

## **MOTOR DATA SHEET**

Motor type: 2SIE355H2D

Series: **IE2** 



12-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	ŀ	•	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 or Y	50	355	480	S1	588	2985	1136	1.7	2.7	7.4	94.7	95.5	95.7	0.84	0.89	0.91
690	Δ or Y	50	355	480	S1	340	2985	1136	1.7	2.7	7.4	94.7	95.5	95.7	0.84	0.89	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]	2140	Feet - material	cast iron				
Moment of inertia [kgm2]	4.9	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	

