

## **MOTOR DATA SHEET**

Motor type: **Sh71-4B** 

Series: **IE1** 



23-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	Δ	50	0.37	0.50	S1	2.00	1370	2.58	2.1	2.0	2.8	65.7	69.5	70.0	0.46	0.60	0.68
400	Y	50	0.37	0.50	S1	1.15	1370	2.58	2.1	2.0	2.8	65.7	69.5	70.0	0.46	0.60	0.68

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	56			
Frame size	71	Sound power level [dB]	63			
Number of poles	4	Terminal box position	top			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	62032Z			
Frequency converter supply	yes	Bearing on ND-side	62032Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no			
Cooling method	IC411	Housing - material	aluminium			
Weight (IMB3) [kg]	5.9	Feet - material	aluminium			
Moment of inertia [kgm2]	0.00077	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]	up to +40	Altitude above sea level [m]	up to 1000				
Relative humidity [%]	up to 95						

ACCESSORY						
Number of terminals or cables	6	Temperature sensors in bearings	no			
Cable glands/inlets	1	Winding heaters	on demand			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS	
IEC 60034-1	

CERTIFICATES	
on demand	

