

Data sheet

Ref. no.	1634419	Sales order	SODK-215179
Item no. / Configuration	01 / 1102071-0.75-040101-M-063936	Our reference	Trine Nyborg Sørensen
Description	MS 71 3-2 254/440 V 60 Hz 0,9 kW	Date	28-05-2025

General data		Mechanical data	
Standard series	IEC 60034	Frame / Shaft height	IEC 71
Type	MS 71 3-2	Type of construction	B35
Design	230 VD / 400 VY 50 Hz + 280 VD / 480 VY 60 Hz	Cooling method	IC411
Direction of rotation	CW	Protection class	IP55
Installation max. altitude (m)	1.000	Temp. insulation class	F
Poles	2	Frame material	Aluminum
Motor protection		Keyway	Closed
Winding temp. detector	No	Balancing	Half key
Temp. detector type	None	IEC vibration class	A
Bearing detector	No	Weight (kg)	8
Winding PTC main	PTC 3 x 155°C	Bearing (DE)	6203 2Z / C3 / DGBB
Winding PTC spare	None	Bearing (NDE)	6202 2Z / C3 / DGBB
Space heater	None	Fixed bearing	DE
Terminal board thread	M4	Moment of inertia (kg×m²)	0
Electrical insulation	Standard (1350 V @ 0.8 µs)	Painting (color)	RAL 5010
Tropical insulation	Yes	Corrosion protection	C3L
SPM	N/A	Main terminal box pos.	DE top
External grounding	Yes	Main cable entries	Cable gland 1xM20x1.5 Ø6-12 mm
Drain hole	Yes	Main cable direction	Right from DE
Rain cap	No	Main cable material	Nickel plated brass
Classification		Aux. cable entries	Blind cap 1xM20x1.5
Class society		Aux. cable direction	Right from DE
Shaft requirement acc. to	None	Aux. cable material	Nickel plated brass
Ex. code	No		
Industrial certification	None		

Winding operation variants					
Rated power (kW)	0.75	0.9			
Frequency (Hz)	50	60			
Connection	D/Y	D/Y			
Voltage (V)	230 / 400	254 / 440			
Full load current (A)	3.15 / 1.82	3.25 / 1.88			
No load current (A)	0	0			
Speed (rpm)	2770	3324			
Power factor 100/75/50 (%)	0.82 / 0 / 0	0.82 / 0 / 0			
Efficiency 100/75/50 (%)	75 / 76 / 74	75 / 76 / 74			
Efficiency class	IE1	IE1			
Full load torque (Nm)	2.6	2.6			
Tst/Tn	2.6	2.52			
Tmax/Tn	2.9	2.81			
Ist/In	6	6			
Temp. rise class	B	B			
Duty	S1	S1			
Sound pressure level (dBA)	63	68			
Min. ambient temp. (°C)	-20°C	-20°C			
Max. ambient temp. (°C)	40°C	40°C			

Data are not binding. Hoyer reserves the right to implement changes without notice. The extent of data are not equivalent to nameplate on the motors.

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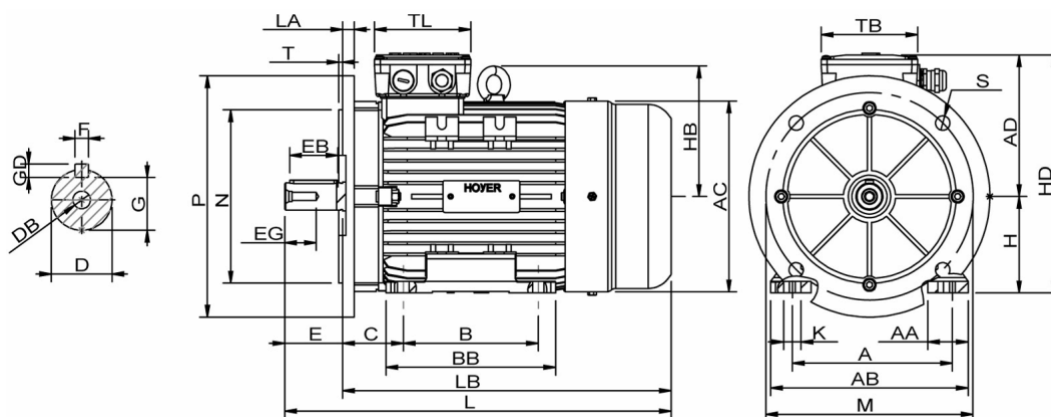
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Our reference

Trine Nyborg Sørensen

Date _____

28-05-2025



AC 139.00	AD 113.00	D 14.00	E 30.00	EB 22.00	EG 13.00	F 5.00	G 11.00	GD 5.00	L 249.00	LA 9.00	LB 219.00	M 130.00	N 110.00	P 160	S 10
T 3.50	TB 80.00	TL 80.00													