

MOTOR DATA SHEET

Motor type: **Sh500H12Es**

Series: **ABOVE 8-POLES**



04-12-2025

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 lo	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	560	750	S1	1093	495	10804	1.2	2.6	6.5	94.2	94.8	94.8	0.63	0.73	0.78

GENERAL DATA					
Efficiency class	-	Sound pressure level [dB]	77		
Frame size	500	Sound power level [dB]	-		
Number of poles	12	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]	6680	Feet - material	cast iron		
Moment of inertia [kgm2]	125	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

