



MOTOR DATA SHEET

Motor type: **3SSIE71-2BR(F)**

Series: **SINGLE PHASE IE3**

25-06-2025

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
230	-	50	0.55	0.75	S1	3.1	2870	1.83	1.5	1.6	3.8	-	-	77.8	-	-	0.99

GENERAL DATA

Efficiency class	IE3	Sound pressure level [dB]	-
Frame size	71	Sound power level [dB]	-
Number of poles	2	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	no
Insulation class	F	Bearing on D-side	62032Z
Frequency converter supply	-	Bearing on ND-side	62032Z
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	no
Cooling method	IC411	Housing - material	aluminium
Weight (IMB3) [kg]	8.0	Feet - material	aluminium
Moment of inertia [kgm ²]	0.00069	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]	od -30 do +60	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]	35	Starting capacitor [mikroF/V]	110
--------------------------	----	-------------------------------	-----