

MOTOR DATA SHEET

Motor type: **3SIE355ML2B**

Series: **IE3**



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%] Power factor a		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	50	315	425	S1	520	2982	1009	2.0	2.9	7.3	95.5	96.0	96.0	0.86	0.90	0.91
690	Y	50	315	425	S1	300	2982	1009	2.0	2.9	7.3	95.5	96.0	96.0	0.86	0.90	0.91

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]	1700	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	

