



# VALIADIS S.A. Hellenic Motors

## K-355LX- 4 TYPE TEST REPORT

<b>MODEL</b>	K355LX-4
<b>REPORT No</b>	
<b>SERIES No</b>	
<b>TEST DATE</b>	

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**VALIADIS S.A.**  
Hellenic Motors  
Quality Assurance Certificate EN ISO 9001:2008  
Certificate Reg.No. 041130055



## PERFORMANCE SUMMARY

### NAMEPLATE DATA

MOTOR TYPE:	K355LX - 4		SERIES No:	
RATE VOLTAGE:	400	<b>V</b>	CONNECTION:	$\Delta$
RATE CURRENT:	866	<b>A</b>	DUTY:	S1
RATE POWER:	500	<b>kW</b>	INSULATION CLASS:	F
RATE SPEED:	1485	<b>r/min</b>	ENCLOSURE:	IP55
FREQUENCY:	50	<b>Hz</b>	MANUFACTURER:	VALIADIS S.A
PRODUCTION DATE :				

### TEST REPORT

Electrical Performance		Test Value
Cold Line Resistance	<b>(<math>\Omega</math>)</b>	0,0028
Ambient Temp.	<b>(<math>^{\circ}\text{C}</math>)</b>	16,9
No Load Current	<b>(A)</b>	181,70
No Load Input	<b>W</b>	7531
Mechanical Loss	<b>W</b>	3378
Core Loss(Pfe)	<b>W</b>	4025
No Load Current Unbalance	<b>(%)</b>	0,82
Locked Current	<b>(A)</b>	6453,84
Locked Current / Rate Current		7,45
Locked Torque	<b>(Nm)</b>	4537,50
Rate Torque	<b>(Nm)</b>	3215
Locked Torque/Rate Torque		1,41
Max Torque	<b>(Nm)</b>	/
Max Torque/Rate Torque		/
Full Load Input Power	<b>W</b>	517864
Full Load Current	<b>(A)</b>	839,1
Full Load Power Factor	<b>(%)</b>	0,891
Full Load Slip	<b>(%)</b>	0,787
Stator Winding Loss (Pcu1)	<b>W</b>	3802,1
Rotor Winding Loss (Pcu2)	<b>W</b>	4014
Stray Load Loss (Ps)	<b>W</b>	2589,3
Efficiency (100%)	<b>(%)</b>	96.55
Efficiency (75%)	<b>(%)</b>	96.60
Stator Winding Temp.Rise	<b>(K)</b>	74.25

TEST :		CHECK:		DATE :	
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