



MOTOR DATA SHEET

Motor type: **2SIE355H2E**

Series: **IE2**

07-06-2025

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
400	Δ or Y	50	375	503	S1	622	2985	1200	1.5	2.7	7.7	94.8	95.6	95.7	0.85	0.90	0.91
690	Δ or Y	50	375	503	S1	359	2985	1200	1.5	2.7	7.7	94.8	95.6	95.7	0.85	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]	2200	Feet - material	cast iron
Moment of inertia [kgm ²]	5.7	Bearing shields - material	cast iron
Direction of rotation	according to the order	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	2 x Pt100 (1 pc/bearing)
Cable glands/inlets	2	Winding heaters	on demand
Temperature sensors in winding	6 x Pt100 (2pcs./phase)	Optional accessories	on demand

STANDARDS

IEC 60034-1

CERTIFICATES

on demand