



MOTOR DATA SHEET

Motor type: **Sh400H2Ds**

Series: **IE1**

20-07-2019

ELECTRICAL PARAMETERS

U	CONN.	f	P		Duty	I	n	T	TL/T	TB/T	IL/I	Efficiency at load [%]			Power factor at load [-]		
			kW	HP								-	-	-	2/4	3/4	4/4
400	Δ or Y	50	500	680	S1	821	2985	1600	1.4	2.8	7.2	95.6	96.5	96.6	0.86	0.90	0.91
690	Δ or Y	50	500	680	S1	474	2985	1600	1.4	2.8	7.2	95.6	96.5	96.6	0.86	0.90	0.91

GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	84
Frame size	400	Sound power level [dB]	-
Number of poles	2	Terminal box position	top
Starting method	bezpośredni Y/D lub VSD	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6218 C3
Frequency converter supply	yes	Bearing on ND-side	6218 C3
Mounting arrangement	IMB3/B35	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	2880	Feet - material	cast iron
Moment of inertia [kgm ²]	7.7	Bearing shields - material	cast iron
Direction of rotation	according to the order	Painting	RAL5010
Degree of protection	IP55	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	6	Temperature sensors in bearings	2 x Pt100 (1szt./łoż)
Cable glands/inlets	2	Winding heaters	on demand
Temperature sensors in winding	6 x Pt100 (2pcs./phase)	Optional accessories	on demand

STANDARDS

IEC 60034-1

CERTIFICATES

on demand