since 1921

MOTOR DATA SHEET

Motor type: **Sf355X6**

Series: **Standard efficiency**

15-06-2025

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	250	340	S1	30.9	989	2414	1.4	2.4	5.6	-	-	94.0	-	-	0.83

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	-
Frame size	355	Sound power level [dB]	-
Number of poles	6	Terminal box position	on right side
Starting method	DOL	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	NU222EM1+6222MC3
Frequency converter supply	on demand	Bearing on ND-side	NU222EM1
Mounting arrangement	IM1001(B3)	Bearings regreasing	yes
Cooling method	IC611	Housing - material	steel
Weight (IMB3) [kg]	2080	Feet - material	steel
Moment of inertia [kgm2]	10.6	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