

# PRODUCT INFORMATION PACKET

**marathon®**  
Motors

Model No: 5KH39QN9542

Catalog No: 4351

General Purpose Motor, 0.25 HP, 1 Ph, 60 Hz, 115 V, 1800 RPM, 48 Frame, DP



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**RegalRexnord**

### Nameplate Specifications

Output HP	0.25 Hp	Output KW	0.19 kW
Frequency	60 Hz	Voltage	115 V
Current	5.7 A	Speed	1725 rpm
Service Factor	1	Phase	1
Efficiency	52.8 %	Power Factor	0
Duty	Continuous	Insulation Class	B
KVA Code	S	Frame	48
Enclosure	Drip Proof	Thermal Protection	No Protection
Ambient Temperature	40 °C	Drive End Bearing Size	6203
Opp Drive End Bearing Size	6203	UL	Recognized
CSA	Yes	CE	N
Number of Speeds	1		

### Technical Specifications

Electrical Type	Split Phase	Starting Method	SM
Poles	4	Rotation	Counterclockwise/Clockwise
Mounting	Rigid Base	Motor Orientation	ANY
Drive End Bearing	BALL	Opp Drive End Bearing	Ball
Frame Material	Rolled Steel	Overall Length	8.9 in
Frame Length	5.16 in	Shaft Diameter	0.500 in
Shaft Extension	1.5 in		
Outline Drawing	52A106959P1	Connection Drawing	52A105377AA

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52A106959

4

REV

SHEET

4

SIZE

DRAWING NO.

A

THIRD ANGLE PROJECTION

REVISIONS

REV.	DESCRIPTION	DATE	APPROVED
3	REDRAWN & ADDED P7	09/09/93	MAM
4	CHG TO RBC FORMAT PER ISO5-1777	02/15/06	SUDHA

W\* IS A CLEARANCE DUE TO VARIATION IN PARTS AND ASSEMBLY.

5.61 MAX.

5.83 MAX.

.106

2.12

5.66

5.58

.72

.69

.500-14 CONDUIT THREAD

3.00

2.97

C MAX.

L MAX.

3.90 MAX.

N MIN.

N-W

W\*

.05 X (K) LG. FULL FLAT

.5000

.4995

.37

.34

2.50

1.380

1.370

3.66

3.59

7	KH	33	48	9.00	1.34	3.84	1.88	2.01/1.79
6	KH	32	48	8.62	1.16	3.27	1.50	1.63/1.41
5	K KH	37	48	10.40	1.16	5.05	1.50	1.63/1.41
4	K KH	36	48	10.00	1.16	4.65	1.50	1.63/1.41
3	K KH	35	48	9.57	1.16	4.22	1.50	1.63/1.41
2	K KH	33	48	9.19	1.16	3.84	1.50	1.63/1.41
1	K KH	32	48	8.94	1.16	3.59	1.50	1.63/1.41
P	TYPE	GE SIZE	NEMA FR	C	K	L	N	N-W

VIEW SHOWING P.E. VENTILATION OPENINGS

SIGNATURES		DATE
MODEL	MAM	06/15/89
DETAIL	.	.
CHECKED	.	.
ENGRG	.	.
MFG	.	.
QUALITY	.	.
ISSUED	MAM	09/09/93

REGAL-BELOIT CORPORATION

TITLE

OUTLINE

FORM N - GENERAL PURPOSE MOTOR - DRIP PROOF - WELDED BASE - BALL OR SLEEVE BEARING

SIZE

DRAWING

SCALE: 0.250

REF. No: .

SHEET 1 of 1

FOR ADDITIONAL INFO REFER TO:

APPLIED PRACTICES

DIMENSIONS ARE IN INCHES

MATERIAL

52A106959

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