

4

3

2

1

GENERAL INFORMATION:

SHAFT RUNOUT: .001 [.03] T.I.R. PER INCH LENGTH OF EXTENSION

END PLAY: .010 TO .063 [.25 TO 1.60]

BEARINGS: SLEEVE

MOUNTING POSITION: ALL ANGLE

ELECTRICAL DATA:

OVERLOAD PROTECTOR: AUTOMATIC RESET (T.I. 7AM 036)

LINE LEADS: NO. 18 GA., .03 [.8] THK. 125°C INSUL.

REVERSING LEADS: NO. 18 GA., .03 [.8] THK. 125°C INSUL.

GROUND LEAD: NO. 18 GA., .03 [.8] THK. (GREEN) INSUL.

NAMEPLATE DATA:

MODEL NO.: F48K93A01
CUST. P/N: FSE1016SV1
HP: 1/6
ROT.: REVERSIBLE
RPM: 1075
TYPE: UF
FRAME: 48Y
VOLTS: 208-230
PH: 1
AMPS: 0.9(1.3 MAX.)
HZ: 60
INS.: B
AMB.: 60°C
DUTY: AIR OVER
CAP.: 5 MFD/370 V
ENCL: ENCLOSED
UL & CSA LOGO
THERMALLY PROTECTED

EXTERNAL CONNECTION DIAGRAM

SEP. CAP.

BROWN

BRN/WHT

YELLOW

BLACK

LINE

ROTATION

BLACK

WHITE

CCWLE

WHITE

BLACK

WHITE

CWLE

614131-115

PERFORMANCE CURVE NO. C22893

TORQUE @1075 RPM (25°C) 19.0 OZ. FT.

APPROVED SAMPLE EX11195

UL COMPONENT

FILE # E46412

GUIDE # PRGY2

CSA

FILE # LR43341

GUIDE # 260-ø-0

GEOMETRIC CHARACTERISTICS & SYMBOLS

FLATNESS

STRAIGHTNESS

ANGULARITY

PERPENDICULARITY (SQUARENESS)

PARALLELISM

ROUNDNESS (CIRCULARITY)

CYLINDRICITY

PROFILE OF ANY SURFACE

PROFILE OF ANY LINE

RUNOUT

TRUE POSITION

CONCENTRICITY

SYMMETRY

UNLESS OTHERWISE SPECIFIED DIM. TOLERANCES ARE AS FOLLOWS:

INCH X XX XXX XXXX

mm ±0.1 ±0.2 ±0.005 ±0.005

mm ±0.5 ±0.13 ±0.013

ANG. ±50 DEG

REMOVE BURRS & BREAK SHARP EDGES:

INCH .003-.015 mm 0.1-0.4

CORNER FILLETS TO:

INCH .020 mm 0.5

MACHINE SURFACES:

INCH 125 mm 3.2

METRIC DIMS. SHOWN IN [BRACKETS]

DR BY:

APPD:

T RILE

05-22-1998

THIRD ANGLE PROJECTION

EDS DATE 04-03-2006

FORMAT REV D

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ASME Y14.5M 1994

A.O. SMITH

ELECTRICAL PRODUCTS COMPANY

TIPP CITY, OHIO

A DIVISION OF A. O. SMITH CORPORATION

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DESCRIPTION

OUTLINE MOTOR

SIZE C

DWG NO 12056-029

SCALE NONE

SHEET 1

REV B

REFERENCE ECN

REFERENCE PROJECT 02294701

REV BY Dave

DATE 09-22-2006

APPD CBranch

DATE 09-25-2006

REV. ROT.

ø5.70 [ø144.8] MAX.

TOP OF NAMEPLATE

TOP OF STICKER WARNING

TOP OF STICKER CONSERVATIONIST

5.20 [132.1] USABLE FLAT

ø2.75 [ø69.8] SLINGER

.670±.06 [17.02±1.5] (4 PLACES)

TOP OF STICKER SERVICE (DRAIN PLUG)

10.43 [264.9]

3.99 [101.3]

6.44 [163.6]

.81 [20.6] MAX.

.50 [12.7]

5.20 [132.1] USABLE FLAT

ø4.998+.0000-.0005 [ø12.695+.000-.013]

90°

.453±.005 [11.51±.13] FLAT

.453±.005 [11.51±.13] FLAT

.88 [22.4] REF.

ø5.15 [ø130.7] B.C. 90° APART

#8-32 THDS. ON A

LEAD LENGTH

LEAD LENGTH

DRAIN HOLE PLUGGED (BOTH ENDS)

REVERSING PLUG (MOTOR TO BE SHIPPED CONNECTED FOR CCWLE ROTATION)

GROUND LEAD (TERMINAL AT MOTOR MUST NOT PROTRUDE BEYOND MOTOR O.D.)

GREEN (GROUND)

12/13 [305/330]

#10 EYELET

BLACK/WHITE

3/5 [76/127]

REVERSING PLUG

BROWN

36/39 [914/991]

.25 [6.35] FLAG

BROWN/WHITE

36/39 [914/991]

.25 [6.35] FLAG

YELLOW

36/39 [914/991]

.50 [12.7] SKIN

BLACK

36/39 [914/991]

.50 [12.7] SKIN

COLOR

LENGTH

TERMINAL OR STRIP LENGTH

LEAD DATA

ENCLOSURE

CUSTOMER

DISTRIBUTION SERVICE

4

3

2

1

总技术要求:

轴跳动: .001[.03]/1[25.4]外伸轴

端部窜动量 .010 到 .063 [.25 到 1.60]

轴承: 含油轴承

安装位置: 全方位

电气数据:

过载保护: 自动复位 (T. I. 7AM 036)

引线: 18# (美制标准), 厚.03[.8] 125° C 绝缘

换向线: 18# (美制标准), 厚.03[0.8] 125° C 绝缘

接地线: 18# (美制标准), 厚.03[0.8]绿色绝缘

铭牌数据

外部数据线

MODEL NO.: F48K93A01
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RPM: 1075
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ENCL: ENCLOSED
UL & CSA LOGO
THERMALLY PROTECTED

SEP. CAP.

BROWN

BRN/WHT

YELLOW

BLACK

LINE

ROTATION

BLACK

WHITE

CCWLE

WHITE

BLACK

CWLE

WHITE

BLACK

614131-115

性能曲线编号

转矩在1075RPM

批准样品

UL部件

CSA

C22893

19.0 OZ. FT.

EX11195

文件号

指导

文件号

指导

E46412

PRGY2

LR43341

260-Ø-0

形位公差

除另有注明

尺寸公差如下:

英寸

毫米

角度

清理毛刺和尖棱

英寸

毫米

内圆角

英寸

毫米

表面粗糙度

英制

米制

米制尺寸显示在[]

绿色 (接地线)

12/13

#10 EYELET

黑/白

3/5

REVERSING PLUG

棕色

36/39

.25 [6.35] FLAG

棕/白

36/39

.25 [6.35] FLAG

黄色

36/39

.50 [12.7] SKIN

黑色

36/39

.50 [12.7] SKIN

颜色

长度

端子或剥线长度

引线数据

绘图:

批准:

第三角投影

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ASME Y14.5M 1994

无引线端机壳

无引线端端盖

有引线端机壳

有引线端端盖

密封性

密封

密封

密封

密封

用户

DISTRIBUTION SERVICE

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名称

图幅

图号

比例

OUTLINE MOTOR

C

12056-029

NONE

1

版本

更改通知号

项目号

编制

日期

批准

日期

B

02294701

Dave

09-22-2006

CBranh

09-25-2006

可逆
转向

Ø5.70
[Ø144.8]
MAX.

LEAD LENGTH

LEAD LENGTH

编号8-32 螺纹在
Ø5.15[Ø130.7]圆上
90° 相隔

排水孔有塞
子 (两端)

换向插头此时连
接为引线端看逆时针转向

接地线 (端子不能超出电机的外圆)

10.43
[264.9]

3.99
[101.3]

6.44
[163.6]

.81
[20.6] MAX.

.50
[12.7]

5.20
[132.1]
有效扁伸

Ø2.75
[Ø69.8]
甩水圈

.88 [22.4]
REF.

.670±.06
[17.02±1.5]
4处

服务标贴顶部
(排水栓)

铭牌顶部

警告标贴顶部

资源保护标贴顶部

90°

Ø.4998^{+.0000}_{-.0005}

Ø12.695^{+.000}_{-.013}

.453±.005
[11.51±.13]
扁伸

.453±.005
[11.51±.13]
扁伸