



1. 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 MULTI-TURN ABSOLUTE POSITION DATA
- FOR ADDITIONAL SPECIFICATIONS SEE L13M5190ESE
- 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 K6 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. [450 LBS] (MAY VARY 15%)
- BRAKE RELEASES WHEN VOLTAGE APPLIED

BLOWER CONNECTION	
LEAD	460 VOLTS
11	L1
12	L2
13	L3
14	L1
15	L2
16	L3
17	L1
18	L2
19	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	
LEAD	TERMINAL BOX
U1	L1
V1	L2
W1	L3
GREEN	GROUND

BRAKE CONNECTION	
LEAD	460 V 3 PHASE SOURCE
B1	L1
B2	L2



REV	C/R	REVISION DESCRIPTION	DATE	BY
1		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS WITH INCHES REFERENCED EXCEPT WHERE SHOWN OTHERWISE		
2		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS WITH INCHES REFERENCED EXCEPT WHERE SHOWN OTHERWISE		

NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

DRIVE END SHAFT DETAIL SPEC (9)

SCALE: 1/4" = 1"

DATE: 3/03/06

APPROVED BY: WEM

DATE: 3/03/06

BRAND: Allen-Bradley

PART NO: L13M5190

CATALOG NO: HPK-B1308C-MB44AA-ESM

SCALE: 1/4" = 1"

DWG SIZE: C

SHEET: 1 OF 1

DXF FILE AVAILABLE