

## **MOTOR DATA SHEET**

Motor type: 3SIE400H2F

Series: **IE3** 



03-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	Þ	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	ΔorY	50	630	850	S1	1049	2985	2016	1.5	2.8	7.9	95.4	96.2	96.3	0.84	0.89	0.90
690	ΔorY	50	630	850	S1	606	2985	2016	1.5	2.8	7.9	95.4	96.2	96.3	0.84	0.89	0.90

GENERAL DATA							
Efficiency class	IE3	Sound pressure level [dB]	84				
Frame size	400	Sound power level [dB]	-				
Number of poles	2	Terminal box position	top				
Starting method	bezpośredni. Y/D lub VSD	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	6218 C3				
Frequency converter supply	yes	Bearing on ND-side	6218 C3				
Mounting arrangement	IMB3/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	3100	Feet - material	cast iron				
Moment of inertia [kgm2]	8.7	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	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	

