

TECO Westinghouse

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| ISSUED 4/7/2015 | PERFORMANCE DATA 3-PHASE INDUCTION MOTOR | ENCLOSURE ODP |
| TYPE ASGH | | CATALOG# DTP0254 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTS | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|--------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 25 | 18.65 | 4 | 284T | 230/460 | 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 | FULL LOAD | 3/4 LOAD | 1/2 LOAD | |
| | MIN% | NOM% | % | % | | | | |
| 1765 | 92.4 | 93.6 | 93.5 | 93.0 | 85.0 | 82.0 | 74.0 | 6.60 KVAR |

CURRENTS

| NO LOAD | | | | FULL LOAD | | | | LOCKED ROTOR | | | | NEMA KVA CODE LETTER |
|-------------|-------------|-------------|------------|-------------|-------------|-------------|-------------|--------------|--------------|--------------|--------------|----------------------|
| AT | AT | AT | AT | AT | AT | AT | AT | AT | AT | AT | AT | |
| 200 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 200 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | 200 VOLT | 208 VOLT | 230 VOLT | 460 VOLT | |
| 14.7 | 15.9 | 19.5 | 9.8 | 67.6 | 65.0 | 58.8 | 29.4 | 318.3 | 331.0 | 366.0 | 183.0 | G |

TORQUE

INERTIA

ACCEL TIME

| FULL LOAD | LOCKED ROTOR | PULL UP | BREAK DOWN | ROTOR | NEMA | MAX | NEMA | MAX |
|--------------|--------------|------------|------------|--------------------|--------------------|--------------------|-----------------|-----------------|
| lb-ft | %FLT | %FLT | %FLT | WR ² | LOAD | ALLOWABLE | LOAD | ALLOWABLE |
| | | | | lb-ft ² | WK ² | WK ² | WK ² | WK ² |
| | | | | | lb-ft ² | lb-ft ² | Sec. | Sec. |
| 74.37 | 210 | 165 | 235 | 3.713 | 122 | 366 | 4.74 | 13.95 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 17 | 12 | 2 | 1 | 62 |

| | | | | |
|------------------|------------------|--------------------|---------------------|---------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057DTP0254 | REV. 0 |
|------------------|------------------|--------------------|---------------------|---------------|