



Performances ST Range

| Max torque ft-lbs | Permanent Torque ft-lbs | Type | Speed rpm | T/Turn sec/tou | S4 service - D.R. : 50% | | | | | |
|-------------------------------------|----------------------------|-------------|--------------|-------------------|-------------------------|--------------|-------------------|-------------------|-------------|-----------------|
| | | | | | Power Kw | Speed rpm | Curent rated A | Curent start A | Cos φ | Efficiency % |
| Bold defines faster delivery | | | | | | | | | | |
| 44 | | ST6 | 13 | 4.52 | 0.12 | 900 | 0.8 | 1.6 | 0.51 | 37 |
| 44 | | | 19 | 3.23 | 0.12 | 900 | 0.8 | 1.6 | 0.51 | 37 |
| 44 | | | 28 | 2.14 | 0.44 | 1800 | 1.1 | 5 | 0.7 | 70 |
| 44 | | | 36 | 1.67 | 0.44 | 1800 | 1.1 | 5 | 0.7 | 70 |
| 44 | | | 55 | 1.09 | 0.44 | 1800 | 1.1 | 5 | 0.7 | 70 |
| 44 | | | 73 | 0.82 | 0.60 | 3600 | 1.6 | 5 | 0.9 | 53 |
| 44 | | | 110 | 0.55 | 0.60 | 3600 | 1.6 | 5 | 0.9 | 53 |
| 103 | | ST14 | 13 | 4.52 | 0.44 | 1800 | 1.1 | 5 | 0.7 | 70 |
| 103 | | | 19 | 3.23 | 0.44 | 1800 | 1.1 | 5 | 0.7 | 70 |
| 103 | | | 28 | 2.14 | 0.60 | 1800 | 1.5 | 5 | 0.78 | 65 |
| 103 | | | 36 | 1.67 | 0.60 | 3600 | 1.6 | 5 | 0.9 | 53 |
| 103 | | | 55 | 1.09 | 1.80 | 3600 | 3.4 | 24 | 0.88 | 77 |
| 103 | | | 73 | 0.82 | 1.08 | 1800 | 2.7 | 14 | 0.7 | 77 |
| 103 | | | 110 | 0.55 | 1.80 | 3600 | 3.4 | 24 | 0.88 | 77 |
| 103 | | | 144 | 0.42 | 1.80 | 3600 | 3.4 | 24 | 0.88 | 77 |
| 221 | | ST30 | 19 | 3.16 | 1.08 | 1800 | 2.7 | 14 | 0.7 | 77 |
| 221 | | | 28 | 2.14 | 1.80 | 1800 | 3.7 | 21 | 0.82 | 75 |
| 221 | | | 36 | 1.67 | 1.80 | 3600 | 3.4 | 24 | 0.88 | 77 |
| 221 | | | 55 | 1.09 | 2.64 | 3600 | 4.4 | 33 | 0.89 | 82 |
| 221 | | | 73 | 0.82 | 2.64 | 1800 | 5.1 | 27 | 0.81 | 76 |
| 221 | | | 110 | 0.55 | 2.64 | 3600 | 4.4 | 33 | 0.89 | 82 |
| 221 | | | 144 | 0.42 | 2.64 | 3600 | 4.4 | 33 | 0.89 | 82 |
| 516 | | ST70 | 19 | 3.16 | 2.64 | 1800 | 5.1 | 27 | 0.81 | 76 |
| 516 | | | 28 | 2.14 | 3.60 | 1800 | 7.2 | 37 | 0.79 | 77 |
| 516 | | | 36 | 1.67 | 3.60 | 3600 | 6.4 | 49 | 0.81 | 84 |
| 516 | | | 55 | 1.09 | 3.60 | 3600 | 6.4 | 49 | 0.81 | 84 |
| 516 | | | 73 | 0.82 | 4.80 | 1800 | 9.1 | 52 | 0.79 | 80 |
| 516 | | | 110 | 0.55 | 5.40 | 3600 | 9.2 | 69 | 0.85 | 80 |
| 480 | | | 144 | 0.42 | 5.40 | 3600 | 9.2 | 69 | 0.85 | 80 |
| 398 | | | 226 | 0.27 | 5.40 | 3600 | 9.2 | 69 | 0.85 | 80 |

| Max torque ft-lbs | Operating Time Max | Type | Speed rpm | T/Turn sec/tou | Power Kw | S4 service - D.R. : 30% | | | | |
|-------------------|--------------------|-------------|-------------------------------------|----------------|-------------|-------------------------|----------------|----------------|-------------|--------------|
| | | | | | | Speed rpm | Curent rated A | Curent start A | Cos φ | Efficiency % |
| | Minutes | | Bold defines faster delivery | | | | | | | |
| 44 | 3 | ST6 | 28 | 2.14 | 0.36 | 1800 | 6 | 19 | 0.9 | 57 |
| 44 | 3 | | 36 | 1.67 | 0.36 | 1800 | 6 | 19 | 0.9 | 57 |
| 44 | 3 | | 55 | 1.09 | 0.36 | 1800 | 6 | 19 | 0.9 | 57 |
| 37 | 1 min 30 | | 73 | 0.82 | 0.37 | 3600 | 11 | 37 | 0.94 | 31 |
| 30 | 1 min 30 | | 110 | 0.55 | 0.37 | 3600 | 11 | 37 | 0.94 | 31 |
| 103 | 4 | ST14 | 13 | 4.52 | 0.37 | 1800 | 5.6 | 43 | 0.9 | 26 |
| 103 | 4 | | 19 | 3.23 | 0.37 | 1800 | 5.6 | 43 | 0.9 | 63 |
| 103 | 4 | | 28 | 2.14 | 0.37 | 1800 | 5.6 | 43 | 0.9 | 63 |
| 74 | 4 | | 73 | 0.82 | 0.37 | 1800 | 5.6 | 43 | 0.9 | 63 |

3 PH 460 V 60 Hz Class III

| Max torque ft-lbs | Permanent torque ft-lbs | Type | Speed rpm | T/Turn sec/tou | Power Kw | S4 service - D.R. : 50% | | | | |
|-------------------|-------------------------|-------------|-------------------------------------|----------------|-------------|-------------------------|----------------|----------------|-------------|--------------|
| | | | | | | Speed rpm | Curent rated A | Curent start A | Cos φ | Efficiency % |
| | | | Bold defines faster delivery | | | | | | | |
| 44 | 22 | ST6 | 13 | 4.52 | 0.12 | 900 | 0.8 | 1.6 | 0.51 | 37 |
| 44 | 22 | | 19 | 3.23 | 0.12 | 900 | 0.8 | 1.6 | 0.51 | 37 |
| 44 | 22 | | 28 | 2.14 | 0.44 | 1800 | 1.1 | 5.0 | 0.70 | 70 |
| 44 | 22 | | 36 | 1.67 | 0.44 | 1800 | 1.1 | 5.0 | 0.70 | 70 |
| 44 | 22 | | 55 | 1.09 | 0.44 | 1800 | 1.1 | 5.0 | 0.70 | 70 |
| 103 | 52 | ST14 | 13 | 4.52 | 0.44 | 1800 | 1.1 | 5.0 | 0.70 | 70 |
| 103 | 52 | | 19 | 3.23 | 0.44 | 1800 | 1.1 | 5.0 | 0.70 | 70 |
| 103 | 52 | | 28 | 2.14 | 0.60 | 1800 | 1.5 | 5.0 | 0.78 | 65 |
| 103 | 52 | | 73 | 0.82 | 1.08 | 1800 | 2.7 | 14.0 | 0.70 | 77 |
| 221 | 111 | ST30 | 19 | 3.16 | 1.08 | 1800 | 2.7 | 14.0 | 0.70 | 77 |
| 221 | 111 | | 28 | 2.14 | 1.80 | 1800 | 3.7 | 21.0 | 0.82 | 75 |
| 221 | 111 | | 73 | 0.82 | 2.64 | 1800 | 5.1 | 27.0 | 0.81 | 76 |
| 516 | 258 | ST70 | 19 | 3.16 | 2.64 | 1800 | 5.1 | 27.0 | 0.81 | 76 |
| 516 | 258 | | 28 | 2.14 | 3.60 | 1800 | 7.2 | 37.0 | 0.79 | 77 |
| 516 | 258 | | 73 | 0.82 | 4.80 | 1800 | 9.1 | 52.0 | 0.79 | 80 |

1 PH 115 V 60 Hz Class III

| Max torque ft-lbs | Permanent Torque ft-lbs | Type | Speed rpm | T/Turn sec/tou | Power Kw | S4 service - D.R. : 50% | | | | |
|-------------------------------------|----------------------------|-------------|--------------|-------------------|-------------|-------------------------|-------------------|-------------------|------------|-----------------|
| | | | | | | Speed rpm | Curent rated A | Curent start A | Cos φ | Efficiency % |
| Bold defines faster delivery | | | | | | | | | | |
| 44 | 22 | ST6 | 28 | 2.14 | 0.36 | 1700 | 6 | 19.0 | 0.9 | 57 |
| 41 | 22 | | 36 | 1.67 | 0.36 | 1700 | 6 | 19.0 | 0.9 | 57 |
| 30 | 22 | | 55 | 1.09 | 0.36 | 1700 | 6 | 19.0 | 0.9 | 57 |
| 103 | 52 | ST14 | 13 | 4.52 | 0.37 | 1800 | 5.6 | 43.0 | 0.9 | 63 |
| 103 | 52 | | 19 | 3.23 | 0.37 | 1800 | 5.6 | 43.0 | 0.9 | 63 |
| 89 | 52 | | 28 | 2.14 | 0.37 | 1800 | 5.6 | 43.0 | 0.9 | 63 |
| 48 | 48 | | 73 | 0.82 | 0.37 | 1800 | 5.6 | 43.0 | 0.9 | 63 |