

MOTOR DATA SHEET

Motor type: 2Sg280M4_2W

Series: MULTI SPEED



22-10-2025

	ELECTRICAL PARAMETERS																
U	CONN.	f	,	Þ	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	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	23	31	S1	40	1485	148	2.3	3.0	7.2	-	-	91.1	-	-	0.90
400	YY	50	90	121	S1	144	2963	290	1.6	2.6	6.6	-	-	94.2	-	-	0.95

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	69 80				
Frame size	280	Sound power level [dB]	79 90				
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]	630	Feet - material	cast iron				
Moment of inertia [kgm2]	1.63	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	

