

## **MOTOR DATA SHEET**

Motor type: **2SIE160M6** 

Series: **IE2** 



12-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	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	Δ	50	7.5	10	S1	15.3	960	74.61	2.3	3.1	6.7	88.2	88.5	87.4	0.64	0.76	0.81
690	Y	50	7.5	10	S1	8.9	960	74.61	2.3	3.1	6.7	88.2	88.5	87.4	0.64	0.76	0.81

GENERAL DATA						
Efficiency class	IE2	Sound pressure level [dB]	60			
Frame size	160	Sound power level [dB]	73			
Number of poles	6	Terminal box position	top			
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes			
Insulation class	F	Bearing on D-side	63092Z			
Frequency converter supply	yes	Bearing on ND-side	63092Z			
Mounting arrangement	IMB3/B5/B35/B14	Bearings regreasing	on demand			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	100	Feet - material	cast iron			
Moment of inertia [kgm2]	0.072	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	6	Temperature sensors in bearings	on demand			
Cable glands/inlets	1	Winding heaters	on demand			
Temperature sensors in winding	on demand	Optional accessories	on demand			

STANDARDS	
IEC 60034-1	

CERTIFICATES	
on demand	

