



MOTOR DATA SHEET

Motor type: **2SIE355ML2B**

Series: **IE2**

04-12-2025

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
400	Δ or Y	50	315	420	S1	522	2982	1009	1.9	3.0	7.3	95.0	95.7	95.7	0.86	0.90	0.91
690	Δ or Y	50	315	420	S1	301	2982	1009	1.9	3.0	7.3	95.0	95.7	95.7	0.86	0.90	0.91

GENERAL DATA

Efficiency class	IE2	Sound pressure level [dB]	83
Frame size	355	Sound power level [dB]	-
Number of poles	2	Terminal box position	top
Starting method	DOL, Y/Δ or VSD	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6217 C3
Frequency converter supply	yes	Bearing on ND-side	6217 C3
Mounting arrangement	IMB3/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	1680	Feet - material	cast iron
Moment of inertia [kgm ²]	3.0	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP55	Climatic execution	N

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	on demand
Cable glands/inlets	2	Winding heaters	on demand
Temperature sensors in winding	3 x PTC (1pc/phase)	Optional accessories	on demand

STANDARDS

IEC 60034-1

CERTIFICATES

on demand