

## **MOTOR DATA SHEET**

Motor type: 2Sg280M6

Series: **IE1** 



30-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	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	55	75	S1	95	985	533	2.2	2.2	6.2	93.6	94.0	93.5	0.82	0.87	0.89
690	Y	50	55	75	S1	55	985	533	2.2	2.2	6.2	93.6	94.0	93.5	0.82	0.87	0.89

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	75				
Frame size	280	Sound power level [dB]	85				
Number of poles	6	Terminal box position	on right side				
Starting method	DOL or Y/Δ	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	6317C3				
Frequency converter supply	yes	Bearing on ND-side	6317C3				
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	565	Feet - material	cast iron				
Moment of inertia [kgm2]	1.61	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	2 + 1	Winding heaters	on demand				
Temperature sensors in winding	3 x PTC	Optional accessories	on demand				

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

