

MOTOR DATA SHEET

Motor type: **3SIE355ML4C**

Series: **IE3**



03-11-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	355	475	S1	605	1489	2277	2.2	2.5	7.9	95.6	96.1	96.0	0.74	0.84	0.88
690	Y	50	355	475	S1	349	1489	2277	2.2	2.5	7.9	95.6	96.1	96.0	0.74	0.84	0.88

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	78			
Frame size	355	Sound power level [dB]	-			
Number of poles	4	Terminal box position	top/* side of housing			
Starting method	DOL, Y/Δ or 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]	1950	Feet - material	cast iron			
Moment of inertia [kgm2]	7.0	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	

