

## **MOTOR DATA SHEET**

Motor type: SEh90-4LF

Series: SINGLE PHASE



04-12-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	D	Duty	I	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	-	50	1.3	1.8	S1	9	1360	9.13	1.8	1.4	3.2	-	-	72.0	-	-	0.90

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	-			
Frame size	90	Sound power level [dB]	-			
Number of poles	4	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62052Z			
Frequency converter supply	-	Bearing on ND-side	62052Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	14.8	Feet - material	aluminium			
Moment of inertia [kgm2]	0.0032	Bearing shields - material	aluminium			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP 54/IP 55	Climatic execution	U/2			

ENVIRONMENTAL CONDITIONS							
Ambient temperature [°C]	from -15 up to +40	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY							
Number of terminals or cables	4	Temperature sensors in bearings	no				
Cable glands/inlets	1	Winding heaters	no				
Temperature sensors in winding	no	Optional accessories	on demand				

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

ADDITIONAL INFO							
Run capacitor [mikroF/V]	40	Starting capacitor [mikroF/V]	90				

