MOTOR DATA SHEET

Motor type: **Sh355H2A**

Series: **HIGH EFFICIENCY**

04-02-2026

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	Nm	-	-	-	2/4	3/4	4/4	2/4	3/4	4/4
6000	Y	50	160	220	S1	18.3	2978	513	1.2	2.7	6.6	-	-	94.8	-	-	0.89

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	83
Frame size	355	Sound power level [dB]	-
Number of poles	2	Terminal box position	top
Starting method	DOL	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6217C3
Frequency converter supply	on demand	Bearing on ND-side	6217C3
Mounting arrangement	B3/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	1820	Feet - material	cast iron
Moment of inertia [kgm2]	2.3	Bearing shields - material	cast iron
Direction of rotation	CW or CCW (according to the order)	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

IEC 60034-1

CERTIFICATES

on demand

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