

DATE
MAY 28, 2009
CATALOG # DTP7/54

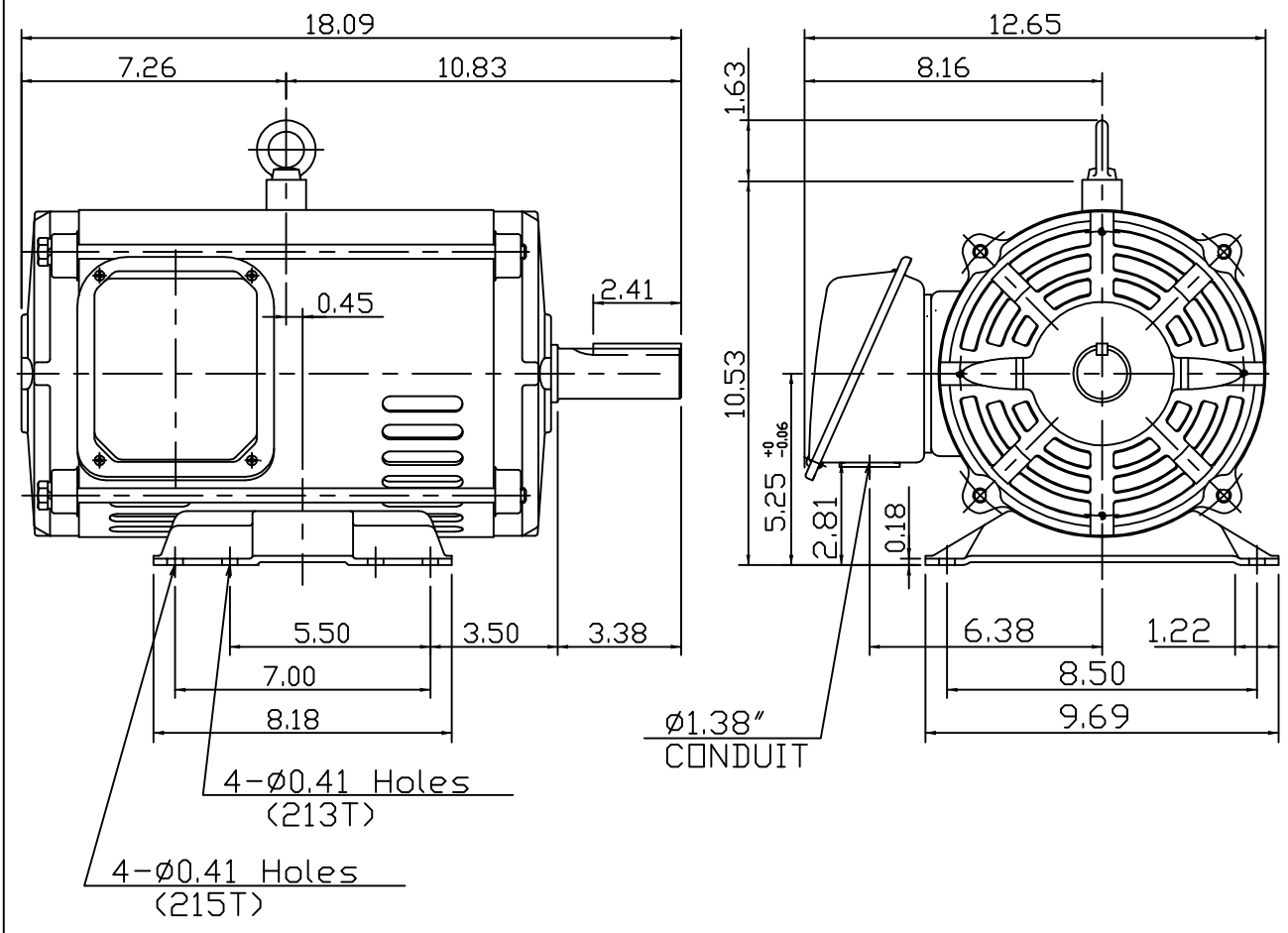
OUTLINE DIMENSIONS
3-PHASE INDUCTION MOTOR

MOTOR TYPE:
ASGH
FRAME NO. 213T

| Pole | HP | kW | Hz | VOLT | Syn.Speed r/min(rpm) |
|------|-----|-----|----|---------|-------------------------|
| 4 | 7.5 | 5.6 | 60 | 230/460 | 1800 |

| Ins | Rating | Dimension in | Approx Weight | Bearings |
|-----|--------|--------------|---------------|----------------------------|
| F | CONT. | inches | 104 lbs. | DE: 6208ZZC3 NDE: 6206ZZC3 |

Open Protected Drip-Proof Squirrel Cage Rotor.



| | | |
|-------|-----------|----------|
| DWN. | J.H.LIANG | 04-28-08 |
| CHKD. | H.C.YAN | 05-05-08 |
| APPD. | M.C.TSAI | 05-05-08 |



DWG NO.
31049R172010

TECO Westinghouse

| | | |
|----------------------------|--------------------------------|----------------------------|
| ISSUED 6/23/2015 | PERFORMANCE DATA | ENCLOSURE ODP |
| TYPE ASGH | 3-PHASE INDUCTION MOTOR | CATALOG# DTP7/54 |

NAMEPLATE INFORMATION

| OUTPUT | | POLE | FRAME SIZE | VOLTS | HZ | RATED AMBIENT | INS. CLASS | NEMA DESIGN | TIME RATING | SERVICE FACTOR |
|------------|-------------|----------|-------------|----------------|-----------|---------------|------------|-------------|--------------|----------------|
| HP | KW | | | | | | | | | |
| 7.5 | 5.60 | 4 | 213T | 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% | | | | | | |
| 1755 | 89.5 | 91.0 | 91.5 | 91.0 | 81.0 | 76.0 | 64.5 | 2.81 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 | |
| 6.28 | 6.79 | 8.30 | 4.15 | 21.97 | 21.12 | 19.10 | 9.55 | 110.4 | 114.9 | 127.0 | 63.5 | 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. |
|-----------------|-------------------|--------------|-----------------|--|--|--|--------------------------------|------------------------------------|
| 22.40 | 220 | 175 | 260 | 0.667 | 39 | 117 | 4.59 | 13.61 |

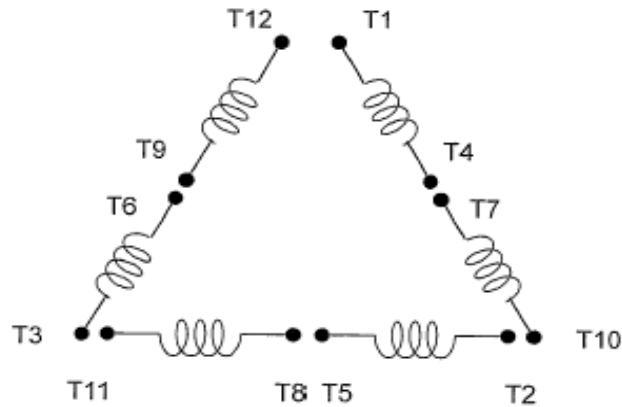
| SAFE STALL TIME IN SECONDS | | ALLOWABLE STARTS PER HOUR | | SOUND PRESSURE LEVEL @ 3 FT dB(A) |
|----------------------------|-----------|---------------------------|----------|-----------------------------------|
| COLD | HOT | COLD | HOT | |
| 17 | 12 | 2 | 1 | 65 |

| | | | | |
|------------------|------------------|--------------------|---------------------|---------------|
| APPROVED: | M. PRATER | DRAWING NO. | 31057DTP7/54 | REV. 0 |
|------------------|------------------|--------------------|---------------------|---------------|

DATE:
June 14, 2012

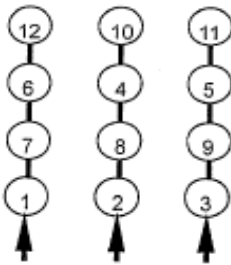
CONNECTION DIAGRAM

DTP7/54

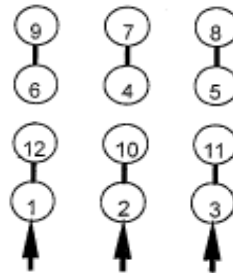


SCHEMATIC - Δ / Y CONNECTION

ACROSS THE LINE CONNECTION

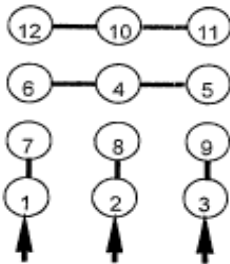


LINE
230 VOLT CONNECTION

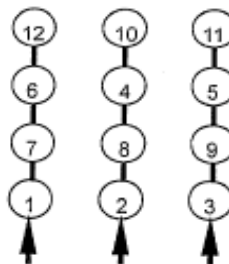


LINE
460 VOLT CONNECTION

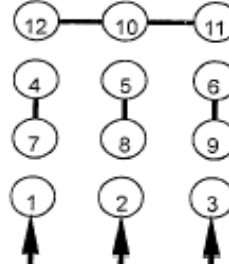
WYE START-DELTA RUN CONNECTION



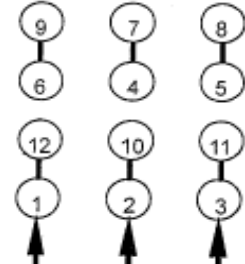
LINE
230 VOLT START



LINE
230 VOLT RUN



LINE
460 VOLT START



LINE
460 VOLT RUN