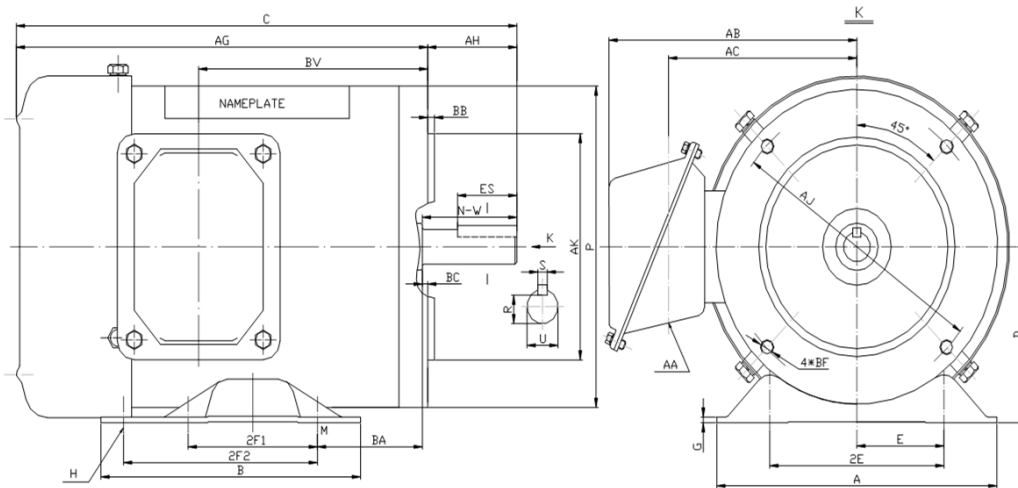


SS145TC2M-4

WASHDOWN DUTY MOTOR
 HIGH EFFICIENCY / EISA COMPLIANT
 STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET
 TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION
 INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31



DIMENSIONS

| HP | RPM | Frame | Mounting | | | | | | | | | | | | | |
|----|------|-------|----------|------|-------|------|------|-----------|------|------|------|------|------|-------|-------|------|
| | | | A | B | C | D | G | H | E | 2E | 2F1 | 2F2 | P | AK | AJ | AH |
| 2 | 1800 | 145TC | 6.50 | 6.50 | 16.63 | 3.50 | 0.12 | 1.22*0.34 | 2.75 | 5.50 | 3.00 | 5.00 | 6.50 | 4.500 | 5.875 | 2.12 |

| Mounting | | | | | Shaft Extension, Key Set | | | | | Conduit Box | | | | Bearings | | Mount |
|----------|------|------|------|----------|--------------------------|-------|-------|------|------|-------------|------|------|------|----------|------|-------|
| AG | BA | BB | BC | BF | U | R | S | ES | N-W | AA | AB | AC | BV | DE | ODE | |
| 10.51 | 2.75 | 0.16 | 0.12 | 4*3/8-16 | 0.875 | 0.771 | 0.188 | 1.41 | 2.25 | 0.86 | 5.75 | 4.25 | 6.30 | 6205 | 6205 | F1 |

BEARING LUBRICATION: The bearings come lubricated with Mobile Polyrex EM Polyurea Grease.



Murphey Electric LLC

Serving Industry With The Best Products And Service Since 1928

411 Platte Ave.
 York, NE. 68467

Phone: 402-362-3245
 Toll Free / Fax: 888-226-4917



SS145TC2M-4

**WASHDOWN DUTY MOTOR
 HIGH EFFICIENCY / EISA COMPLIANT
 STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET
 TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION
 INVERTER DUTY 10:1 CT; 20:1 VT - NEMA MG1 PART 31**

PERFORMANCE DATA

| HP | RPM | Frame | Voltage | Frequency (Hz) | Full Load S.F. | Insulation Class | NEMA Design | Slip (%) | NEMA Code | Enclosure Type | IP Rating | Max. Ambient |
|----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 2 | 1750 | 145TC | 208-230/460 | 60 | 1.15 | F | C | 2.8 | K | TEFC | 66 | 40° C |

| Amps (460V) | | Efficiency (%) | | | | Power Factor | | | Torque (ft-lb) | | | DE Bearing | ODE Bearing | Connection | Weight (lbs.) |
|-------------|------|----------------|------|------|------|--------------|------|------|----------------|-------|-------|------------|-------------|-------------|---------------|
| FLA | LRA | 100% | 75% | 50% | Min. | 100% | 75% | 50% | FLT | LRT % | BDT % | | | | |
| 3.0 | 25.0 | 84.0 | 83.0 | 80.0 | 81.5 | 0.78 | 0.66 | 0.52 | 5.9 | 285 | 300 | 6205 | 6205 | 9 Lead 2Y/Y | 51 |

NAME PLATE

| | | | | | | | | | | | |
|---|-------------|--|-----------------|---|-------|----------------------------|--|--|--|---------|--|
| | | WASHDOWN DUTY STAINLESS STEEL MOTOR | | | | CONNECTION DIAGRAMS | | | | | |
| INVERTER DUTY 20:1 VT; 10:1 CT | | | | HIGH EFFICIENCY EISA COMPLIANT | | | | | | | |
| CAT NO: SS145TC2M-4 | | FRAME 145TC | | PHASE 3 | | | | | | | |
| HZ 60 | S.F. 1.15 | HZ 50 | S.F. 1.2 | ENCL TEFC | IP 66 | | | | | | |
| HP 2 | RPM 1750 | HP 1.5 | RPM 1450 | DUTY CONT | DES C | | | | | | |
| VOLTS 208-230/460 | | VOLTS 190/380 | | AMB 40° C | INS F | | | | | | |
| FLA 6.6 - 6 / 3 | FLA 5.2/2.6 | | DE BEARING 6205 | | | | | | | | |
| CODE K | P.F. 0.78 | CODE K | P.F. 0.85 | ODE BEARING 6205 | | | | | | | |
| EFF 84.0 | MIN 81.5 | EFF 81.5 | MIN 78.5 | LUB: Mobile Polyrex EM | | | | | | | |
| MOTOR WEIGHT 51 LBS | | CONNECTION 9 Lead 2Y/Y | | SER NO | | | | | | | |
| Special purpose motor designed for washdown applications and extremely corrosive environments. Hernando, Mississippi | | | | | | | | | | CC 082A | |

APPLICATIONS:

Applications include washdown applications, food processing, chemical processing, pharmaceuticals, poultry processing, meat processing, dairy applications, bakeries, snack foods, bottling and extremely corrosive environments.



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