

## **MOTOR DATA SHEET**

Motor type: 2SIE355H6D

Series: **IE2** 



03-11-2025

	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	630	991	3421	1.8	2.3	7.5	95.6	95.9	95.7	0.76	0.83	0.85
690	Δ or Y	50	355	480	S1	364	991	3421	1.8	2.3	7.5	95.6	95.9	95.7	0.76	0.83	0.85

GENERAL DATA						
Efficiency class	IE2	Sound pressure level [dB]	78			
Frame size	355	Sound power level [dB]	-			
Number of poles	6	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]	2540	Feet - material	cast iron			
Moment of inertia [kgm2]	14.3	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	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	

