

MOTOR DATA SHEET

Motor type: **SEMh63-4B**

Series: SINGLE PHASE



22-10-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	Þ	Duty	1	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	0.12	0.17	S1	1.25	1360	0.84	1.2	1.9	1.8	-	-	53.0	-	-	0.88

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	-				
Frame size	63	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	62022Z				
Frequency converter supply	-	Bearing on ND-side	62022Z				
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no				
Cooling method	IC411	Housing - material	aluminium				
Weight (IMB3) [kg]	4.3	Feet - material	aluminium				
Moment of inertia [kgm2]	0.000307	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]	8	Starting capacitor [mikroF/V]	-				

