

DRIVE END  
SHAFT DETAIL  
SPEC (9)

**SPECIFICATIONS:**

**1. MOTOR INFORMATION**

MOTOR TYPE: VARIABLE SPEED AC  
 FRAME SIZE: DL2010Y  
 RATING: 75 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: 482 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 SINGLE-TURN ABSOLUTE POSITION DATA**

**5. FOR ADDITIONAL SPECIFICATIONS SEE L20MS204ESE**

**6. SHAFT HEIGHT WILL NOT BE EXCEEDED SHIMS UP TO 0.5 MM IN THICKNESS USUALLY REQUIRED FOR COUPLED DR GEARED MACHINES.**

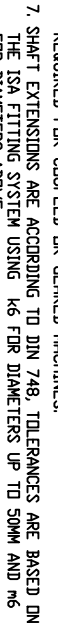
**7. SHAFT EXTENSIONS ARE ACCORDING TO DIN 748. TOLERANCES ARE BASED ON THE ISA FITTING SYSTEM USING K6 FOR DIAMETERS UP TO 50MM AND m6 FOR DIAMETERS ABOVE.**

**8. MAX SHAFT TIR .06 L00E23  
 MAX FACE TIR .13 L00S1**

**9. MOTOR WEIGHT 565 KG. (1246 LBS) (MAY VARY 15%)**

**10. BRAKE RELEASES WHEN VOLTAGE APPLIED**

**BLOWER CONNECTION**



**PIN-OUT ENCODER CONNECTOR**

LEAD	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	PHASE
U1	L1
V1	L2
W1	L3
GREEN GROUND	

**BRAKE CONNECTION**

LEAD	PHASE
B1	L1
L2	L2

DXF FILE AVAILABLE

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 UNLESS REFERENCED EXACT				
DIMENSIONS ARE REFERENCED TO THIRD ANGLE PROJECTION				
DRAWN BY GWS		DATE 3/06/06		APPROVED BY WEM
CATALOG NO. HPK-B2010C-SC44BA-ESM		PART NO. L20MS204		SHEET 1 OF 1



Allen-Bradley

SCALE 1 WA  
 DATE SIZE  
 1 OF 1