

## **MOTOR DATA SHEET**

Motor type: **3SIE355H2D** 

Series: **IE3** 



03-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	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	355	475	S1	586	2985	1136	1.8	2.8	7.5	95.2	96.0	96.1	0.84	0.89	0.91
690	Y	50	355	475	S1	338	2985	1136	1.8	2.8	7.5	95.2	96.0	96.1	0.84	0.89	0.91

GENERAL DATA					
Efficiency class	IE3	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]	2160	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	

