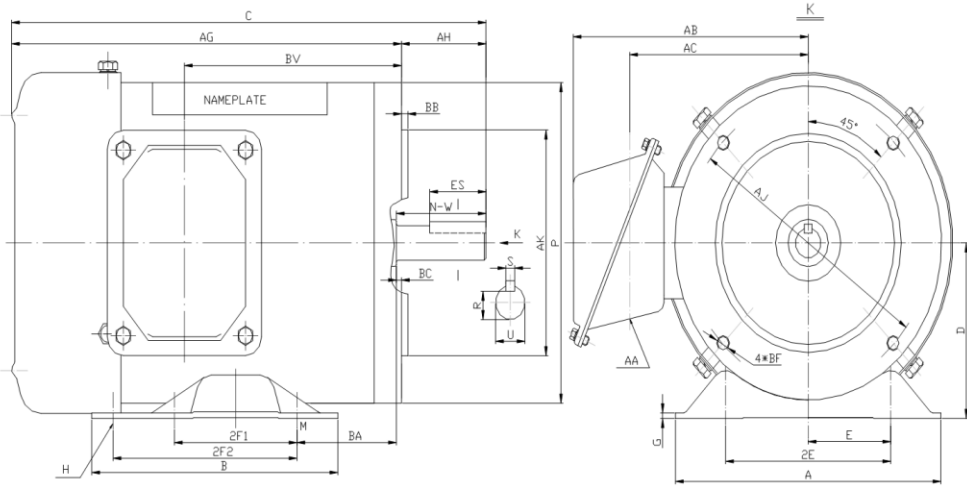


SS56C1/2M-2

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 | |
| 1/2 | 3600 | 56C | 6.50 | 5.00 | 11.59 | 3.50 | 0.12 | 1.22*0.34 | 2.44 | 4.88 | 3.00 | 0.00 | 6.50 | 4.500 | 5.875 | 2.06 | |

| 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 | |
| 9.53 | 2.75 | 0.16 | -0.19 | 4*3/8-16 | 0.625 | 0.517 | 0.188 | 1.41 | 1.88 | 0.86 | 5.75 | 4.25 | 5.30 | 6205-2RS | 6205-2RS | F1 |

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





SS56C1/2M-2

WASHDOWN DUTY MOTOR
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STAINLESS STEEL CONSTRUCTION - C-FLANGE WITH FEET
TOTALLY ENCLOSED FAN COOLED - IP66 CONSTRUCTION
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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 |
|-----|------|-------|-------------|----------------|----------------|------------------|-------------|----------|-----------|----------------|-----------|--------------|
| 1/2 | 3460 | 56C | 208-230/460 | 60 | 1.15 | F | B | 3.9 | 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 % | | | | |
| 0.8 | 10.0 | 77.0 | 75.0 | 67.0 | 74.0 | 0.88 | 0.67 | 0.58 | 0.7 | 285 | 300 | 6205-2RS | 6205-2RS | 9 Lead 2Y/Y | 29 |

NAME PLATE

| | | | | | | | | | | | |
|---|---------------|--|---------------------|---------------------------------------|----------------------|--|--|----------------------------|--|---------|--|
| | | WASHDOWN DUTY STAINLESS STEEL MOTOR | | | | | | | | | |
| INVERTER DUTY 20:1 VT; 10:1 CT | | | | HIGH EFFICIENCY EISA COMPLIANT | | | | CONNECTION DIAGRAMS | | | |
| CAT NO: SS56C1/2M-2 | | FRAME 56C | | PHASE 3 | | | | | | | |
| HZ 60 | S.F. 1.15 | HZ 50 | S.F. 1.2 | ENCL TEFC | IP 66 | | | | | | |
| HP 1/2 | RPM 3460 | HP 1/3 | RPM 2855 | DUTY CONT | DES B | | | | | | |
| VOLTS 208-230/460 | VOLTS 190/380 | | AMB 40° C | INS F | | | | | | | |
| FLA 1.6 - 1.5 / 0.75 | FLA 1.3/0.65 | | DE BEARING 6205-2RS | | ODE BEARING 6205-2RS | | | | | | |
| CODE K | P.F. 0.88 | CODE K | P.F. 0.90 | LUB: Mobil Polyrex EM | | | | | | | |
| EFF 77.0 | MIN 74.0 | EFF 74 | MIN 71 | SER NO | | | | | | | |
| MOTOR WEIGHT 29 LBS | | CONNECTION 9 Lead 2Y/Y | | | | | | | | | |
| 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.