



## MOTOR DATA SHEET

Motor type: **Sf355Y2-E**

Series: **STANDARD EFFICIENCY**

03-05-2024

### ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
V	-	Hz	kW	HP	-	A	rpm	N	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
6000	Y	50	315	430	S1	36.2	2974	1012	0.9	2.5	5.7	-	-	94.4	-	-	0.89

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	355	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	6318C3
Frequency converter supply	on demand	Bearing on ND-side	6318C3
Mounting arrangement	IM1001(B3)	Bearings regreasing	yes
Cooling method	IC611	Housing - material	steel
Weight [kg]	1970	Feet - material	steel
Moment of inertia [kgm <sup>2</sup> ]	4.9	Bearing shields - material	steel
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 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