

MOTOR DATA SHEET

Motor type: **Sh71X-4C**



Series: **IE1**

03-02-2026

ELECTRICAL PARAMETERS																	
<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	A	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	Δ	50	0.55	0.75	S1	3.50	1360	3.86	2.5	2.4	3.0	62.9	68.2	70.0	0.39	0.51	0.62
400	Y	50	0.55	0.75	S1	2.00	1360	3.86	2.5	2.4	3.0	62.9	68.2	70.0	0.39	0.51	0.62

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]	7.2	Feet - material	aluminium
Moment of inertia [kgm ²]	0.001099	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