

1. MOTOR INFORMATION  
 MOTOR TYPE: VARIABLE SPEED AC  
 FRAME SIZE: RDL1613Y  
 RATING: 41.7 kW  
 VOLTAGE: 400

2. CONTINUOUS STALL TORQUE: 271 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 MULTI-TURN ABSOLUTE POSITION DATA

5. FOR ADDITIONAL SPECIFICATIONS SEE 10000000370

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 K6 FOR DIAMETERS UP TO 50MM AND m6 FOR DIAMETERS ABOVE.

8. MAX SHAFT TIR .06 [0.0021]

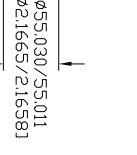
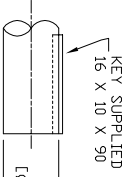
9. MOTOR WEIGHT 305 KG. [672 LBS] (MAY VARY 15%)

10. BRAKE: 400VAC 20 Nm MAX. HOLDING TORQUE, BRAKE RELEASES WHEN VOLTAGE APPLIED

LEAD	400 VOLTS
T1	L1
T2	L2
T3	L3
T4	L3
T5	L3
T6	L3
T7	L3
T8	L3
T9	L3

PIN	FUNCTION
A	SIN +
B	SIN -
C	COS +
D	COS -
E	DATA +
F	DATA -
G-M	-
N	+9 VDC
P	ODM
R	TS -
S	TS -
T-V	-

LEAD	200 VOLTS
T1	L1
T2	L1
T3	L1
T4	L1
T5	L1
T6	L1
T7	L1
T8	L1
T9	L1



NOTE ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

SUPPLIER PART NUMBER: L16MS293

VERSION/CHANGE NUMBER	TOLERANCES UNLESS OTHERWISE SPECIFIED	DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED	REFERENCES

HPK-E1613C-MG4AAA,ESM

**Rockwell Automation**

Allen-Bradley

DR. AMB DATE 09-19-06 SHEET 1 OF 1

DXF FILE AVAILABLE

10000000390