

## **MOTOR DATA SHEET**

Motor type: 3SIE500H6A

Series: **IE3** 



22-10-2025

ELECTRICAL PARAMETERS																	
U	CONN.	f	ŀ	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Efficiency at load [%]		Power	Power factor at load [-]		
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
690	Δ or Y	50	800	1080	S1	808	995	7678	0.9	2.4	5.8	95.5	96.2	96.3	0.74	0.83	0.86

GENERAL DATA						
Efficiency class	IE3	Sound pressure level [dB]	80			
Frame size	500	Sound power level [dB]	-			
Number of poles	6	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]	6200	Feet - material	cast iron			
Moment of inertia [kgm2]	61.5	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	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						

