

MOTOR DATA SHEET

Motor type: 2Sg280M12_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	Δ	50	26	35	S1	70	495	502	2.1	2.2	4.6	84.2	87.1	88.5	0.40	0.52	0.61
400	YY	50	44	59	S1	77	990	424	2.0	2.2	6.5	92.2	92.6	92.2	0.80	0.87	0.90

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	73 66			
Frame size	280	Sound power level [dB]	83 76			
Number of poles	12 6	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]	585	Feet - material	cast iron			
Moment of inertia [kgm2]	1.8	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	

