



- SPECIFICATIONS:**
- MOTOR INFORMATION
MOTOR TYPE: VARIABLE SPEED AC
FRAME SIZE: RDL1609Y
RATING: 484 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: 156 Nm
MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT
 - OPERATING SPEED: 3000 BASE SPEED / 5000 RPM MAX.
 - 1024 SINUSOID/REV ENCODER, WITH MULTI-TURN ABSOLUTE POSITION DATA
 - FOR ADDITIONAL SPECIFICATIONS SEE L16MS217EISE
 - 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 L0021
 - MAX FACE TIR .13 L0051
 - MOTOR WEIGHT 240 KG. (530 LBS) (MAY VARY 15%)
 - 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 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 1 PHASE SOURCE
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 DIMENSIONS REFERENCED TO DIM
UNLESS OTHERWISE SPECIFIED
THIRD ANGLE PROJECTION

ALLEN-BRADLEY
PART NO. L16MS217
SCALE: 1/4" = 1"

BRN BY GWS 3/06/06
CATALOG NO. HPK-B1609E-MC44AA-ESM
APPROVED BY WEM 3/06/06

SCALE: 1/4" = 1"
DIM SIZE: C
SHEET: 1 OF 1

DXF FILE AVAILABLE