

MOTOR DATA SHEET

Motor type: dSg180L8-EP

Series: **GENERAL PURPOSE**



11-12-2025

ELECTRICAL PA							PARAN	1ETER:	S								
U	CONN.	f	F	•	Duty	I	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
1000	Y	50	11	15	S1	9.4	730	144	1.9	2.5	5.5	87.0	88.6	88.5	0.57	0.69	0.76

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	58			
Frame size	180	Sound power level [dB]	68			
Number of poles	8	Terminal box position	top			
Starting method	DOL	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	63112Z			
Frequency converter supply	on demand	Bearing on ND-side	63112Z			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight (IMB3) [kg]	215	Feet - material	cast iron			
Moment of inertia [kgm2]	0.19	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP55	Climatic execution	N			

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	1 x bimetal (D-side)			
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				

