



- NOTES:**
- MOTOR HAS 416 SS SHAFT.
  - SHAFT EXTENSION MEASURED WITH ENDPLAY PULLED OUT.
  - SHIM BOTH ENDS WITH (1) PC 246 SPACER AND (1) PC 247 WASHER.
  - ADD PC 247 WASHER ON BACK END AS REQUIRED TO MAINTAIN SPECIFIED ENDPLAY.
  - SWITCH ACTUATOR ASSEMBLY COMPONENTS MUST BE 316 SS.
  - ASSEMBLE SWITCH ASSEMBLY AND ACTUATOR PER 88834261.
  - PRESS ACTUATOR ASSEMBLY AND THIMBLE SO THAT TOP OF METAL ACTUATOR PLATE IS .568/.548 [14.43/13.92] FROM END OF SHAFT.
  - SWITCH MUST BE ADJUSTED TO OBTAIN .035/.025 [.889/.635] AIR GAP BETWEEN THIMBLE AND SWITCH IN FULL OPERATING POSITION.
  - ADD ONE DROP PC 230 GLYPTAL TO PC 204 SCREW HEAD AFTER ASSEMBLING SWITCH.
  - MOTOR MUST START AT 140 VOLTS.
  - HI POT PER 88834420.
  - SWITCH MUST MAKE CONTACT BEFORE 2500 RPM AND MUST BREAK CONTACT ABOVE 800 RPM.
  - SWITCH MECHANISM MUST GIVE QUIET OPERATION ABOVE 2500 RPM.
  - PACK 1 PER CONTAINER, 36 CONTAINERS PER LAYER, 4 LAYERS PER PALLET, 144 MAX. PER PALLET, PACKING ASSY. 87854559, PER 88834408. NO PACKING TAPE OVER CARTON LABEL.

|  |            |               |                  |       |        |     |       |       |
|--|------------|---------------|------------------|-------|--------|-----|-------|-------|
| CUSTOMER:                              | FASCO DIST | APPLICATION:  |                  |       |        |     |       |       |
| CUSTOMER P/N:                          | K628       | MOTOR WEIGHT: | 2.25 LBS         |       |        |     |       |       |
|  | UP         | ENVIRONMENT:  | DRY              |       |        |     |       |       |
| HORIZONTAL                             |            | MOTOR TYPE    | REFERENCE SAMPLE |       |        |     |       |       |
|  | DOWN       | B             | LA               |       |        |     |       |       |
|  |            | FR            | A                |       |        |     |       |       |
|  |            | X             | S                |       |        |     |       |       |
|  |            | 12            | C                |       |        |     |       |       |
|  |            | OE            | E                |       |        |     |       |       |
|  |            | 0             | B                |       |        |     |       |       |
|  |            | 1             | A                |       |        |     |       |       |
|  |            | 0             |                  |       |        |     |       |       |
| TYPICAL PERFORMANCE AT 230 VOLTS 60 HZ |            |               |                  |       |        |     |       |       |
|  | IDLE       |               | LOADED           |       | LOCKED |     | BREAK |       |
| MOTOR SPEED                            | RPM        | AMP           | WATT             | IN OZ | RPM    | AMP | WATT  | IN OZ |
|  | 3389       | .24           | 25               | 2.18  | 3000   | .26 | 29    | 2.61  |
|  |            |               |                  |       |        |     |       | 3.80  |

|   |                    |                  |   |                                   |                                    |
|---|--------------------|------------------|---|-----------------------------------|------------------------------------|
| DRAWING REVISION<br>AA                                | REVISION BY<br>FDP | DATE<br>4/4/2018 | TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>DEC. INCH mm ANGLE                                | DRAWN BY<br>FDP                   | DATE<br>4/4/2018                   |
| ECO-0132202   | APPROVED BY<br>SED | DATE<br>4/4/2018 | .XX ±0.1 [±2.5] S1°<br>.XX ±0.01 [±0.25]<br>.XXX ±0.005 [±0.127]<br>.XXXX ±0.0005 [±0.0127] | APPROVED BY<br>SED                | DATE<br>4/4/2018                   |
| ECO DESCRIPTION<br>REDRAWN TO SOLIDWORKS              |                    |                  | REMOVE BURRS & BREAK SHARP EDGES. .003/.015 [0.076/.381] X 45° CORNER FILLETS: R.02 [.51]   | DESCRIPTION<br>OUTLINE MOTOR ASSY | REFERENCE                          |
| MACHINED SURFACES: 125 / 3.2 / mm SHOWN IN [BRACKETS] |                    |                  | THIRD ANGLE PROJECTION  | MATERIAL<br>C                     | SIZE / DRAWING NUMBER<br>171581033 |
| DRAWING REVISION AA                                   |                    |                  | PROCESS/FINISH<br>NATURAL   | SHEET 1 OF 1                      |                                    |

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**FASCO**

Model: K628

71581033

J236-075

208/230 V 60 HZ

1/200 HP .32 LRA

3000 RPM .25 FLA

Max. Amb. 40°C

E64080 E33433

Z.P. B C A U S

Assembled in Mexico

SW 280-10

Connection Diagram  
 Brn Common  
 Blk 208V  
 Red 230V  
 Orn On  
 Switch 125VA-120V