

MOTOR DATA SHEET

Motor type: **2SIE355H4E**

Series: **IE2**



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	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	375	503	S1	641	1488	2407	1.9	2.4	7.5	95.5	95.9	95.9	0.79	0.86	0.88
690	Δ or Y	50	375	503	S1	370	1488	2407	1.9	2.4	7.5	95.5	95.9	95.9	0.79	0.86	0.88

GENERAL DATA						
Efficiency class	IE2	Sound pressure level [dB]	84			
Frame size	355	Sound power level [dB]	-			
Number of poles	4	Terminal box position	top/ * side			
Starting method	DOL, Y/Δ or 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				

