TECO Westinghouse

| ISSUED | | ENCLOSURE |
|---|---|---|
| 11/1/2018 | **PERFORMANCE DATA** | WPI |
| TYPE | **3-PHASE INDUCTION MOTOR** | CATALOG# |
| AMRKNH | | VHKP3008 |

## NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTS | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|---|---|---|---|---|---|---|---|---|---|---|
| HP | KW | | | | | | | | | |
| 300 | 224 | 8 | 5808 | 2300/4000 | 60 | 40°C | F | B | CONT. | 1.15 |

## TYPICAL PERFORMANCE

| FULL LOAD RPM | EFFICIENCY | | | | POWER FACTOR | | | MAXIMUM POWER FACTOR CORRECTION |
|---|---|---|---|---|---|---|---|---|
| | FULL LOAD | | 3/4 LOAD | 1/2 LOAD | FULL LOAD | 3/4 LOAD | 1/2 LOAD | |
| | MIN% | NOM% | % | % | % | % | % | |
| 890 | 92.4 | 93.6 | 93.4 | 92.5 | 76.9 | 72.2 | 61.5 | 131.1 KVAR |

| CURRENTS | | | | | | NEMA KVA CODE LETTER |
|---|---|---|---|---|---|---|
| NO LOAD | | FULL LOAD | | LOCKED ROTOR | | |
| AT 2300 VOLT | AT 4000 VOLT | AT 2300 VOLT | AT 4000 VOLT | AT 2300 VOLT | AT 4000 VOLT | |
| 32.9 | 18.9 | 77.0 | 44.3 | 475.0 | 273.1 | G |

| TORQUE | | | | INERTIA | | | ACCEL TIME | |
|---|---|---|---|---|---|---|---|---|
| FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT | ROTOR $WR^2$ $lb\text{-}ft^2$ | NEMA LOAD $WK^2$ $lb\text{-}ft^2$ | MAX ALLOWABLE $WK^2$ $lb\text{-}ft^2$ | NEMA LOAD $WK^2$ Sec. | MAX ALLOWABLE $WK^2$ Sec. |
| 1770 | 90 | 80 | 190 | 463 | 6541 | 13082 | 8.1 | 15.6 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|---|---|---|---|---|
| COLD | HOT | COLD | HOT | |
| 20 | 17 | 2 | 1 | 78 |

| APPROVED: | K. Lo | DRAWING NO. | 3A057VHKP3008 | REV. |
|---|---|---|---|---|