



## MOTOR DATA SHEET

Motor type: **dSg280S6-EP**

Series: **GENERAL PURPOSE**

11-01-2026

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
1000	Y	50	45	60	S1	32	985	436	2	2.3	6.5	91.8	93.0	93.0	0.75	0.84	0.87

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	68
Frame size	280	Sound power level [dB]	78
Number of poles	6	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	no
Insulation class	F	Bearing on D-side	NU317
Frequency converter supply	on demand	Bearing on ND-side	6317C3
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 [kgm <sup>2</sup> ]	1.35	Bearing shields - material	cast iron
Direction of rotation	CW/CCW	Painting	RAL5010
Degree of protection	IP55	Climatic execution	N

### ENVIRONMENTAL CONDITIONS

Ambient temperature [°C]	from -20 up to +40	Altitude above sea level [m]	up to 1000
Relative humidity [%]	up to 100		

### ACCESSORY

Number of terminals or cables	3	Temperature sensors in bearings	2 x bimetallic (1pc/bearing)
Cable glands/inlets	1	Winding heaters	on demand
Temperature sensors in winding	3 x bimetallic	Optional accessories	on demand

### STANDARDS

IEC 60034-1, IEC 60079-0, IEC 60079-1

### CERTIFICATES

ATEX, EAC, BiH

### ADDITIONAL INFO

Ex marking	I M2 Ex db I Mb / II2G Ex db IIA T5 Gb		
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