



SPECIFICATIONS:

1. MOTOR INFORMATION

- MOTOR TYPE: VARIABLE SPEED AC
- FRAME SIZE: DL 2010
- RATING: 75 KW
- VOLTAGE: 400
- ENCLOSURE: TOTALLY ENCLOSED IP54
- MOUNTING: F001
- COOLING: BLOWER COOLED IC416
- DRIVE METHOD: COUPLED OR BELTED
- ACCESSORIES: ENCODER & BRAKE
- 2. CONTINUOUS STALL TORQUE: 482 Nm
- MAX AT 155°C WINDING TEMPERATURE, IN A 40°C AMBIENT
- 3. OPERATING SPEED: 1500 BASE SPEED / 3000 RPM MAX
- 4. I024 SINUSOID/REV ENCODER, WITH SINGLE-TURN ABSOLUTE POSITION DATA
- 5. FOR ADDITIONAL SPECIFICATIONS SEE 1000000333
- 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 FDR DIAMETERS ABOVE.
- 8. MAX SHAFT TIR .06 L002J
- 9. MOTOR WEIGHT 565 KG. (1246 LBS) (MAY VARY 15%)
- 10. BRAKE: 400VAC 48 Nm MAX. HOLDING TORQUE, BRAKE RELEASES WHEN VOLTAGE APPLIED

BLOWER CONNECTION		SERIES	
LEAD	400 VOLTS		
11	L1		
12	L2		
13	L3		
14	L3		
15	L3		
16	L3		
17	L3		
18	L3		
19	L3		

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	V1	L2
W1	L3	W1	L3
GREEN	GROUND		

BRAKE CONNECTION	
460 V 1 PHASE	
LEAD SOURCE	
B1	L1
B2	L2

NOTE: ALL DRAWING MODIFICATIONS REQUIRE CUSTOMER APPROVAL

SUPPLIER PART NUMBER: L20MS264

REFERENCES

VERSION/CHANGE NUMBER	TOLERANCES UNLESS OTHERWISE SPECIFIED
	DO NOT SCALE DRAWING DIMENSIONS ARE IN INCHES REFERENCED TO UNITS UNLESS OTHERWISE SPECIFIED
	ANGLE PRODUCTION

DESCRIPTION: HPK-E2010C-SB44BA.ESM

CAD DOCUMENT



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

DXF FILE AVAILABLE

DWG. SIZE B 10000000333