

MOTOR DATA SHEET

Motor type: 2SIE355ML2B

Series: **IE2**



03-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	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 [kgm2]	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	

