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| Issued Date | 9/24/2019 | Transmit # | |
| Issued By | dschoeck | Issued Rev | |

TYPICAL MOTOR PERFORMANCE DATA

Model: 0106XDSB47A-P

| | | | | | | | | |
|-----------|-----|------------|--------|-------|----------------|-------------|----------|--------------|
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 10 | 7.5 | 6 | 1170 | 256TC | 460 | 60 | 3 | 13.4 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 56 | F | 1.15 | CONT | 91 | B | H | 40 C |

| Load | HP | kW | Amperes | Efficiency (%) | Power Factor (%) |
|--------------|------|-----|---------|----------------|------------------|
| Full Load | 10 | 7.5 | 13.4 | 91.0 | 79.2 |
| ¾ Load | 7.50 | 5.6 | 10.5 | 90.8 | 73.7 |
| ½ Load | 5.00 | 3.7 | 8.4 | 88.9 | 62.4 |
| ¼ Load | 2.50 | 1.9 | 7.0 | 81.7 | 40.7 |
| No Load | | | 5.8 | | 5.1 |
| Locked Rotor | | | 81 | | 47.0 |

| Torque | | | | Rotor wk ² Inertia (lb-ft ²) |
|----------------------|-------------------------|--------------------|-----------------------|---|
| Full Load (lb-ft) | Locked Rotor (% FLT) | Pull Up (% FLT) | Break Down (% FLT) | |
| 44.9 | 250 | 225 | 275 | 2.65 |

| Safe Stall Time(s) | | Sound Pressure dB(A) @ 1M | Bearings* | | Approx. Motor Weight (lbs) |
|--------------------|-----|------------------------------|-----------|--------|-------------------------------|
| Cold | Hot | | DE | NDE | |
| 35 | 15 | - | 6309C3 | 6309C3 | 320 |

*Bearings are the only recommended spare part(s).

Motor Options:

Product Family:EQP Global 841 CFace Footed
Mounting:C-Face Footed,Shaft:T Shaft

| | |
|-------------|--|
| Customer | |
| Customer PO | |
| Sales Order | |
| Project # | |

Tag:

All characteristics are average expected values.

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|-------------|----------|------------------|-------------|-------------|---------------|
| Engineering | bmmamen | Doc. Written By | D. Suarez | Doc.# / Rev | MPCF-1119 / 1 |
| Engr. Date | 3/6/2019 | Doc. Approved By | M. Campbell | Doc. Issued | 9/20/2019 |



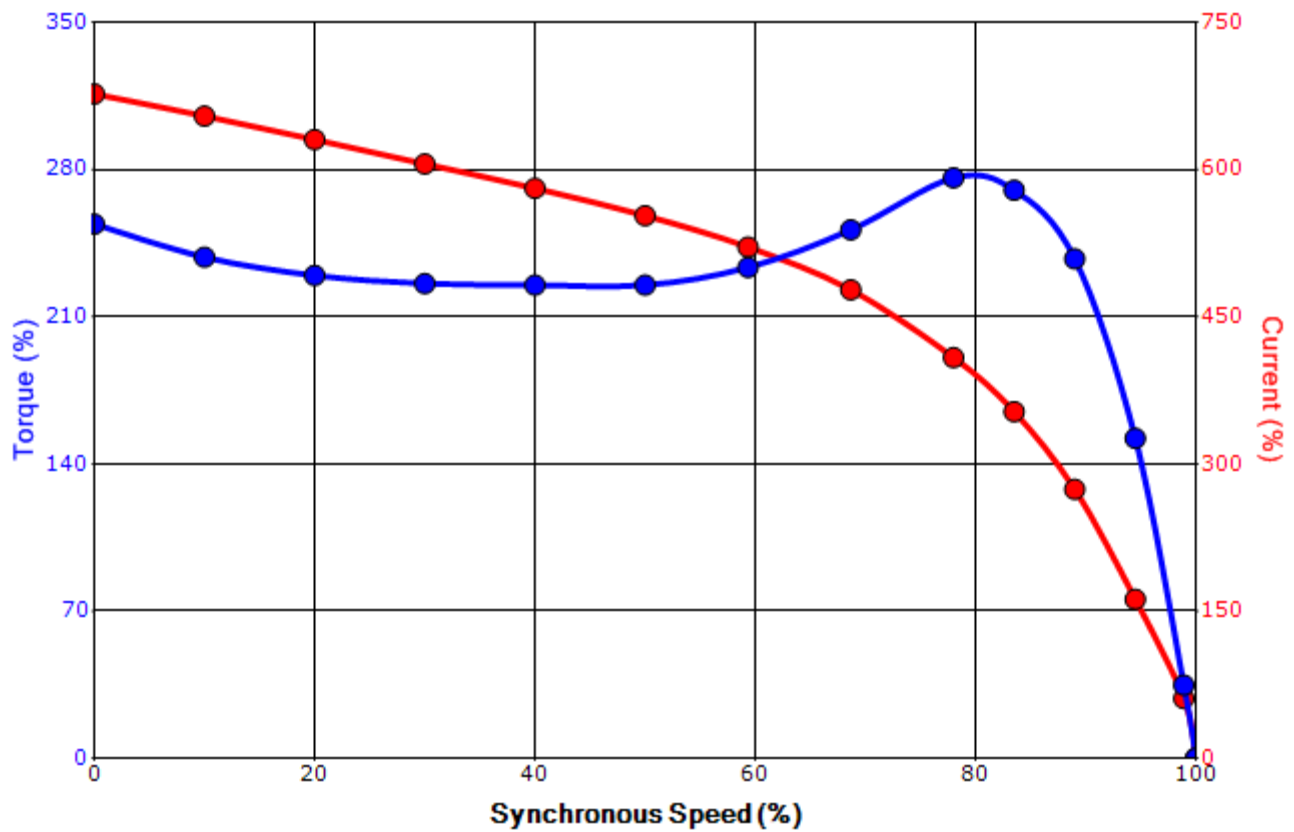
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SPEED TORQUE/CURRENT CURVE

Model: 0106XDSB47A-P

| | | | | | | | | |
|-------------------|---|-------------------|------------------|-------|----------------|-------------|----------------|--------------|
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 10 | 7.5 | 6 | 1170 | 256TC | 460 | 60 | 3 | 13.4 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 56 | F | 1.15 | CONT | 91 | B | H | 40 C |
| Locked Rotor Amps | Rotor wk ² Inertia (lb-ft ²) | Torque | | | | Pull Up (%) | Break Down (%) | |
| | | Full Load (lb-ft) | Locked Rotor (%) | | | | | |
| 81 | 2.65 | 44.9 | 250 | | 225 | 275 | | |

Design Values



| | | | |
|-------------|--|--|-----|
| Customer | | wk ² Load Inertia (lb-ft ²) | - |
| Customer PO | | Load Type | - |
| Sales Order | | Voltage (%) | 100 |
| Project # | | Accel. Time | - |

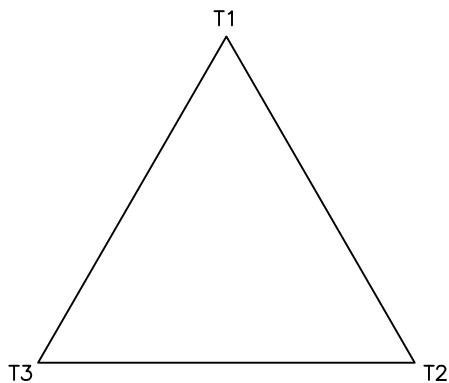
Tag:

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|-------------|----------|------------------|-------------|-------------|-------------|
| Engineering | bmammen | Doc. Written By | D. Suarez | Doc.# / Rev | MPCF-1121/1 |
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Motor Connection Diagram
3 Leads - Delta Connection



Switch L1 and L2 to reverse rotation

Each lead may consist of more than one cable.
If multiple cables represent a single lead, each one
of them will be labeled with the appropriate lead number.