TEC ELECTRIC MOTORS UK

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Data Sheet	No.
Three Phase Induction Motor	Drawing No.

Customer	
Client reference	
Type:	IE3-355L-4 355KW 400/690V 50HZ
Brand	*TEC* Date

Identification

Frame:	355	mm	Insulation Class:	F
Output:	355	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1.0
Poles:	4	P	Duty:	S1
Rated Speed:	1488	rpm	Ambient Temperature:	-20～40°C
Slip:	0.8	%	Altitude:	1000m
Rated Voltage:	400 / 690	V	Protection Degree:	IP55
Connection:	△/Y		Cooling:	IC411
Rated Current:	606.5 / 351.6	A	Mounting:	IM B3
Rotor Voltage:			Vibration:	2.8 mm/s
Connection:			Approx. Weight:	2060 kg
Rotor Current:			Moment of Inertia:	11.2754 kg/m2
Locked Rotor Current:	750	%	Noise Level（Lp）:	91 dB(A)
No Load Current:			Direction of Rotation:	Both
Rated Torque:	2278.4	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	170	%	Coupling:	DIRECT
Breakdown Touque:	220	%	**Load Type:**	PARABOLIC CURVE

Performance

Output:	50%	75%	100%
Efficiency(%):	93.1	96.1	96
Power Factor:	0.75	0.84	0.88

Bearing Information

	DE	NDE
Bearing:	6322C3	6320C3
Regreasing int.(h):	4000	4000
Grease amount(g)	60	51
Grease-PolyrexEM	Caltex SRI-2	Caltex SRI-2

Notes / Accessories

Winding：3XPTC150℃

Deviation Sheet

TEC	Customer

Standards

Specification:	IEC60034-1 / GB755
Test:	IEC60034-2 / GB/T1032
Noise:	IEC60034-9 / GB10069.3
Vibration:	IEC60034-14 / GB10068

Edition

Performed	Checked	Date

PRELIMINARY DOCUMENT

Item	Changes	Performed	Checked	Date