

**SPECIFICATIONS:**

**1. MOTOR INFORMATION**

MOTOR TYPE: VARIABLE SPEED AC  
 FRAME SIZE: RDL1308Y  
 RATING: 33.5 KW  
 VOLTAGE: 400  
 ENCLOSURE: TOTALLY ENCLOSED IP54  
 MOUNTING: FLANGE (350mm BOLT CIRCLE)  
 COOLING: BLOWER COOLED IC416  
 DRIVE METHOD: COUPLED OR BELTED  
 ACCESSORIES: ENCODER & BRAKE

**2. CONTINUOUS STALL TORQUE: 115 Nm**  
 MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT

**3. OPERATING SPEED: 3000 BASE SPEED / 5000 RPM MAX.**

**4. 1024 SINUSOID/REV ENCODER, WITH MULTI-TURN ABSOLUTE POSITION DATA**

**5. FOR ADDITIONAL SPECIFICATIONS SEE 10000000338**

**6. SHAFT HEIGHT WILL NOT BE EXCEEDED SHIMS UP TO 0.5 MM IN THICKNESS USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.**

**7. SHAFT EXTENSIONS ARE ACCORDING TO DIN 748, TOLERANCES ARE BASED ON THE ISA FITTING SYSTEM USING K6 FOR DIAMETERS UP TO 50MM AND M6 FOR DIAMETERS ABOVE.**

**8. MAX SHAFT TIR .06 (L002)**  
**MAX FACE TIR .13 (L005)**

**9. MOTOR WEIGHT 204 KG. (450 LBST) (MAY VARY 15%)**

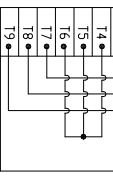
**10. BRAKE: 400VAC 20 Nm MAX. HOLDING TORQUE, BRAKE RELEASES WHEN VOLTAGE APPLIED**

BLOWER CONNECTION	
LEAD	400 VOLTS
T1	L1
T2	L2
T3	L3

PIN-OUT ENCODER CONNECTOR	
PIN	FUNCTION
A	SIN +
B	SIN -
C	COS +
D	COS -
E	DATA +
F	DATA -
G-M	-
N	+9 VDC
P	COM
R	TS +
S	TS -
T-V	-

MOTOR CONNECTION TERMINAL BOX	
LEAD	SOURCE
U1	L1
U2	L2
V1	L1
V2	L2
W1	L3
W2	L3
GREEN	GROUND

BRAKE CONNECTION	
LEAD	SOURCE
B1	L1
B2	L2



NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

SUPPLIER PART NUMBER: L13M5277

**REFERENCES**

VERSION/CHANGE NUMBER	TOLERANCES UNLESS OTHERWISE SPECIFIED
	DO NOT SCALE DRAWING DIMENSIONS ARE IN MILLIMETERS WITH INCH DIMENSIONS IN PARENTHESES UNLESS OTHERWISE SPECIFIED
	ANGLE PROJECTION

**DESCRIPTION**

HPK-E1308E-MB4AAA,ESM

**CAD DOCUMENT**

Allen-Bradley



DR. AMB DATE 09-19-06

SHEET 1 OF 1

DXF FILE AVAILABLE

DWG. DOCUMENT NUMBER 10000000338