



SPECIFICATIONS:

1. MOTOR INFORMATION

MOTOR TYPE: VARIABLE SPEED AC
 FRAME SIZE: RDL1611Y
 RATING: 57 KW
 VOLTAGE: 460
 ENCLOSURE: TOTALLY ENCLOSED IP54
 MOUNTING: FLANGE (350mm BOLT CIRCLED)
 COOLING: BLOWER COOLED ICA16
 DRIVE METHOD: COUPLED OR BELTED
 ACCESSORIES: ENCODER & BRAKE

2. CONTINUOUS STALL TORQUE: 183 Nm
 MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT

3. OPERATING SPEED: 3000 BASE SPEED / 5000 RPM MAX.

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

5. FOR ADDITIONAL SPECIFICATIONS SEE L16MS198SE

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 H6 FOR DIAMETERS UP TO 50MM AND M6 FOR DIAMETERS ABOVE.

8. MAX SHAFT TIR .06 (L0021)

9. MAX FACE TIR .13 (L0051)

10. MOTOR WEIGHT 270 KG. (595 LBS) (MAY VARY 15%)

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

LEAD	460 VOLTS	230 VOLTS
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	ENCODER CONNECTOR	PIN-OUT
A	SIN +	SIN +
B	SIN -	SIN -
C	COS +	COS +
D	COS -	COS -
E	DATA +	DATA +
F	DATA -	DATA -
G-H	-	-
N	+9 VDC	+9 VDC
P	COM	COM
R	TS +	TS +
S	TS -	TS -
T-V	-	-

LEAD	460 V 1 PHASE	230 V 1 PHASE
U1	L1	L1
V1	L2	L2
W1	L3	L3
X1	L3	L3
Y1	L3	L3
Z1	L3	L3

LEAD	460 V 1 PHASE	230 V 1 PHASE
BI	L1	L1
BE	L2	L2

LEAD	460 V 1 PHASE	230 V 1 PHASE
BI	L1	L1
BE	L2	L2

LEAD	460 V 1 PHASE	230 V 1 PHASE
BI	L1	L1
BE	L2	L2

LEAD	460 V 1 PHASE	230 V 1 PHASE
BI	L1	L1
BE	L2	L2

REV	C/R	REVISION DESCRIPTION	DATE	BY

NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

DXF FILE AVAILABLE

Allen-Bradley
 HPK-B1611E-MB44AA-ESM
 L16MS198
 SCALE: 1/4" = 1"

1 OF 1
 SHEET 1