

**STEVENS DRIVES & CONTROLS, INC.**

**FLUX VECTOR MOTOR**

**DESIGNED FOR FLUX VECTOR CONTROLS UP TO 20 KHz CARRIER**

230, 460, 205 or 410 VOLTS, 3 PHASE

1000:1 SPEED RANGE, 2000 RPM MAX  
TENV WITH ENCODER  
60 minute or less duty

**900 RPM**

FOOTED OR ROUND RIBBED BODY

HP	RPM	FRAME	WEIGHT [lbs.]
1	900	182T	95
1.5	900	184T	107
2	900	213T	163
3	900	215T	191
5	900	254T	311
7.5	900	256T	351
10	900	284T	490
15	900	286T	515
20	900	324T	610
25	900	326T	692
30	900	364T	1,007
40	900	365T	1,085
50	900	404T	1,422
60	900	405T	1,523
75	900	444T	1,835
100	900	445T	2,350
125	900	445T	2,350
150	900	449T	3,550
200	900	449T	3,550

Class H insulation 1.0 SF, 50<sup>0</sup>C Ambient, N/C thermostat, Thermistor (where required)  
Northstar Slim Tach 56' encoder, 1024 PPR, 5-15 VDC  
All weights are approximate. This chart should be used for estimating only.

[www.stevensdrives.com](http://www.stevensdrives.com)

Tel: (973) 831-9573

Fax: (973) 831-9576

**FLUX VECTOR MOTOR**

**DESIGNED FOR FLUX VECTOR CONTROLS UP TO 20 KHz CARRIER**

230, 460, 205 or 410 VOLTS, 3 Phase

1000:1 SPEED RANGE, 2500 RPM MAX  
TENV WITH ENCODER  
60 minute or less duty

**1200 RPM**

FOOTED OR ROUND RIBBED BODY

HP	RPM	FRAME	Approx. WEIGHT [lbs.]
1	1200	184T	107
1.5	1200	184T	114
2	1200	213T	160
3	1200	215T	187
5	1200	215T	195
7.5	1200	254T	311
10	1200	256T	348
15	1200	284T	472
20	1200	286T	508
25	1200	324T	610
30	1200	326T	690
40	1200	364T	1,005
50	1200	365T	1,085
60	1200	404T	1,422
75	1200	405T	1,523
100	1200	444T	1,830
125	1200	445T	2,350
150	1200	445T	2,350
200	1200	449T	3,550
250	1200	449T	3,560
300	1200	449T	3,580

Class H insulation, 1 .0 SF, 50°C Ambient, N/C thermostat, Thermistor (where required)

Lake Shore "Slim Tach 56 or 85" encoder, 1024 PPR, 5-15 VDC

All weights are approximate. This chart should be used for estimating only.

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**FLUX VECTOR MOTOR**

**DESIGNED FOR FLUX VECTOR CONTROLS UP TO 20 KHz CARRIER**

230, 460, 205 or 410 VOLTS, 3 Phase

1000:1 SPEED RANGE, 4000 RPM MAX  
TENV WITH ENCODER  
60 minute or less duty

**1800 RPM**

FOOTED OR ROUND RIBBED BODY

HP	RPM	FRAME	Approx. WEIGHT [lbs.]
1	1800	182T	107
1.5	1800	182T	114
2	1800	184T	160
3	1800	213T	187
5	1800	213T	195
7.5	1800	213T	311
10	1800	215T	348
15	1800	254T	472
20	1800	256T	508
25	1800	284T	610
30	1800	286T	690
40	1800	324T	1,005
50	1800	326T	1,085
60	1800	364T	1,422
75	1800	365T	1,523
100	1800	405T	1,830
125	1800	444T	2,350
150	1800	445T	2,350
200	1800	449T	3,550
250	1800	449T	3,560
300	1800	449T	3,580

Class H insulation, 1 .0 SF, 50°C Ambient, N/C thermostat, Thermistor (where required)  
Lake Shore "Slim Tach 56 or 85" encoder, 1024 PPR, 5-15 VDC  
All weights are approximate. This chart should be used for estimating only.

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