

SPECIFICATIONS:

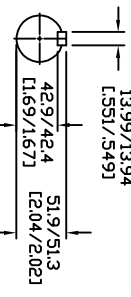
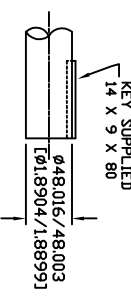
- MOTOR INFORMATION**
MOTOR TYPE: VARIABLE SPEED AC
FRAME SIZE: RDL1310Y
RATING: 238 KW
VOLTAGE: 460
ENCLOSURE: TOTALLY ENCLOSED IP54
MOUNTING: FLANGE (350mm BOLT CIRCLE)
COOLING: BLOWER COOLED IC416
DRIVE METHOD: COUPLED OR BELTED
ACCESSORIES: ENCODER & BRAKE
- CONTINUOUS STALL TORQUE: 155 Nm
MAX AT 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 L13M5181E
- 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 n6 FOR DIAMETERS ABOVE.
- MAX SHAFT TIR .06 L[002]
- MAX FACE TIR .13 L[005]
- MOTOR WEIGHT 218 KG (481 LBS) (MAY VARY 15%)
- BRAKE RELEASES WHEN VOLTAGE APPLIED

BLOWER CONNECTION		SERIES	
LEAD	460 VOLTS	LEAD	460 VOLTS
11	L1	A	SIN +
12	L2	B	SIN -
13	L3	C	COM +
14	L3	D	COM -
15	L3	E	DATA +
16	L3	F	DATA -
17	L3	G-M	-
18	L3	N	+9 VDC
19	L3	P	COM
19	L3	R	TS +
19	L3	S	TS -
19	L3	T	-V

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

MOTOR CONNECTION	
TERMINAL BOX	LEAD
U1	L1
V1	L2
W1	L3
Y1	L3
Z1	L3
AA	L3
BB	L3
CC	L3
DD	L3
EE	L3
FF	L3
GG	L3
HH	L3
II	L3
JJ	L3
KK	L3
LL	L3
MM	L3
NN	L3
OO	L3
PP	L3
QQ	L3
RR	L3
SS	L3
TT	L3
UU	L3
VV	L3
WW	L3
XX	L3
YY	L3
ZZ	L3

BRAKE CONNECTION	
460 V PHASE	LEAD SOURCE
B1	L1
B2	L2
B3	L3



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 UNLESS REFERENCED DIMS	WITH UNLESS REFERENCED DIMS
UNTOLERANCED DIMENSIONS ARE REFERENCE	UNTOLERANCED DIMENSIONS ARE REFERENCE
THIRD ANGLE PROJECTION	THIRD ANGLE PROJECTION

ALLEN-BRADLEY	HPK-B1310C-SB44AA-ESM
SCALE: 1/4" = 1"	DWG SIZE: C
SHEET 1 OF 1	DATE: 3/03/06
APPROVED BY: WEM	DATE: 3/03/06

DXF FILE AVAILABLE