



SPECIFICATIONS:

1. MOTOR INFORMATION

MOTOR TYPE: VARIABLE SPEED AC
 FRAME SIZE: DL2010Y
 RATING: 75 KW
 VOLTAGE: 400
 ENCLOSURE: TOTALLY ENCLOSED IP54
 MOUNTING: FOOT
 COOLING: BLOWER COOLED IC416
 DRIVE METHOD: COUPLED OR BELTED
 ACCESSORIES: ENCODER

BLOWER CONNECTION	
STAR CONNECTION	
LEAD	400 VOLTS
U1	R
V1	S
W1	T
U2	
V2	
W2	
GRN/YEL	GROUND
DELTA CONNECTION	
LEAD	200 VOLTS
U1	R
W2	
V1	S
U2	
W1	T
V2	
GRN/YEL	GROUND

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

MOTOR CONNECTION TERMINAL BOX	
LEAD	SOURCE
U1	L1
V1	L2
W1	L3
GREEN	GROUND

- CONTINUOUS STALL TORQUE: 482 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 10000000103
- 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 m6 FOR DIAMETERS ABOVE.
- MAX SHAFT TIR .06 [0.002]
MAX FACE TIR .13 [0.005]
- MOTOR WEIGHT 531 KG. [1170 LBS] (MAY VARY 15%)

DRIVE END SHAFT DETAIL SPEC (9)

SUPPLIER PART NUMBER: L20M5253

NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

REFERENCES		DESCRIPTION	CAD DOCUMENT
VERSION/ CHANGE NUMBER	TOLERANCES UNLESS OTHERWISE SPECIFIED DO NOT SCALE DRAWING DIMENSIONS ARE IN MILLIMETERS WITH INCHES REFERENCED EX3 UNTOLERANCED DIMENSIONS ARE REFERENCED THIRD ANGLE PROJECTION	HPK-E2010C-MA42BA,ESM	
		Rockwell Automation	Allen-Bradley
		DR. SDR DATE 06-23-06	SHEET 1 OF 1
		DXF FILE AVAILABLE	DWG. SIZE B DOCUMENT NUMBER 10000000125