



SPECIFICATIONS:

1. MOTOR INFORMATION

MOTOR TYPE: VARIABLE SPEED AC
 FRAME SIZE: DL1815Y
 RATING: 55.9 KW
 VOLTAGE: 460
 ENCLOSURE: TOTALLY ENCLOSED IP54
 MOUNTING: FOOT
 COOLING: BLOWER COOLED IC416
 DRIVE METHOD: COUPLED DR BELTED
 ACCESSORIES: ENCODER & BRAKE

**2. CONTINUOUS STALL TORQUE: 360 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 MULTITURN ABSOLUTE POSITION DATA

5. FOR ADDITIONAL SPECIFICATIONS SEE L18M5193ESE

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 L0023
 MAX FACE TIR .13 L0051**

**9. MOTOR WEIGHT 497 KG. (1096 LBS) (MAY VARY 15%)
 MAX. HOLDING TORQUE.**

10. BRAKE RELEASES WHEN VOLTAGE APPLIED

LEAD	460 VOLT	11	12	13	14	15	16	17	18	19
11	+	L1								
12	-	L2								
13	-	L3								
14	-	L3								
15	-	L3								
16	-	L3								
17	-	L3								
18	-	L3								
19	-	L3								

LEAD	230 VOLT	11	12	13	14	15	16	17	18	19
11	+	L1								
12	-	L2								
13	-	L2								
14	-	L3								
15	-	L3								
16	-	L3								
17	-	L3								
18	-	L3								
19	-	L3								

LEAD	460 V 1 PHASE	11	12	13	14	15	16	17	18	19
11	+	L1								
12	-	L2								
13	-	L3								
14	-	L3								
15	-	L3								
16	-	L3								
17	-	L3								
18	-	L3								
19	-	L3								

LEAD	460 V 1 PHASE	11	12	13	14	15	16	17	18	19
11	+	L1								
12	-	L2								
13	-	L3								
14	-	L3								
15	-	L3								
16	-	L3								
17	-	L3								
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13	-	L3								
14	-	L3								
15	-	L3								
16	-	L3								
17	-	L3								
18	-	L3								
19	-	L3								

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 INCHES REFERENCED EXCEPT UNLESS OTHERWISE SPECIFIED THIRD ANGLE PROJECTION		

DXF FILE AVAILABLE

Allen-Bradley

SCALE: 1/4" = 1"

DATE SIZE: 3/06/06

APPROVED BY: VEM

DATE: 3/06/06

CATALOG NO: HPK-B1815E-MB44BA-ESM

PART NO: L18M5193

SHEET 1 OF 1