

PRODUCT INFORMATION PACKET



Model No: E216V1
Catalog No: E216V1
3,1760,DP,182T,3/60/200
General Purpose Motors



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Nameplate Specifications

Output HP	3.0 Hp	Output KW	2.2 kW
Frequency	60 Hz	Voltage	200 V
Current	8.9 A	Speed	1760 rpm
Service Factor	1.15	Phase	3
Duty	Continuous	Insulation Class	F
Frame	S182T	Enclosure	Drip Proof
Thermal Protection	None	Ambient Temperature	40 °C
UL	Recognized	CSA	Y
CE	N	Number of Speeds	1

Technical Specifications

Electrical Type	Three Phase	Starting Method	Across The Line
Poles	4	Rotation	Counterclockwise
Mounting	Rigid Base	Drive End Bearing	Ball
Opp Drive End Bearing	Ball	Frame Material	Rolled Steel
Shaft Type	Keyed	Overall Length	13.65 in
Frame Length	8.00 in	Shaft Diameter	1.125 in
Shaft Extension	2.86 in		
Outline Drawing	18709201-001-S01		

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8 7 6 5 4 3 2 1

REV	DATE	PROJECT	DESCRIPTION	REV BY	APPD
B	02/19/2004	02801601	CORRECTING THE NOTES	abough	JAS

C

B

A

MOTOR NAMEPLATE

1.75 1/4 x 1/4 KEY

Ø1.1250 Ø1.1245

2.93 1.00 4.50 2.75 5.50 7.75

7.13 5.63 Ø8.53 10.56 8.90 4.50 4.44 .16 1.26 3.75 9.00 11.63

KNCKOUTS FOR 3/4 CONDUIT (Ø.12 HOLE)

8-HOLES 13/32(Ø.406)

2.16

NOTES:

- 1- CONDUIT KNCKOUTS ARE PROVIDED IN TERMINAL BOX TO ALLOW CONDUIT TO BE ATTACHED AT 6:00 O'CLOCK AND 3:00 O'CLOCK POSITION WITHOUT ROTATING THE BOX. TO PROVIDE ACCESS AT 12:00 O'CLOCK AND 9:00 O'CLOCK THE BOX MUST BE REMOVED, ROTATED 180°, AND REATTACHED.
- 2- MOTOR CAN BE CONVERTED FROM AN F1 TO AN F2 ASSEMBLY.
- 3- MOTOR VENTILATION: AIR INTAKE THROUGH OPENINGS IN THE FACE OF EACH BRACKET AND THEN EXHAUSTED THROUGH THE SLOTS ON EACH END OF THE SHELL.

MOTOR DESCRIPTION:
3 PHASE OPEN DRIPPROOF STEEL SHELL 182T OR 184T MOUNTING.
OTHER MOUNTING ORIENTATIONS ARE ACCEPTABLE; HOWEVER WHEN MOUNTED OTHER THAN HORIZONTAL; MOTOR WILL NOT BE DRIPPROOF AS DEFINED BY NEMA.

C-CLASS		UNLESS OTHERWISE SPECIFIED		DR BY:	
CLASS	CLASS	CLASS	CLASS	CLASS	CLASS
180	5	1920	5	AJB	12/17/2003
180	5	1920	5	PAV	12/17/2003
180	5	1920	5	JAS	12/17/2003
180	5	1920	5	JAS	12/17/2003

UNLESS OTHERWISE SPECIFIED

SEE INFORMATION ON THE MOTOR NAMEPLATE

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THIRD ANGLE PROJECTION

SCALE .75:1

SHEET 1 OF 1

18709201-001

EE STANDARD

182T/184T OUTLINE ODP

EE STANDARD

18709201-001

REV B

CERTIFICATION OF A.C. MOTORS

CERTIFIED FOR _____

SPEC. NO. _____ ORDER NO. _____

TYPE _____ FRAME _____ EMI _____

R.P.M. _____ VOLTS _____ H.P. _____

HERTZ _____ AMPS _____ PHASE _____

REMARKS _____ CODE _____

APPROVED BY _____ DATE: _____