

SPECIFICATIONS

| Accuracy ±3% | | | | | | | | | | | | | |
|-------------------------------|------------------|----------------|-------------|-------------|--------------|----------|----------|------------|-----------|------------|---------------|--|--|
| S.I. MODEL | | QL2N-MH | QL5N-MH | QL10N-MH | QL15N-MH | QL25N-MH | QL50N-MH | QL100N4-MH | QL140N-MH | QL200N4-MH | QL280N-MH | | |
| TORQUE RANGE [N·m] | MIN. ~ MAX. | 0.4~2 | 1~5 | 2~10 | 3~15 | 5~25 | 10~50 | 20~100 | 30~140 | 40~200 | 40~280 | | |
| | GRAD. | 0.02 | 0.05 | 0.1 | | 0.25 | 0.5 | 1 | | 2 | | | |
| METRIC MODEL | | 20QL-MH | 50QL-MH | 100QL-MH | 150QL-MH | 225QL-MH | 450QL-MH | 900QL4-MH | 1400QL-MH | 1800QL4-MH | 2800QL-MH | | |
| TORQUE RANGE [Kgf·cm / Kgf·m] | MIN. ~ MAX. | kgf·cm 4~20 | 10~50 | 20~100 | 30~150 | 50~250 | 100~500 | 200~1000 | 300~1400 | 400~2000 | kgf·m 4~28 | | |
| | GRAD. | kgf·cm 0.2 | 0.5 | 1 | | 2.5 | 5 | 10 | | 20 | kgf·m 0.2 | | |
| AMERICAN MODEL | | QL15I-2A-MH | QL30I-2A-MH | QL50I-2A-MH | QL100I-2A-MH | - | | | | | - | | |
| TORQUE RANGE [lbf·in] | MIN. ~ MAX. | 3~15 | 6~30 | 10~50 | 20~100 | - | | | | | - | | |
| | GRAD. | 0.1 | 0.2 | 0.5 | 1 | - | | | | | - | | |
| APPLICABLE BOLT | COMMON STEEL | M4 | M5,M6 | (M7) | M8 | | M10 | M12 (M14) | M16 | (M18) | M20 | | |
| | HIGH TENSION | (M3.5) | (M4.5) | M6 | (M6) M7 | (M7) | M8 | M10 | M12 | (M14) | M16 | | |
| MAX. HAND FORCE [N] | | 16.5 | 41.3 | 69 | 103.4 | 154 | 278 | 392 | 438 | 500 | 467 | | |
| DIMENSION [mm] | EFFECTIVE LENGTH | L | 100 | 135 | | 162 | 180 | 255 | 320 | 400 | 600 | | |
| | OVERALL LENGTH | L' | 160 | 195 | | 230 | 260 | 335 | 400 | 490 | 695 | | |
| | SQ. DRIVE | a | 6.35 | | | 9.53 | | 12.7 | | | 19.05 | | |
| | | b | 7.5 | | | 11 | | 14 | | | 15.4 | | |
| | HEAD | R | 11.5 | | | 13 | 16 | 17 | 18.8 | 20 | 22.5 | | |
| | | h | 17.5 | | | 22 | 25.6 | 32 | 33.5 | 38.4 | 44.5 | | |
| | BODY | m | 19 | | | 25.5 | | 28 | | | 35 | | |
| | | n | 9.2 | | | 11.2 | | 12.2 | | | 15 | | |
| | | d | 15 | | | 20 | | 21.7 | | | 27.2 | | |
| | | D | 25.5 | | | 26.5 | 36 | 37 | | | 46.5 | | |
| WEIGHT [kg] | | 0.16 | 0.19 | 0.25 | 0.45 | 0.69 | 0.79 | | 1.4 | 1.9 | | | |

DIMENSIONS

