



SPECIFICATIONS:

1. MOTOR INFECTION
MOTOR TYPE: VARIABLE SPEED AC

FRAME SIZE: RDL1609Y
RATING: 48.4 KW
VLTAGE: 460

ENCLOSURE: TOTALLY ENCLOSED IP54
MOUNTING: FLANGE (350mm BOLT CIRCLE)
COOLING: BLOWER COOLED IC416

DRIVE METHOD: COUPLED DR BELTED
ACCESSORIES: ENCODER & BRAKE

2. CONTINUOUS STALL TORQUE: 156 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 SINGLE-TURN ABSOLUTE POSITION DATA

5. FOR ADDITIONAL SPECIFICATIONS SEE L16M5187ESE

6. SHAFT HEIGHT WILL NOT BE EXCEEDED SHIMS UP TO 0.5 MM IN THICKNESS USUALLY REQUIRED FOR COUPLED DR 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 L0021
MAX FACE TIR .13 L0051

9. MOTOR WEIGHT 240 KG. (530 LBS) (MAY VARY 15%)

10. BRAKE RELEASES WHEN VOLTAGE APPLIED

LEAD	460 VOLT	230 VOLT
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

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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

BROWN BY: GWS 3/06/06
DATE: 3/06/06
APPROVED BY: WEM 3/06/06
CATALOG NO.: HPK-B1609E-SB44AA-ESM
PART NO.: L16M5187

SCALE: 1:1
DWG SIZE: C
SHEET: 1 OF 1

DXF FILE AVAILABLE



Allen-Bradley

SCALE: 1:1
DWG SIZE: C
SHEET: 1 OF 1