

MOTOR DATA SHEET

Motor type: 2Sg280S8_4W

Series: Multi speed



30-11-2025

	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	15	20	S1	29	740	194	1.7	2.1	5.0	-	-	90.1	-	-	0.82
400	YY	50	60	80	S1	101	1480	387	1.7	2.4	6.2	-	-	93.4	-	-	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 / 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	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	

