

TECO Westinghouse

| | | |
|---------------------------|--------------------------------|----------------------------|
| ISSUED 07/09/10 | PERFORMANCE DATA | ENCLOSURE ODP |
| TYPE ASHH | 3-PHASE INDUCTION MOTOR | CATALOG# DHP4504 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTAGE | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|------------|----------|--------------|------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 450 | 336 | 4 | 5009B | 460 | 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. % | % | % | % | % | % | |
| 1781 | 95.4 | 96.2 | 95.6 | 94.8 | 88.0 | 84.5 | 81.5 | 117 KVAR |

CURRENTS

| NO LOAD | FULL LOAD | LOCKED ROTOR | NEMA KVA CODE LETTER |
|--------------|------------|--------------|----------------------|
| 146.5 | 498 | 3250 | 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 |
|-----------------|-------------------|--------------|-----------------|--|--|--|-------------------------------|-----------------------------------|
| 1327 | 105 | 90 | 210 | 140 | - | 1714 | - | 5.16 |

SAFE STALL TIME IN SECONDS

ALLOWABLE STARTS PER HOUR

SOUND PRESSURE LEVEL @ 3 FT dB(A)

| COLD | HOT | COLD | HOT | 85 |
|-----------|-----------|----------|----------|----|
| 20 | 15 | 2 | 1 | |

APPROVED:

M. PRATER

DRAWING NO.

3A057DHP4504

REVISION **0**