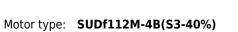


MOTOR DATA SHEET







18-05-2024

	ELECTRICAL PARAMETERS																
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	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
400	Y+Y	50	4	5.5	S3-40%	8.6	1410	27.1	-	3	ı	82.2	83.9	83.4	0.62	0.74	0.81

GENERAL DATA						
Efficiency class	-	Sound pressure level [dB]	72			
Frame size	112	Sound power level [dB]	62			
Number of poles	4	Terminal box position	top			
Starting method	DOL with external starter	Possibility of terminal box rotation	no			
Insulation class	F	Bearing on D-side	6306 2Z			
Frequency converter supply	on demand	Bearing on ND-side	6306 2Z			
Mounting arrangement	IMB3/B5/B35	Bearings regreasing	no			
Cooling method	IC411	Housing - material	cast iron			
Weight [kg]	70	Feet - material	cast iron			
Moment of inertia [kgm2]	0.025	Bearing shields - material	cast iron			
Direction of rotation	CW/CCW	Painting	RAL5010			
Degree of protection	IP44	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	3+3	Temperature sensors in bearings	on demand			
Cable glands/inlets	2 + 1	Winding heaters	on demand			
Temperature sensors in winding	3 x PTC	Optional accessories	on demand			

STANDARDS	
IEC 60034-1	

ADDITIONAL INFO						
Rotor voltage [V]	150 Rotor current [A]		17.6			
Rotor resistance [ohm]	4.92	Additional rotor resistance [ohm]	0.025			

