

MOTOR DATA SHEET

Motor type: **3SIE355ML2**

Series: **IE3**



09-10-2025

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
400	Δ	50	200	270	S1	335	2987	639	1.9	3.4	7.9	94.2	95.4	95.8	0.83	0.88	0.90
690	Y	50	200	270	S1	193	2987	639	1.9	3.4	7.9	94.2	95.4	95.8	0.83	0.88	0.90

GENERAL DATA

Efficiency class	IE3	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]	1620	Feet - material	cast iron
Moment of inertia [kgm ²]	2.8	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