

SPECIFICATIONS:

1. MOTOR INFORMATION

MOTOR TYPE: VARIABLE SPEED AC
 FRAME SIZE: RDL1613Y
 RATING: 417 KW
 VOLTAGE: 460

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: 271 Nm
 MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT**

3. OPERATING SPEED: 1500 BASE SPEED / 3000 RPM MAX.

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

5. FOR ADDITIONAL SPECIFICATIONS SEE L16M5192ESE

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 L[002]
 MAX FACE TIR .13 L[005]

9. MOTOR WEIGHT 305 KG. (672 LBS) (MAY VARY 15%)

10. BRAKE: 460VAC 20 Nm MAX. HOLDING TORQUE, BRAKE RELEASES WHEN VOLTAGE APPLIED

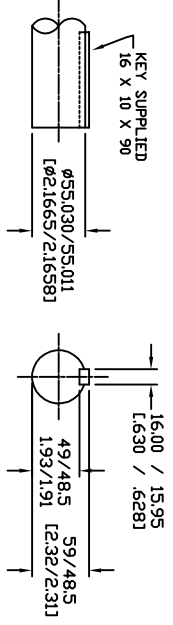
BLOWER CONNECTION	
LEAD	460 VOLTS
11	L1
12	L2
13	L3
14	L3
15	L3
16	L3
17	L3
18	L3
19	L3

PIN-OUT ENCODER CONNECTION	
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 PHASE
B1	L1
B2	L2

DRIVE END SHAFT DETAIL SPEC (9)



NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

REV	C/R	REVISION DESCRIPTION	DATE	BY

UNLESS OTHERWISE SPECIFIED	UNLESS OTHERWISE SPECIFIED
DO NOT SCALE DRAWING	DO NOT SCALE DRAWING
DIMENSIONS ARE IN MILLIMETERS	DIMENSIONS ARE IN MILLIMETERS
WITH DIMENSIONS REFERENCED TO DDD	WITH DIMENSIONS REFERENCED TO DDD
UNTIL DIMENSIONS ARE REFERENCED	UNTIL DIMENSIONS ARE REFERENCED
THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION

DXF FILE AVAILABLE

Allen-Bradley

SCALE: 1/16" = 1"

DWG SIZE: C

SHEET: 1 OF 1

REV: 1

DATE: 3/03/06

APPROVED BY: WEM

DATE: 3/03/06

CATALOG NO: HPK-B1613C-MB44AA-ESM

PART NO: L16M5192