

MOTOR DATA SHEET

Motor type: dSg180M4-EP

Series: **GENERAL PURPOSE**



11-12-2025

							ELECT	RICAL	PARAN	IETER	S						
U	CONN.	f	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
1000	Y	50	18.5	25	S1	13.1	1465	121	2.3	2.9	6.9	90.3	90.9	90.8	0.82	0.88	0.90

GENERAL DATA							
Efficiency class	-	Sound pressure level [dB]	68				
Frame size	160	Sound power level [dB]	78				
Number of poles	4	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]	205	Feet - material	cast iron				
Moment of inertia [kgm2]	0.11	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	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					

