VYBO Electric a.s.

Data Sheet	No.
Three Phase Squirrel Cage Induction Motor	Drawing No.
Customer	
Client reference	
Type	H17RL-355X4-4 560KW 400V/690V 50HZ
Brand	VYBO Electric

General data

Type:		H17RL 355X4-4	
Frame:		355	mm

Environmental conditions

Ambient Temperature:	-20～40°C
Altitude:	1000 m

Electrical data

Power:		560	kW
Rated Current:	400V	968	A
	690V	561	A
Speed:		1485	rpm
Frequency:		50	Hz
Poles:		4	P
Rated Voltage:		400/690	V
Rated Torque		3601	Nm
Connection:		D/Y	
Ist/In:		700	%
Tst/Tn:		120	%
Tmax/Tn:		200	%
Full Load Torque:		367	Kg-m
Moment of inertia:		12	$Kg\text{-}m^2$

Mechanical data

Temperature Rise:	B
Mounting:	IM B3
Duty:	S1
Protection Degree:	IP55
Insulation Class:	F
Cooling:	IC411
Weight:	3000 kg
Vibration:	2.8 mm/s
Direction of Rotation:	Both
Starting Method:	DOL or VFD
Load Type:	Parabolic or linear curve
Color:	RAL7030
Paint Shade:	shiny
Rotor Cage:	massive aluminium squirrel cage
Type of Terminal box:	VYBO CB2

Performance

Output:	100%
Efficiency (%):	96,3
Power factor:	0,87

Bearing Information

	DE	NDE
Bearing:	6322C3	6222C3
Grease:	SKF LGHP2	SKF LGHP2

Notes / Accessories

- 6 x PT100 in windings
- 1 x PT100 in NDE bearing
- 1 x PT100 in DE bearing
- Space Heater 230V
- 3 x PTC in windings

Standards

Specification:	IEC60034-1
Test:	IEC60034-2
Noise:	IEC60034-9
Vibration:	IEC60034-14

Edition

Performed	Checked	Date

Item	Changes	Performed	Checked	Date