



## MOTOR DATA SHEET

Motor type: **SEh90-4LF**

Series: **SINGLE PHASE**

30-09-2020

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
230	-	50	1.3	1.8	S1	9	1360	9.13	1.8	1.4	3.2	-	-	72	-	-	0.9

### 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 [kg]	14.8	Feet - material	aluminium
Moment of inertia [kgm <sup>2</sup> ]	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
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