

MOTOR DATA SHEET

Motor type: **3SIE355ML8B**

Series: **IE3**



04-12-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r 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	200	270	S1	382	740	2581	1.7	2.1	6.2	94.7	95.1	94.6	0.65	0.76	0.80
690	Δ or Y	50	200	270	S1	221	740	2581	1.7	2.1	6.2	94.7	95.1	94.6	0.65	0.76	0.80

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	74			
Frame size	355	Sound power level [dB]	-			
Number of poles	8	Terminal box position	top/* side of housing			
Starting method	bezpośredni. Y/D lub VSD	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	6222 C3/* 6322 C3			
Frequency converter supply	yes	Bearing on ND-side	6222 C3/* 6322 C3			
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	1750	Feet - material	cast iron			
Moment of inertia [kgm2]	8.3	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	

