

## MOTOR DATA SHEET

Motor type: **2Sg280S8\_6\_4**



24  
68  
POLES  
MULTI  
SPEED

Series: **MULTI SPEED**

03-02-2026

ELECTRICAL PARAMETERS																	
<i>U</i>	CONN.	<i>f</i>	<i>P</i>		Duty	<i>I</i>	<i>n</i>	<i>T</i>	<i>TL/T</i>	<i>TB/T</i>	<i>IL/I</i>	Efficiency at load [%]			Power factor at load [-]		
<i>V</i>	-	Hz	<i>kW</i>	<i>HP</i>	-	<i>A</i>	<i>rpm</i>	<i>Nm</i>	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Δ	50	29	39	S1	59	740	374	3.5	3.6	7.2	-	-	89.0	-	-	0.80
400	Y	50	38	51	S1	73	990	367	2.1	2.6	7.5	-	-	89.0	-	-	0.85
400	YY	50	47	63	S1	81	1480	303	1.9	2.3	7.7	-	-	89.0	-	-	0.94

## GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	280	Sound power level [dB]	-
Number of poles	8 6 4	Terminal box position	on right side
Starting method	DOL / 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]	545	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	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