

## **MOTOR DATA SHEET**

Motor type: **Sf315X2** 

Series: STANDARD EFFICIENCY



21-11-2025

							ELECTI	RICAL	PARAN	1ETER:	S						
U	CONN.	f	F	D	Duty	1	n	Т	TL/T	TB/T	IL/I	Effici	ency at loa	d [%]	Powe	r factor at l	oad [-]
V	-	Hz	kW	HP	-	Α	rpm	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
6000	Y	50	200	270	S1	22.8	2972	643	1.1	2.7	6.3	-	-	93.6	-	-	0.90

GENERAL DATA				
Efficiency class	-	Sound pressure level [dB]	-	
Frame size	315	Sound power level [dB]	-	
Number of poles	2	Terminal box position	on right side	
Starting method	DOL	Possibility of terminal box rotation	yes	
Insulation class	F	Bearing on D-side	6317C3	
Frequency converter supply	on demand	Bearing on ND-side	6317C3	
Mounting arrangement	IM1001(B3)	Bearings regreasing	yes	
Cooling method	IC611	Housing - material	steel	
Weight (IMB3) [kg]	1450	Feet - material	steel	
Moment of inertia [kgm2]	2.2	Bearing shields - material	steel	
Direction of rotation	CW/CCW	Painting	RAL5010	
Degree of protection	IP54	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 95			

ACCESSORY				
Number of terminals or cables	3	Temperature sensors in bearings	2 x Pt100 (1 pc/bearing)	
Cable glands/inlets	1	Winding heaters	on demand	
Temperature sensors in winding	6 x Pt100 (2 pcs./phase)	Optional accessories	on demand	

STANDARDS	
IEC60034-1	

CERTIFICATES
on demand

