

MOTOR DATA SHEET

Motor type: **3SIE355H4E**

Series: **IE3**



22-10-2025

	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 or Y	50	400	540	S1	683	1487	2569	1.8	2.3	7.0	95.8	96.1	96.0	0.80	0.86	0.88
690	Δ or Y	50	400	540	S1	394	1487	2569	1.8	2.3	7.0	95.8	96.1	96.0	0.80	0.86	0.88

GENERAL DATA					
Efficiency class	IE3	Sound pressure level [dB]	84		
Frame size	355	Sound power level [dB]	-		
Number of poles	4	Terminal box position	top/ * side		
Starting method	bezpośredni. Y/D lub VSD	Possibility of terminal box rotation	yes		
Insulation class	F	Bearing on D-side	6322 C3		
Frequency converter supply	yes	Bearing on ND-side	6322 C3		
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes		
Cooling method	IC411	Housing - material	cast iron		
Weight (IMB3) [kg]	2450	Feet - material	cast iron		
Moment of inertia [kgm2]	9.1	Bearing shields - material	cast iron		
Direction of rotation	according to the order	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	2 x Pt100 (1 pc/bearing)			
Cable glands/inlets	2	Winding heaters	on demand			
Temperature sensors in winding	6 x Pt100 (2pcs./phase)	Optional accessories	on demand			

STANDARDS	
IEC 60034-1	

CERTIFICATES	
on demand	

