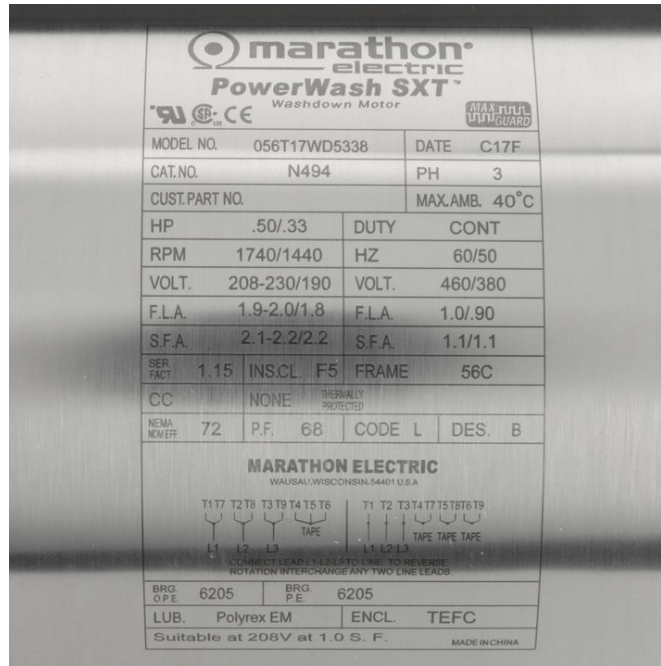


PRODUCT INFORMATION PACKET

Model No: 056T17WD5338

Catalog No: N494

0.50 HP Washdown Motor, 3 phase, 1800 RPM, 208-230/460 V, 56C Frame, TEFC
Paint Free NEMA Washdown Motors



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REGAL



Nameplate Specifications

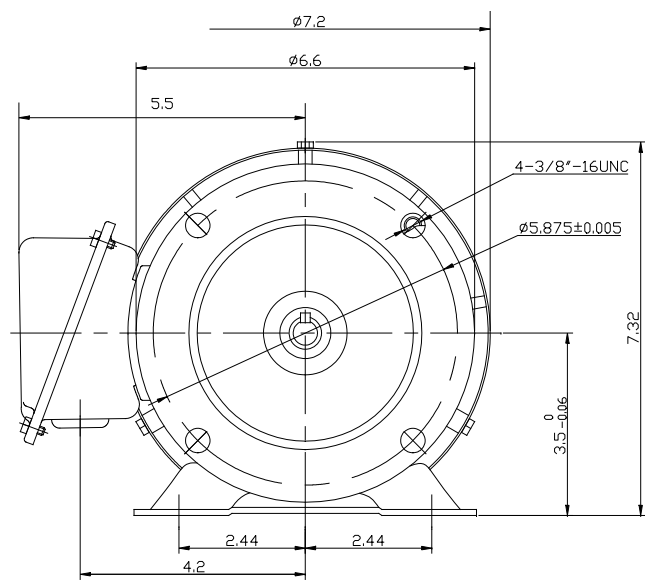
| | | | |
|------------------------|----------------------|----------------------------|------------------------------------|
| Output HP | 0.50 Hp | Output KW | 0.37 kW |
| Frequency | 60 Hz | Voltage | 208-230/460 V |
| Current | 1.9-2.0/1.0 A | Speed | 1740 rpm |
| Service Factor | 1.15 | Phase | 3 |
| Efficiency | 72 % | Power Factor | 68 |
| Duty | Continuous | Insulation Class | F |
| Design Code | B | KVA Code | L |
| Frame | 56C | Enclosure | Totally Enclosed Fan Cooled |
| Thermal Protection | No | Ambient Temperature | 40 °C |
| Drive End Bearing Size | 6205 | Opp Drive End Bearing Size | 6203 |
| UL | Recognized | CSA | Y |
| CE | Y | IP Code | 55 |

Technical Specifications

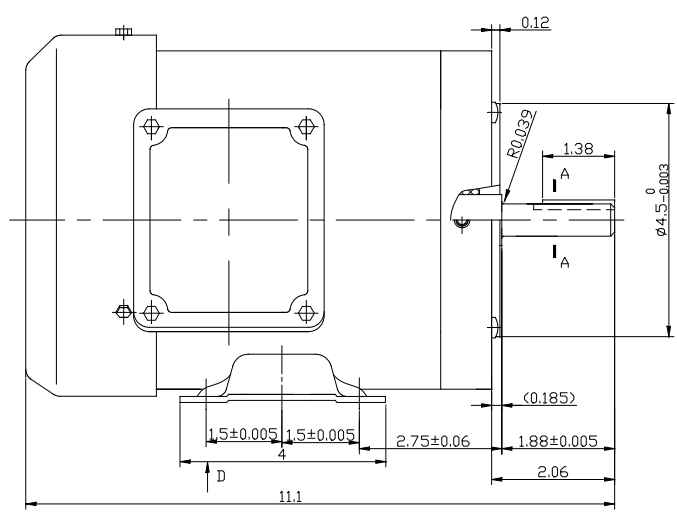
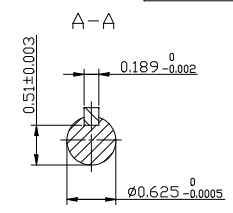
| | | | |
|-----------------------|-------------------------------------|-----------------------|-------------------------|
| Electrical Type | Squirrel Cage Inverter Rated | Starting Method | Line Or Inverter |
| Poles | 4 | Rotation | Reversible |
| Resistance Main | 0 Ohms | Mounting | Rigid Base |
| Motor Orientation | Horizontal | Drive End Bearing | Ball |
| Opp Drive End Bearing | Ball | Frame Material | Stainless Steel |
| Shaft Type | NEMA 56 | Overall Length | 13.77 in |
| Shaft Diameter | 0.625 in | Assembly/Box Mounting | F1 ONLY |

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056T17WD5338



D DIRECTION



| UL MODEL NO. | HP | VOLTS | Hz | PH | RPM | thermal protector | IP |
|--------------|---------|---------------------|-------|----|-----------|-------------------|----|
| 056T17WD5337 | 3/4,1/2 | 208-230/460,190/380 | 60,50 | 3 | 1740,1440 | NONE | 55 |
| 056T17WD5338 | 1/2,1/3 | 208-230/460,190/380 | 60,50 | 3 | 1740,1440 | NONE | 55 |

| | | | | | | | | | |
|--|----------|-----------------------------|-----------|---|----------|---------------------|------|--------------|------|
| | | TOLERANCES UNLESS SPECIFIED | |  Regal Beloit America, Inc. | | DRAWN KB 10/23/2018 | | | |
| | | DEC. | INCHES | | | CHK | | | |
| | | X | ±.1 | | | APPD | | | |
| | | XX | ±.01 | | | SCALE 5=8 | | | |
| | | XXX | ±.005 | TITLE | | REF | | | |
| | | JD | ±.0005 | OUTLINE | | FMF | | | |
| | | CHK | ANG ±1/2° | 56C FRAME - TEFC | | PREV | | | |
| 00 NEW DRAWING | | KB | 10/23/18 | JD | MAT'L. | | | | |
| NO. | REVISION | BY & DATE | CHK | ANG | FINISH | | | | |
| THIS DRAWING IN DESIGN AND DETAIL IS OUR PROPERTY AND MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK ALL RIGHTS OF DESIGN AND INVENTION ARE RESERVED THIS IS AN ELECTRONICALLY GENERATED DOCUMENT - DO NOT SCALE THIS PRINT | | | | RFP | CAD FILE | 056T17WD5338 | SIZE | DRAWING NO. | REV. |
| | | | | DIST | | | A | 056T17WD5338 | 00 |



**P.O. BOX 8003
WAUSAU, WI 54401-8003
PH. 715-675-3311**

CERTIFICATION DATA SHEET

CUSTOMER PO#:
CUSTOMER PO#:
MODEL #: 56T17WD5338 A
CUSTOMER PART #:
MOUNTING: F1 ONLY

TYPICAL MOTOR PERFORMANCE DATA

| HP | KW | SYNC. RPM | F.L. RPM | FRAME | ENCLOSURE | KVA CODE | DESIGN |
|---------|-----------|-----------|-----------|-------|-----------|----------|--------|
| 1/2&1/3 | 0.37&0.25 | 1800 | 1740&1440 | 56C | TEFC | L | B |

| PH | HZ | VOLTS | AMPS | START TYPE | DUTY | INSL | S.F. | AMB°C |
|----|-------|---------------------|--------------------|------------------|------------|------|-----------|-------|
| 3 | 60/50 | 208-230/460&190/380 | 1.9-2.0/1.0&1.8/90 | LINE OR INVERTER | CONTINUOUS | F5 | 1.15/1.15 | 40 |

| | | | | | | | | |
|-----------------------|----|----------------------|------|----------------------|----|-----------------|----|-------------------|
| FULL LOAD EFF: | 72 | 3/4 LOAD EFF: | 81.6 | 1/2 LOAD EFF: | 78 | GTD. EFF | 68 | ELEC. TYPE |
| FULL LOAD PF: | 68 | 3/4 LOAD PF: | 69 | 1/2 LOAD PF: | 58 | | 68 | SQ CAGE INV RATED |

| | | | | | | | | | |
|--------------------|-------------|--------------------------|---|--------------------|---|--------------------|-------------|--------------------|------|
| F.L. TORQUE | 24.07 OZ-FT | LOCKED ROTOR AMPS | / | L.R. TORQUE | - | B.D. TORQUE | 61.13 OZ-FT | F.L. RISE°C | 31.3 |
|--------------------|-------------|--------------------------|---|--------------------|---|--------------------|-------------|--------------------|------|

| | | | | | | | | | | | | | |
|-------------------------------|-------|--------------------|--------|-------------------|------------|------------------|-----------|------------------------|--------|----------------------|---|--------------------------|---------|
| SOUND PRESSURE @ 3 FT. | 0 DBA | SOUND POWER | 10 DBA | ROTOR WK^2 | -1 LB-FT^2 | MAX. WK^2 | 0 LB-FT^2 | SAFE STALL TIME | 0 SEC. | STARTS / HOUR | 0 | APPROX. MOTOR WGT | 31 LBS. |
|-------------------------------|-------|--------------------|--------|-------------------|------------|------------------|-----------|------------------------|--------|----------------------|---|--------------------------|---------|

*** SUPPLEMENTAL INFORMATION ***

| DE BRACKET TYPE | ODE BRACKET TYPE | MOUNT TYPE | ORIENTATION | SEVERE DUTY | HAZARDOUS LOCATION | DRIP COVER | SCREENS | PAINT |
|-----------------|------------------|------------|-------------|-------------|--------------------|------------|---------|----------|
| C-FACE | STANDARD | RIGID | HORIZONTAL | FALSE | NONE | FALSE | NONE | NO PAINT |

| BEARINGS | GREASE | SHAFT TYPE | SPECIAL DE | SPECIAL ODE | SHAFT MATERIAL | FRAME MATERIAL |
|-----------|------------|-------------|------------|-------------|-----------------------|-----------------|
| DE ODE | | | | | | |
| BALL BALL | POLYREX EM | STANDARD 56 | NONE | NONE | 303 STAINLESS (C-501) | STAINLESS STEEL |
| 6205 | 6203 | | | | | |

| THERMO-PROTECTORS | | | | THERMISTORS | CONTROL | SPACE HEATERS |
|--------------------|-------------------|-----------------|-----------------|-------------|---------|---------------|
| THERMOSTATS | PROTECTORS | WDG RTDS | BRG RTDS | | | |
| NONE | NOT | NONE | NONE | NONE | FALSE | NONE |

INVERTER TORQUE: VARIABLE 10:1
INV. HP SPEED RANGE: NONE

| ENCODER: | BRAKE: |
|----------|----------|
| NONE | NONE |
| NONE | NONE |
| NONE | PPR |
| NONE | P/N NONE |
| NONE | NONE |
| NONE | FT-LB |
| NONE | NONE V |
| NONE | NONE HZ |

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PREPARED BY: Dinesh
Suddula
DATE: 02/11/2019 03:07:56 AM
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