

## **MOTOR DATA SHEET**

Motor type: 2Sg280M8\_6

Series: MULTI SPEED



21-11-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	•	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Power	r 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	42	56	S1	80	740	542	2.6	2.6	7.1	89.4	90.9	91.0	0.65	0.76	0.83
400	Y	50	55	74	S1	99	985	533	1.8	1.9	7.1	89.9	91.1	91.0	0.75	0.84	0.88

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	66 71			
Frame size	280	Sound power level [dB]	76 81			
Number of poles	8 6	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]	2.15	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	

