

TECO Westinghouse

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| ISSUED 11/1/2018 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE WPI |
| TYPE AMRKED | | CATALOG# VSKP9004 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTS | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|-------------|------------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 900 | 671 | 4 | 5810 | 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% | % | % | % | % | % | |
| 1786 | 94.5 | 95.4 | 95.2 | 94.3 | 86.6 | 84.4 | 75.5 | 239.0 KVAR |

CURRENTS

| NO LOAD | | FULL LOAD | | LOCKED ROTOR | | NEMA KVA CODE LETTER |
|-------------|-------------|--------------|--------------|---------------|--------------|----------------------|
| AT | AT | AT | AT | AT | AT | |
| 2300 VOLT | 4000 VOLT | 2300 VOLT | 4000 VOLT | 2300 VOLT | 4000 VOLT | |
| 60.0 | 34.5 | 205.0 | 117.9 | 1424.0 | 818.8 | G |

TORQUE

INERTIA

ACCEL TIME

| FULL LOAD | LOCKED ROTOR | PULL UP | BREAK DOWN | ROTOR WR ² | NEMA LOAD WK ² | MAX ALLOWABLE WK ² | NEMA LOAD WK ² | MAX ALLOWABLE WK ² |
|-------------|--------------|-----------|------------|-----------------------|---------------------------|-------------------------------|---------------------------|-------------------------------|
| lb-ft | %FLT | %FLT | %FLT | lb-ft ² | lb-ft ² | lb-ft ² | Sec. | Sec. |
| 2640 | 100 | 90 | 200 | 336 | 3108 | 4973 | 5.04 | 7.77 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 14 | 11 | 2 | 1 | |

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|-----------|--------------|-------------|----------------------|------|
| APPROVED: | K. Lo | DRAWING NO. | 3A057VSKP9004 | REV. |
|-----------|--------------|-------------|----------------------|------|