Data Sheet	No.	
Three Phase Induction Motor	Drawing No.	

Customer	
Client reference	
Type:	IE1-400L-2 500KW 400690V 50HZ B3
Brand	*OMEC* Date

Identification

Frame:	400	mm	Insulation Class:	F
Output:	500	kW	Temperature Rise:	80K
Frequency:	50	Hz	Service Factor:	1,0
Poles:	2	P	Duty:	S1
Rated Speed:	2988	rpm	Ambient Temperature:	-20～40°C
Slip:	0,4	%	Altitude:	1000m
Rated Voltage:	400 / 690	V	Protection Degree:	IP55
Connection:	△/Y		Cooling:	IC411
Rated Current:	835 / 484,2	A	Mounting:	IM B3
Rotor Voltage:			Vibration:	2.8 mm/s
Connection:			Approx. Weight:	3340 kg
Rotor Current:			Moment of Inertia:	9,6 kg/m2
Locked Rotor Current:	750	%	Noise Level（Lp）:	95 dB(A)
No Load Current:			Direction of Rotation:	Both
Rated Torque:	1598,1	Nm	Starting Method:	DIRECT ON LINE
Locked Rotor Torque:	150	%	Coupling:	DIRECT
Breakdown Touque:	200	%	**Load Type:**	PARABOLIC CURVE

Performance

Output:	50%	75%	100%
Efficiency(%):	93,1	96,1	96
Power Factor:	0,77	0,86	0,9

Bearing Information

	DE	NDE
Bearing:	6326C3	6326C3
Regreasing int.(h):	4000	4000
Grease amount(g)	85	85
Grease-PolyrexEM	Caltex SRI-2	Caltex SRI-2

Notes / Accessories

Winding：3XPTC150℃

Deviation Sheet

Omec	Customer

Standards

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

PRELIMINARY DOCUMENT

Edition

Performed	Checked	Date

Item	Changes	Performed	Checked	Date