

## **MOTOR DATA SHEET**

Motor type: 2Sg280M12\_8

Series: MULTI SPEED



22-10-2025

	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	Y	50	20	27	S1	47	492	388	2.5	2.0	4.8	-	-	88.8	-	-	0.69
400	Y	50	22	30	S1	44	742	283	1.9	2.4	5.9	-	-	90.7	-	-	0.79

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	-				
Frame size	280	Sound power level [dB]	-				
Number of poles	12 8	Terminal box position	on right side				
Starting method	DOL / DOL	Possibility of terminal box rotation	yes				
Insulation class	F	Bearing on D-side	6317P63E1				
Frequency converter supply	on demand	Bearing on ND-side	6317P63E1				
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	yes				
Cooling method	IC411	Housing - material	cast iron				
Weight (IMB3) [kg]	625	Feet - material	cast iron				
Moment of inertia [kgm2]	2.05	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	yes	Optional accessories	on demand			

STANDARDS
IEC 60034-1

CERTIFICATES	
on demand	

