

## **MOTOR DATA SHEET**

Motor type: 2Sg280S8\_4

Series: MULTI SPEED



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	F	Þ	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	Δ	50	46	62	S1	93	738	595	2.2	2.4	5.5	91.2	91.9	91.5	0.68	0.75	0.78
400	YY	50	60	80	S1	102	1480	387	1.8	2.2	6.5	91.9	92.6	92.2	0.89	0.92	0.92

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	62 72				
Frame size	280	Sound power level [dB]	72 82				
Number of poles	8 4	Terminal box position	on right side				
Starting method	DOL or Y/Δ / 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]	540	Feet - material	cast iron				
Moment of inertia [kgm2]	1.65	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	9	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	

