

# HØYER MOTORS

## MARINE MOTORS



### Why choose a HØYER MOTOR?

- We have Northern Europe's largest stock of low voltage electric motors.
- We have 45.000 motors in stock, ranging from 0.06 kW up to 630 kW.
- We can deliver directly from our stock within a very short timeframe
- Short response time for all customer queries
- Technical support and full documentation for all motors
- Competitive prices

SVEND HØYER A/S is a major supplier of low voltage electric motors to the leading manufacturers of marine pumps, combustion air fans, and ventilation systems in Europe.



**SVEND HØYER A/S**

## Technical data 2 pole HØYER MARINE MOTORS

- 400V 50 Hz and 440V 60Hz.

2-pole (3000 RPM)						
Type		400V / 50 Hz		440V / 60 Hz		Weight (IMB3)
		40 dgr.C		45 dgr.C		kg
		kW	min-1	kW	min-1	
MS	56 1-2	0,09	2640	0,11	3168	3,7
MS	56 2-2	0,12	2640	0,14	3168	3,9
MS	63 1-2	0,18	2715	0,22	3258	4,1
MS	63 2-2	0,25	2715	0,30	3258	4,6
MS *	63 3-2	0,37	2800	0,44	3360	5,6
MS	71 1-2	0,37	2730	0,44	3276	5,5
MS	71 2-2	0,55	2715	0,66	3258	6,0
MS *	71 3-2	0,75	2800	0,90	3360	8,1
MS	80 1-2	0,75	2715	0,90	3258	9,5
MS	80 2-2	1,1	2700	1,32	3240	10,8
MS *	80 3-2	1,5	2800	1,8	3360	12,0
MS	90 S-2	1,5	2760	1,8	3312	14,3
MS	90 L-2	2,2	2760	2,6	3312	16,2
MS *	90 L2-2	3,0	2800	3,6	3360	18,8
MS	100 L-2	3,0	2870	3,6	3444	24,0
MS *	100 L2-2	4,0	2880	4,8	3456	27,6
MS	112 M-2	4,0	2890	4,8	3468	31,3
MS *	112 M1-2	5,5	2900	6,6	3480	35,4
MS	132 S1-2	5,5	2910	6,6	3492	49,0
MS	132 S2-2	7,5	2900	9,0	3480	54,0
MS *	132 M1-2	9,2	2900	11,0	3480	58,0
MS *	132 M2-2	11	2900	13,2	3480	60,5
Y2E2	160 M1-2	11	2940	12,8	3528	109
Y2E2	160 M2-2	15	2940	17,5	3528	121
Y2E2	160 L-2	18,5	2940	21,5	3528	136
Y2E2 *	160 LA-2	22	2930	25,6	3516	158
Y2E2	180 M-2	22	2940	25,6	3528	180
Y2E2 *	180 L-2	30	2950	34,9	3540	233
Y2E2	200 L1-2	30	2950	34,9	3540	246
Y2E2	200 L2-2	37	2950	43,1	3540	256
Y2E2	225 M-2	45	2960	52,4	3552	328
Y2E2 *	225 M1-2	55	2960	64,0	3552	338
Y2E2	250 M-2	55	2970	64,0	3564	433
Y2E2	280 S-2	75	2960	87,3	3552	572
Y2E2	280 M-2	90	2960	104	3552	632
Y2E2 *	280 M1-2	110	2960	128	3552	710
Y2E2	315 S-2	110	2975	128	3570	950
Y2E2	315 M-2	132	2975	153	3570	1080
Y2E2	315 L1-2	160	2975	186	3570	1210
Y2E2	315 L2-2	200	2975	232	3570	1240
Y2E2	355 M-2	250	2980	291	3576	1970
Y2E2	355 L-2	315	2980	366	3576	2000

## Technical data 4 pole HØYER MARINE MOTORS

- 400V 50 Hz and 440V 60Hz.

4-pole (1500 RPM)						
Type		400V / 50 Hz		440V / 60 Hz		Weight (IMB3)
		40 dgr.C		45 dgr.C		kg
		kW	min-1	kW	min-1	
MS	56 2-4	0,09	1380	0,11	1656	3,7
MS	63 1-4	0,12	1350	0,14	1620	4,0
MS	63 2-4	0,18	1340	0,22	1608	4,2
MS *	63 3-4	0,25	1360	0,30	1632	5,4
MS	71 1-4	0,25	1390	0,30	1668	6,0
MS	71 2-4	0,37	1360	0,44	1632	6,5
MS *	71 3-4	0,55	1360	0,66	1632	7,8
MS	80 1-4	0,55	1370	0,66	1644	9,0
MS	80 2-4	0,75	1380	0,90	1656	10,6
MS *	80 3-4	1,1	1400	1,32	1680	13,2
MS	90 S-4	1,1	1385	1,32	1662	13,8
MS	90 L-4	1,5	1410	1,8	1692	16,0
MS *	90 L2-4	2,2	1400	2,6	1680	18,0
MS	100 L1-4	2,2	1430	2,6	1716	24,0
MS	100 L2-4	3,0	1410	3,6	1692	25,6
MS *	100 L3-4	4,0	1400	4,8	1680	29,1
MS	112 M-4	4,0	1440	4,8	1728	35,0
MS *	112 M2-4	5,5	1410	6,6	1692	36,7
MS	132 S-4	5,5	1450	6,6	1740	50,5
MS	132 M-4	7,5	1450	9,0	1740	59,5
MS *	132 M3-4	11	1470	13,2	1764	67,0
Y2E2	160 M-4	11	1470	12,8	1764	118
Y2E2	160 L-4	15	1470	17,5	1764	138
Y2E2	180 M-4	18,5	1470	21,5	1764	177
Y2E2	180 L-4	22	1470	25,6	1764	203
Y2E2 *	180 LA-4	30	1470	34,9	1764	243
Y2E2	200 L-4	30	1470	34,9	1764	243
Y2E2 *	200 L1-4	37	1475	43,1	1770	305
Y2E2	225 S-4	37	1475	43,1	1770	305
Y2E2	225 M-4	45	1475	52,4	1770	328
Y2E2 *	225 M1-4	55	1480	64,0	1776	452
Y2E2	250 M-4	55	1480	64,0	1776	452
Y2E2 *	250 M1-4	75	1475	87,3	1770	592
Y2E2	280 S-4	75	1475	87,3	1770	592
Y2E2	280 M-4	90	1475	104	1770	672
Y2E2 *	280 MB-4	110	1480	128	1776	730
Y2E2	315 S-4	110	1480	128	1776	980
Y2E2	315 M-4	132	1480	153	1776	1040
Y2E2	315 L1-4	160	1480	186	1776	1180
Y2E2	315 L2-4	200	1480	232	1776	1260
Y2E2	355 M-4	250	1485	291	1782	1810
Y2E2	355 L-4	315	1485	366	1782	1910

Please contact our sales department for the full documentation

# Technical data 6 pole HØYER MARINE MOTORS

- 400V 50 Hz and 440V 60Hz.

Please note:

If you need two-speed motors, different speeds, voltages or frequencies – please call our sales department.

6-pole (1000 RPM)						
Type	400V / 50 Hz		440V / 60 Hz		Weight (IMB3)	
	40 dgr.C		45 dgr.C		kg	
	kW	min-1	kW	min-1		
MS 63 1-6	0,09	890	0,11	1068	4,3	
MS 63 2-6	0,12	900	0,14	1080	5,9	
MS 71 M1-6	0,18	900	0,22	1080	6,0	
MS 71 M2-6	0,25	900	0,30	1080	6,5	
MS 80 M1-6	0,37	900	0,44	1080	9,3	
MS 80 M2-6	0,55	900	0,66	1080	10,8	
MS 90 S-6	0,75	910	0,90	1092	13,8	
MS 90 L-6	1,1	910	1,32	1092	16,0	
MS 100 L-6	1,5	940	1,8	1128	19,0	
MS 112 M-6	2,2	940	2,6	1128	33,0	
MS 132 S-6	3,0	960	3,6	1152	52,5	
MS 132 M1-6	4,0	960	4,8	1152	55,0	
MS 132 M2-6	5,5	960	6,6	1152	61,5	
Y2E2 160 M-6	7,5	970	8,7	1164	119	
Y2E2 160 L-6	11,0	970	12,8	1164	147	
Y2E2 180 L-6	15,0	970	17,5	1164	195	
Y2E2 200 L1-6	18,5	970	21,5	1164	235	
Y2E2 200 L2-6	22	970	25,6	1164	256	
Y2E2 225 M-6	30	980	34,9	1176	306	
Y2E2 * 225 M1-6	37	980	43,1	1176	320	
Y2E2 250 M-6	37	980	43,1	1176	416	
Y2E2 280 S-6	45	980	52,4	1176	546	
Y2E2 280 M-6	55	980	64,0	1176	614	
Y2E2 * 280 M1-6	75	980	87,3	1176	658	
Y2E2 315 S-6	75	985	87,3	1182	970	
Y2E2 315 M-6	90	985	104	1182	1180	
Y2E2 315 L1-6	110	985	128	1182	1240	
Y2E2 315 L2-6	132	985	153	1182	1300	
Y2E2 355 M1-6	160	990	186	1188	1740	
Y2E2 355 M2-6	200	990	232	1188	1945	
Y2E2 355 L-6	250	990	291	1188	2070	

## Optional special executions:

- Anti condensation heating (110V or 230V)
- Special bearings
- SPM (shock pulse measuring) nipples mounted
- Forced fan cooling
- Pt100 built-in thermo sensors
- PTC thermistors or bi-metal contacts for overheating protection and signalling
- Balancing class "R" and "S" ISO 2373
- Encoders
- IP56 (98% RH) without fan and fan cover TENV (IC410) for mounting on open deck
- TEAO (IC418) (direct driven fan motors without cooling fan on the motor)
- Customer specific motors



- – with marine cable instead of terminal box



- – Standard marine motor, insulation class F, IP 55, SKF bearings or similar, RAL 5010 blue.

## MARINE MOTORS from SVEND HØYER A/S

- – V1 mounting



## We deliver directly from our central warehouse:



- Marine motors
- EFF2 motors up to 630 kW
- EFF1 motors from 1.1 to 90 kW
- Motors for voltage 230/400 V up to 132 kW
- 2-speed motors
- ATEX motors, Zone 22 - non-conductive dust up to 315 kW
- Single-phase motors
- Brake motors
- Explosion-proof motors

## We can deliver full documentation for all HØYER MOTORS:

- Test reports with all relevant data for marine use
- Every motor is supplied with a motor manual in English, German, Swedish, Danish, Dutch, French, Spanish, Italian, Russian and Polish.
- Motor specifications and tools with marine data
- Classified motors for essential duty
- Certificate on shaft steel
- 2D and 3D drawings for all HØYER MOTORS.
- Type approval by Germanischer Lloyds (within 2007)
- Technical support

For further information: [www.svendhoyer.dk](http://www.svendhoyer.dk)



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