

MOTOR DATA SHEET

Motor type: 2Sg280S4_2W

Series: Multi speed



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	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	18	27	S1	32	1485	116	2.4	3.3	7.7	-	-	89.9	-	-	0.90
400	YY	50	72	97	S1	117	2965	232	1.5	2.7	6.6	-	-	93.7	-	-	0.95

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	66 75				
Frame size	280	Sound power level [dB]	76 85				
Number of poles	4 2	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]	565	Feet - material	cast iron				
Moment of inertia [kgm2]	1.38	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	

