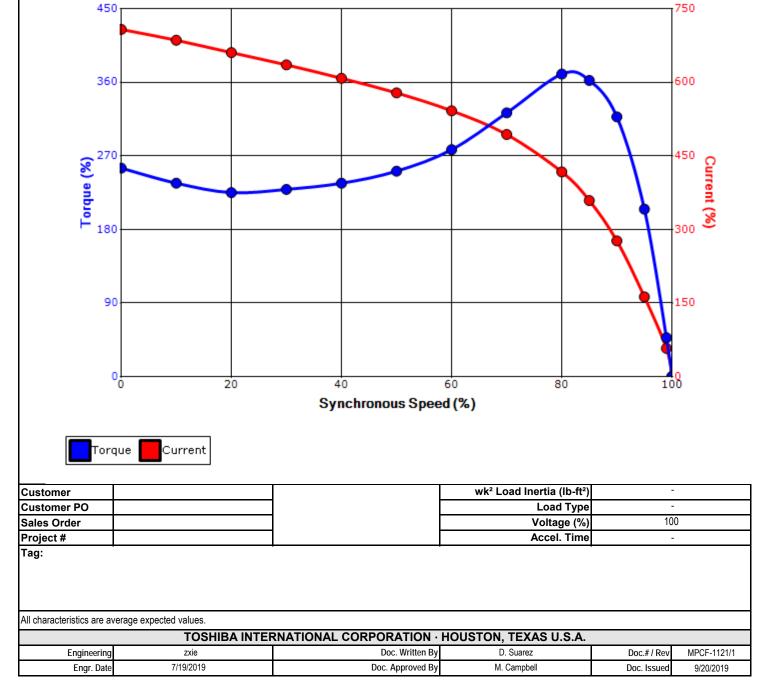
| | .250 | +.002 000 | | Ø 9.6 | |
|---|-------------------------|------------------------|-------------------------|---|---------------------------|
| | | | | Ø 8.78 | > |
| 15.5 | | | | Ø 8.500 | _ |
| | 2.62 | 986. | | | 450 |
| | | .75" NPT CONDUIT | 6.4 | | 07.250 |
| UNITS: INCHES | | | NOTES: | | |
| ROTATION FROM NDE | | | | MAY BE ROTATED IN 90 [®] 1 SES BI-DIRECTIONAL FAN. OPPO | |
| | | | AVAILABLE ONLY BY CONNI | ECTION CHANGE. | |
| | | | 3. KEY DIMENSIONS EQU | JAL 0.250"x 0.250"x 1.75" | (MOTOR SUPPLIED WITH KEY) |
| TOSHIBA RESERVES THE RIGHT TO MAKE CHANGES OF TECHN | IICAL IMPROVEMENT AND T | THE DATA MAY CHANGE V | VITHOUT NOTICE | | PRELIMINARY |
| DO NOT USE FOR CONSTRUCTION, INSTALLATION, OR APPLICATI | ION PURPOSES UNLESS THI | E DRAWING IS MARKED AS | S CERTIFIED | | X CERTIFIED |
| | TOTALLY ENCLOS | ED FAN COOLED | DRAWING #: MD | SLV205-02 | |
| | ROUND BOD | Y C-FACED | REV. DATE: 06 | 6/21/18 REV. #: 2 | PER.: M. O'DOWD |
| www.toshiba.com/tic | 3 PHASE INDUC | CTION MOTOR | REV. DESCRIP.: | | |
| TOSHIBA INTERNATIONAL CORPORATION | 182TC-184TC | F1 ASSEMBLY | | | |

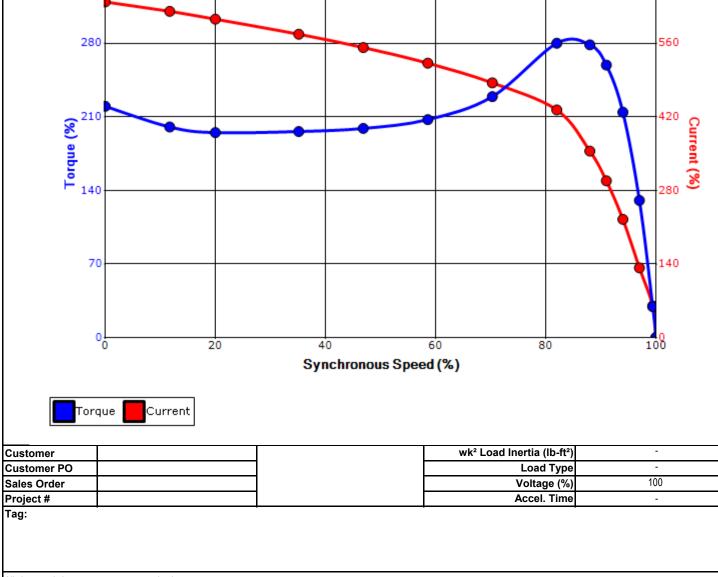
| | | | | Issued Date | 12/18/2019 | | Transmit # | |
|---|--------------------|-------------------------|------------------|----------------|---------------------|----------------|----------------------------|----------------------------------|
| | | | | Issued By | dschoeck | | Issued Rev | |
| | 0054SDSR44A-P | TYF | PICAL MOTO | OR PERFORM | IANCE DATA | | | |
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 5 | 3.7 | 4 | 1750 | 184TC | 230/460 | 60 | 3 | 13.0/6.5 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 55 | F | 1.15 | CONT | 89.5 | B | J | 40 C |
| | | | | | | <u> </u> | | |
| Load | HP | kW | Amp | eres | Efficiency | (%) | Power Fa | actor (%) |
| Full Load | 5 | 3.7 | 6.4 | | 89.7 | | 81. | 2 |
| ³ ⁄ ₄ Load | 3.75 | 2.8 | 5.0 | 0 | 89.3 | | 77. | 6 |
| 1/2 Load | 2.50 | 1.9 | 4.0 | 0 | 87.6 | | 69. | 1 |
| 1/4 Load | 1.25 | 0.9 | 2.8 | 8 | 81.7 | | 51. | 1 |
| No Load | | | 2.1 | 7 | | | 5.9 | 9 |
| Locked Rotor | | | 46 | | | | 52. | 8 |
| | - | | T | | | | | Determul 2 |
| Full L | | Looko | Torqu d Rotor | | l Up | Bro | ak Down | Rotor wk ² Inertia |
| - | | | | | FLT) | | | |
| (lb-1 15 | - | 25 | FLT) | 24 | | (7 | % FLT) 370 | (Ib-ft²) 0.50 |
| Safe Stall | Time(s) | Sound | | | | | | |
| Cold | Hot | Pressure | | Bearing | lgs* | | Approx. Motor Weight | |
| Cold | пос | dB(A) @ 1M | D | E | NDE | | (lbs) | |
| 35 | 15 | - | 6306Z | ZC3 | 6306ZZC3 | | 115 | |
| *Bearings are the only r Motor Options: Product Family:EQP G Mounting:C-Face Roun | lobal SD | re part(s). | | | | | | |
| | | | | | | | | |
| Customer | | | | | | | | |
| Customer PO | | | | | | | | |
| Sales Order | | | | | | | | |
| Project # | | | | | | | | |
| Tag: | | | | | | | | |
| | | | | | | | | |
| All characteristics are a | verage expected va | alues. | | | | | | |
| All characteristics are a | verage expected va | alues. TOSHIBA INTER | RNATIONAL CO | RPORATION · F | IOUSTON, TEX | AS U.S.A. | | |
| All characteristics are av | | | RNATIONAL CO | DRPORATION • F | IOUSTON, TEX | | Doc.# / Rev | MPCF-1119/1 |
| | | TOSHIBA INTER | RNATIONAL CC | | | | Doc.# / Rev Doc. Issued | |

| | | | | Issued Date | 12/18/2019 | | Transmit # | |
|--|--|--------------------------------------|--------------|---|--------------------|-----------|------------|-----------------------|
| | | | | Issued By | dschoeck | | Issued Rev | |
| | SHIB | | | | | | | |
| | | TYF | PICAL MOTO | | IANCE DATA | | | |
| | | | | | | | | |
| Model: | 0054SDSR44A-P | | | | | | | |
| | | | | | | | | |
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 5 | 3.7 | 4 | 1430 | 184TC | 190/380 | 50 | 3 | 16.6/8.3 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA | NEMA | kVA Code | Ambient |
| | | | | - | Nom. Eff. | Design | | (°C) |
| TEFC | 55 | F | 1.0 | CONT | 86.5 | В | Н | 40 C |
| | | | | | | | | |
| | | | | | | | | |
| Load | HP | kW | Amn | | Efficiency | (0/) | Power Fa | actor (%) |
| Full Load | 5 | 3.7 | Amp 8.3 | | Efficiency 86.4 | (70) | 79. | |
| ³ ⁄ ₄ Load | 3.75 | 2.8 | 6.5 | | 87.7 | | 79. | |
| ¹ / ₂ Load | 2.50 | 1.9 | 5.0 | | 87.1 | | 64. | |
| | 1.25 | 0.9 | 4.(| | 81.1 | | 43. | |
| ¼ Load No Load | 1.25 | 0.9 | 3.8 | | 01.1 | | 43. 6. | - |
| | | - | 52. | | | | 63. | |
| Locked Rotor | | | JZ. | 9 | | | 03. | 2 |
| | | | | | | | | |
| | | | | | | | | |
| | | | Torqu | ۵ | | | | Rotor wk ² |
| Full Lo | oad | Locker | d Rotor | | ll Up | Bro | ak Down | Inertia |
| (lb-f | | | FLT) | (% | - | | 6 FLT) | (lb-ft²) |
| 18.4 | | 22 | | - | 00 | (/ | 280 | 0.43 |
| 10.4 | | | 20 | 20 | 50 | | 200 | 0.45 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| Safe Stall | Time(s) | Sound | | | | | | |
| Safe Stall | | Sound Pressure | | Bearing | js* | | Approx. Mo | otor Weight |
| Safe Stall Cold | Time(s) Hot | | D | _ | js* NDE | | Approx. Mo | - |
| Cold | Hot | Pressure | | E | NDE | | (1b | os) |
| | | Pressure | DI 6306ZZ | E | | | | os) |
| Cold | Hot | Pressure | | E | NDE | | (1b | os) |
| Cold | Hot 15 | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 | Hot 15 | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EOP Gi | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gl Mounting:C-Face Roun | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # | Hot 15 ecommended spare | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # Tag: | Hot 15 ecommended spare obal SD d,Shaft:T Shaft | Pressure dB(A) @ 1M | | E | NDE | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # | Hot 15 ecommended spare obal SD d,Shaft:T Shaft | Pressure dB(A) @ 1M e part(s). | 6306ZZ | E | NDE 6306ZZC3 | | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # Tag: | Hot 15 ecommended spare obal SD d,Shaft:T Shaft | Pressure dB(A) @ 1M | 6306ZZ | | NDE 6306ZZC3 | AS U.S.A. | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP GI Mounting:C-Face Roun Customer Customer Customer PO Sales Order Project # Tag: | Hot 15 ecommended spare obal SD d,Shaft:T Shaft | Pressure dB(A) @ 1M e part(s). | 6306ZZ | E 2C3 PRPORATION • H Doc. Written By | NDE 6306ZZC3 | AS U.S.A. | (1b | os) |
| Cold 35 *Bearings are the only re Motor Options: Product Family:EQP Gle Mounting:C-Face Roun Customer Customer PO Sales Order Project # Tag: All characteristics are av | Hot 15 ecommended spare obal SD d,Shaft:T Shaft //erage expected va | Pressure dB(A) @ 1M e part(s). | 6306ZZ | | NDE 6306ZZC3 | AS U.S.A. | (lb | 5 5 MPCF-1119/1 |

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|----------------------|------------------------------|----------------|-----------------|-------------|-------------------|----------------|------------|-----------------|
| | | - | | Issued By | dschoeck | (| Issued Rev | |
| | SHIB 0054SDSR44A-P | A SI | | UE/CURREN | T CURVE | | | |
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 5 | 3.7 | 4 | 1750 | 184TC | 230/460 | 60 | 3 | 13.0/6.5 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 55 | F | 1.15 | CONT | 89.5 | В | J | 40 C |
| Looked Deter | Rotor wk ² | | | | Torque | | | |
| Locked Rotor Amps | Inertia | Full Load | Locked | Rotor | Pull U | р | Break | Down |
| Amps | (lb-ft²) | (lb-ft) | (lb-ft) (%) (%) | | | |) | |
| 46 | 0.50 | 15 255 240 370 | | | | |) | |
| | | | De | sign Valu | es | | | |



| | | | | Issued Date | 12/18/201 | 9 | Transmit # | |
|----------------------|-----------------------|------------|-----------|-------------|-------------------|----------------|------------|-----------------|
| | | - | | Issued By | dschoecl | K | Issued Rev | |
| | O054SDSR44A-P | S | PEED TORQ | UE/CURREN | T CURVE | | | |
| HP | kW | Pole | FL RPM | Frame | Voltage | Hz | Phase | FL Amps |
| 5 | 3.7 | 4 | 1430 | 184TC | 190/380 | 50 | 3 | 16.6/8.3 |
| Enclosure | IP | Ins. Class | S.F. | Duty | NEMA Nom. Eff. | NEMA Design | kVA Code | Ambient (°C) |
| TEFC | 55 | F | 1.0 | CONT | 86.5 | В | Н | 40 C |
| Leeked Deter | Rotor wk ² | | | | Torque | | | |
| Locked Rotor Amps | Inertia | Full Load | Locked | Rotor | Pull Up | | Break | Down |
| Allips | (lb-ft²) | (lb-ft) | (% | b) | (%) | | (% | b) |
| 52.9 | 0.43 | 18.4 | 220 | | 200 | | 28 | 0 |
| 35 | _ | | De | sign Valu | es | | | 700 |



| All characteristics are average expected values. | | | | | | | | | |
|---|----------|------------------|-------------|-------------|-------------|--|--|--|--|
| TOSHIBA INTERNATIONAL CORPORATION · HOUSTON, TEXAS U.S.A. | | | | | | | | | |
| Engineering | garce | Doc. Written By | D. Suarez | Doc.# / Rev | MPCF-1121/1 | | | | |
| Engr. Date | 6/5/2015 | Doc. Approved By | M. Campbell | Doc. Issued | 9/20/2019 | | | | |

