

TECO Westinghouse

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| ISSUED 8/18/2015 | PERFORMANCE DATA | ENCLOSURE ODP |
| TYPE ASGH-SGR | 3-PHASE INDUCTION MOTOR | CATALOG# DTP0106G |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTS | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|-----------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 10 | 7.46 | 6 | 256T | 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% | | | | | | |
| 1165 | 90.2 | 91.7 | 90.0 | 89.5 | 79.5 | 73.5 | 61.0 | 4.13 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 | |
| 9.2 | 10.0 | 12.2 | 6.1 | 29.6 | 28.4 | 25.7 | 12.9 | 140.9 | 146.5 | 162.0 | 81.0 | H |

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. |
|-----------------|-------------------|--------------|-----------------|--|--|--|--------------------------------|------------------------------------|
| 45.07 | 230 | 180 | 240 | 2.859 | 137 | 411 | 5.50 | 16.28 |

| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 25 | 18 | 2 | 1 | 61 |

| | | | | |
|-----------|------------------|-------------|----------------------|---------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057DTP0106G | REV. 0 |
|-----------|------------------|-------------|----------------------|---------------|