

## **MOTOR DATA SHEET**

Motor type: **3SIE500H8E** 

Series: **IE3** 



03-11-2025

	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	Δ or Y	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					

