

MOTOR DATA SHEET

Motor type: **3SIE355ML4**

Series: **IE3**



03-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	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	50	200	270	S1	338	1490	1282	2.1	2.5	7.4	95.4	96.0	96.0	0.79	0.87	0.89
690	Y	50	200	270	S1	195	1490	1282	2.1	2.5	7.4	95.4	96.0	96.0	0.79	0.87	0.89

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]	1700	Feet - material	cast iron		
Moment of inertia [kgm2]	5.3	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	

