



**SPECIFICATIONS:**

- MOTOR INFORMATION  
MOTOR TYPE: VARIABLE SPEED AC  
FRAME SIZE: RDL1308Y  
RATING: 216 KW  
VOLTAGE: 460  
ENCLOSURE: TOTALLY ENCLOSED IP54  
MOUNTING: FLANGE (350mm BOLT CIRCLE)  
COOLING: BLOWER COOLED IC416  
DRIVE METHOD: COUPLED OR BELTED  
ACCESSORIES: ENCODER & BRAKE
- CONTINUOUS STALL TORQUE: 141 Nm  
MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT
- OPERATING SPEED: 1500 BASE SPEED / 3000 RPM MAX.
- 1024 SINUSOID/REV ENCODER, WITH SINGLE-TURN ABSOLUTE POSITION DATA
- FOR ADDITIONAL SPECIFICATIONS SEE L13M5200E2
- SHAFT HEIGHT WILL NOT BE EXCEEDED SHIMS UP TO 0.5 MM IN THICKNESS USUALLY REQUIRED FOR COUPLED OR GEARED MACHINES.
- SHAFT EXTENSIONS ARE ACCORDING TO DIN 748. TOLERANCES ARE BASED ON THE ISA FITTING SYSTEM USING H6 FOR DIAMETERS UP TO 50MM AND m6 FOR DIAMETERS ABOVE.
- MAX SHAFT TIR .06 [0.025]  
MAX FACE TIR .13 [0.051]
- MOTOR WEIGHT 204 KG. (500 LBS) (MAY VARY 15%)
- BRAKE RELEASES WHEN VOLTAGE APPLIED

LEAD	SERIES
11	L1
12	L2
13	L3
14	L3
15	L3
16	L3
17	L3
18	L3
19	L3

LEAD	230 VOLTS	PARALLEL
11	L1	L1
12	L2	L2
13	L3	L3
14	L3	L3
15	L3	L3
16	L3	L3
17	L3	L3
18	L3	L3
19	L3	L3

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

LEAD	460 VOLTS	PARALLEL
11	L1	L1
12	L2	L2
13	L3	L3
14	L3	L3
15	L3	L3
16	L3	L3
17	L3	L3
18	L3	L3
19	L3	L3

LEAD	460 V 1 PHASE
B1	L1
B2	L2

NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

REV	C/R	REVISION DESCRIPTION	DATE	BY

UNLESS OTHERWISE SPECIFIED  
DO NOT SCALE DRAWING  
DIMENSIONS ARE IN MILLIMETERS  
WITH INCHES REFERENCED EXCEPT  
UNTOLERANCED DIMENSIONS ARE REFERENCING  
THIRD ANGLE PROJECTION

<b>Allen-Bradley</b>	<b>Part No. L13M5200</b>
SCALE: 1:1 A	DWG. SIZE: C
SHEET 1 OF 1	DATE: 3/06/06
CATALOG NO. HPK-B1308C-SC44AA-ESM	APPROVED BY: WEM

DXF FILE AVAILABLE