |
| QL5N | 1-5 | 0.05 | 50QL | 10-50 | 0.5 | QL30I-2A | 6-30 | 0.2 | | 6.35 | 0.29 |
| QL10N | 2-10 | 0.1 | 100QL | 20-100 | 1 | QL50I-2A | 10-50 | 0.5 | 219 | | 0.33 |
| QL15N | 3-15 | | 150QL | 30-150 | | QL100I-2A | 20-100 | 1 | | | 0.45 |
| QL25N5-1/4 | 5-25 | 0.2 | 225QL5-1/4 | 50-250 | 2.5 | QL200I-2A | 40-200 | 2.5 | 237 | | |
| QL25N5 | | | 225QL5 | | | QL400I-3A | 100-400 | 5 | 260 | | |
| QL50N | 10-50 | 0.5 | 450QL3 | 100-500 | 5 | QL750I-3A | 150-750 | 10 | | 9.53 | |
| | | | | | | | lbf·ft | lbf·ft | | | |
| QL100N4-3/8 | 20-100 | | 900QL4-3/8 | 200-1000 | | QL75F-3A | 15-75 | 1 | 335 | | 0.69 |
| QL100N4 | 20-100 | 1 | 900QL4 | 200-1000 | 10 | | | | | | |
| QL140N | 30-140 | | 1400QL3 | 300-1400 | | QL100F-4A | 30-100 | 1 | 400 | | 0.88 |
| QL200N4 | 40-200 | | 1800QL4 | 400-2000 | 20 | QL150F-4A | 30-150 | | 490 | 12.7 | 1.4 |
| | | | | kgf·m | kgf·m | | | | | | |
| QL280N-1/2 | 40-280 | 2 | 2800QL3-1/2 | 4-28 | | QL200F-4A | 30-210 | 2 | 695 | | 2.0 |
| QL280N | | | 2800QL3 | | | | | | | | |
| QL420N | 60-420 | | 4200QL2 | 6-42 | 0.2 | QL300F-6A | 60-300 | | 995 | | 3.4 |
| QLE2 | N·m | N·m | | kgf·m | kgf·m | | lbf·ft | lbf·ft | | | 19.05 |
| QLE550N2 | 100-550 | | 5500QLE2 | 10-55 | | QLE400F-6A | 100-400 | | 1189 | | 4.3 |
| QLE750N2 | 150-750 | 5 | 7500QLE2 | 15-75 | 0.5 | QLE600F-6A | 150-600 | 5 | 1342 | | 5.6 |
| QLE1000N2 | 200-1000 | | 10000QLE2 | 20-100 | | QLE700F-6A | 200-700 | | 1515 | | 7.7 |
| QLE1400N2 | 300-1400 | | 14000QLE2 | 30-140 | | QLE1000F-8A | 300-1000 | | 1787 | 25.4 | 11.1 |
| QLE2100N2 | 500-2100 | 10 | 21000QLE2 | 50-210 | 1 | QLE1500F-8A | 500-1500 | 10 | 1895 | | 14.6 |
| QLE2800N2 | 800-2800 | 20 | 28000QLE2 | 80-280 | 2 | QLE2000F-12A | 800-2000 | 20 | 2405 | 38.1 | 23.7 |

- Note
1. QL2N-QL25N5 are yellow/black resin grips. QL50N-QL280N are black resin grips.
 2. QL420N and QLE550N2-QLE2800N2 are knurled handles.
 3. Use a through-hole socket for square drive over 25.4mm.
 4. QL2N, QL5N and the equivalent metric models, American models comes with ISO-6789-2003 cert.

QLLS RoHS

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

| S.I. Model | Metric Model |
|------------|--------------|
| QLMS2N-MH | 20QLMS-MH |
| QLMS5N-MH | 50QLMS-MH |
| QLMS10N-MH | 100QLMS-MH |
| QLMS10N | 100QLMS |
| QLMS15N | 150QLMS |
| QLMS15N-MH | 150QLMS-MH |
| QLLS25N5 | 225QL5LS |
| QLLS50N | 450QL3LS |
| QLLS100N4 | 900QL4LS |
| QLLS140N | 1400QL3LS |
| QLLS200N4 | 1800QL4LS |
| QLLS280N | 2800QL3LS |
| QLLS420N | 4200QL2LS |



QLLS100N4

POKA Patrol, Count Checker CNA-4mk3

Refer to page 27.



* Sold separately

QL-MH

Ratchet Head Type Adjustable Torque Wrench with Metal Handle

Direction



QL100N4-MH

QL5N-MH

Assembly Adjustable Ratchet Head Graduation ISO6789:2003/2017

- Knurled metal handle version of QL
- Ideal for oily working conditions

Accuracy ±3%

| S.I. Model | Torque Range [N·m] | | Metric Model | Torque Range [kgf·cm/kgf·m] | | American Model | Torque Range [lbf·in/lbf·ft] | | Overall Length [mm] | Square Drive [mm] | Weight [kg] |
|------------|--------------------|-------|--------------|-----------------------------|-------|----------------|------------------------------|-------|---------------------|-------------------|-------------|
| | Min.-Max. | Grad. | | Min.-Max. | Grad. | | Min.-Max. | Grad. | | | |
| QL2N-MH | 0.4-2.0 | 0.02 | 20QL-MH | 4-20 | 0.2 | QL15I-2A-MH | 3-15 | 0.1 | 160 | | 0.16 |
| QL5N-MH | 1-5 | 0.05 | 50QL-MH | 10-50 | 0.5 | QL30I-2A-MH | 6-30 | 0.2 | | 6.35 | 0.19 |
| QL10N-MH | 2-10 | 0.1 | 100QL-MH | 20-100 | 1 | QL50I-2A-MH | 10-50 | 0.5 | 195 | | 0.25 |
| QL15N-MH | 3-15 | | 150QL-MH | 30-150 | | QL100I-2A-MH | 20-100 | 1 | | | 0.45 |
| QL25N-MH | 5-25 | 0.25 | 225QL-MH | 50-250 | 2.5 | | | | 230 | 9.53 | |
| QL50N-MH | 10-50 | 0.5 | 450QL-MH | 100-500 | 5 | | | | 260 | | 0.69 |
| QL100N4-MH | 20-100 | 1 | 900QL4-MH | 200-1000 | 10 | | | | 335 | | 0.88 |
| QL140N-MH | 30-140 | | 1400QL-MH | 300-1400 | | | | | 400 | 12.7 | 1.4 |
| QL200N4-MH | 40-200 | | 1800QL4-MH | 400-2000 | 20 | | | | 490 | | |
| | | | | kgf·m | kgf·m | | | | | | |
| QL280N-MH | 40-280 | 2 | 2800QL-MH | 4-28 | 0.2 | | | | 695 | 19.05 | 1.9 |

- Note
1. QL2N-MH, QL5N-MH and the equivalent metric models, American models comes with ISO-6789-2003 cert.



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