

TECO Westinghouse

| | | |
|------------------------------|--------------------------------|---------------------------|
| ISSUED May 5, 2016 | PERFORMANCE DATA | ENCLOSURE ODP |
| TYPE AMHG | 3-PHASE INDUCTION MOTOR | CATALOG# PG3004 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|-------------|------------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 300 | 224 | 4 | 449T | 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 % | F. L. % | 3/4 LOAD | 1/2 LOAD % | |
| | MIN. % | NOM. % | | | | | | |
| 1775 | 94.5 | 95.0 | 94.5 | 93.4 | 83.8 | 80.2 | 72.0 | 113 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 | |
| 24.9 | 15.7 | 71.0 | 41.0 | 474.0 | 272.6 | G |

TORQUE

INERTIA

ACCEL TIME

| FULL LOAD lb-ft | LOCKED ROTOR %FLT | PULL UP %FLT | BREAK DOWN %FLT | ROTOR WR ² lb-ft ² | NEMA LOAD WK ² lb-ft ² | MAX ALLOWABLE WK ² lb-ft ² | NEMA LOAD WK ² Sec | MAX ALLOWABLE WK ² Sec |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| | | | | | | | | |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 17 | 12 | 2 | 1 | 87 |

APPROVED:

M. PRATER

DRAWING NO.

31057PG3004

REV. **0**