



## MOTOR DATA SHEET

Motor type: **Sh355H4Es**

Series: **IE1**

16-07-2019

### 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	400	540	S1	683	1487	2569	1.8	2.3	7.0	95.7	96.2	96.1	0.8	0.86	0.88
690	Δ or Y	50	400	540	S1	394	1487	2569	1.8	2.3	7.0	95.7	96.2	96.1	0.8	0.86	0.88

### GENERAL DATA

Efficiency class	-	Sound pressure level [dB]	84
Frame size	355	Sound power level [dB]	-
Number of poles	4	Terminal box position	top/ * side
Starting method	direct or Y/D or VSD	Possibility of terminal box rotation	yes
Insulation class	F	Bearing on D-side	6322 C3
Frequency converter supply	yes	Bearing on ND-side	6322 C3
Mounting arrangement	IMB3/B35/V1*	Bearings regreasing	yes
Cooling method	IC411	Housing - material	cast iron
Weight (IMB3) [kg]	2450	Feet - material	cast iron
Moment of inertia [kgm <sup>2</sup> ]	9.1	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