

## **MOTOR DATA SHEET**

Motor type: **3SIE500H8E** 

Series: **IE3** 



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	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
690	ΔorY	50	1000	1350	S1	1098	746	12802	1.1	2.5	6.5	94.8	95.1	95.3	0.63	0.75	0.80

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	78			
Frame size	500	Sound power level [dB]	-			
Number of poles	8	Terminal box position	top/ * side			
Starting method	direct or VSD	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	NU226 +6226 C3/* 6326 C3			
Frequency converter supply	yes	Bearing on ND-side	NU226 /* 7326 BTVP or QJ326N2MPA			
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	7570	Feet - material	cast iron			
Moment of inertia [kgm2]	118	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	3	Temperature sensors in bearings	2 x Pt100 (1 pc/bearing)			
Cable glands/inlets	3	Winding heaters	on demand			
Temperature sensors in winding	6 x Pt100 (2pcs./phase)	Optional accessories	on demand			

STANDARDS	
IEC 60034-1	

CERTIFICATES					
on demand					

