

MOTOR DATA SHEET

Motor type: **2SIE355H2E**

Series: **IE2**



26-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	P	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	ΔorY	50	375	503	S1	622	2985	1200	1.5	2.7	7.7	94.8	95.6	95.7	0.85	0.90	0.91
690	ΔorY	50	375	503	S1	359	2985	1200	1.5	2.7	7.7	94.8	95.6	95.7	0.85	0.90	0.91

GENERAL DATA							
Efficiency class	IE2	Sound pressure level [dB]	83				
Frame size	355	Sound power level [dB]	-				
Number of poles	2	Terminal box position	top				
Starting method	DOL, Y/Δ or VSD	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	6217 C3				
Frequency converter supply	yes	Bearing on ND-side	6217 C3				
Mounting arrangement	IMB3/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	2200	Feet - material	cast iron				
Moment of inertia [kgm2]	5.7	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	

