



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 OR BELTED
 ACCESSORIES: ENCODER & BRAKE

**2. CONTINUOUS STALL TORQUE: 360 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

5. FOR ADDITIONAL SPECIFICATIONS SEE L18M5183ESE

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 (L0021)
 MAX FACE TIR .13 (L0051)

MOTOR WEIGHT 497 KG (1096 LBS) (MAY VARY 15%)
 BRAKE RELEASES WHEN VOLTAGE APPLIED

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LEAD	460 VOLT	11	12	13	14	15	16	17	18	19
11	U1	11	12	13	14	15	16	17	18	19
12	U2	12	13	14	15	16	17	18	19	
13	U3	13	14	15	16	17	18	19		
14	U4	14	15	16	17	18	19			
15	U5	15	16	17	18	19				
16	U6	16	17	18	19					
17	U7	17	18	19						
18	U8	18	19							
19	U9	19								

LEAD	230 VOLT	11	12	13	14	15	16	17	18	19
11	U1	11	12	13	14	15	16	17	18	19
12	U2	12	13	14	15	16	17	18	19	
13	U3	13	14	15	16	17	18	19		
14	U4	14	15	16	17	18	19			
15	U5	15	16	17	18	19				
16	U6	16	17	18	19					
17	U7	17	18	19						
18	U8	18	19							
19	U9	19								

LEAD	460 V 1 PHASE	11	12	13	14	15	16	17	18	19
11	U1	11	12	13	14	15	16	17	18	19
12	U2	12	13	14	15	16	17	18	19	
13	U3	13	14	15	16	17	18	19		
14	U4	14	15	16	17	18	19			
15	U5	15	16	17	18	19				
16	U6	16	17	18	19					
17	U7	17	18	19						
18	U8	18	19							
19	U9	19								

LEAD	460 V 3 PHASE	11	12	13	14	15	16	17	18	19
11	U1	11	12	13	14	15	16	17	18	19
12	U2	12	13	14	15	16	17	18	19	
13	U3	13	14	15	16	17	18	19		
14	U4	14	15	16	17	18	19			
15	U5	15	16	17	18	19				
16	U6	16	17	18	19					
17	U7	17	18	19						
18	U8	18	19							
19	U9	19								

LEAD	460 V 3 PHASE	11	12	13	14	15	16	17	18	19
11	U1	11	12	13	14	15	16	17	18	19
12	U2	12	13	14	15	16	17	18	19	
13	U3	13	14	15	16	17	18	19		
14	U4	14	15	16	17	18	19			
15	U5	15	16	17	18	19				
16	U6	16	17	18	19					
17	U7	17	18	19						
18	U8	18	19							
19	U9	19								

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11	U1	11	12	13	14	15	16	17	18	19
12	U2	12	13	14	15	16	17	18	19	
13	U3	13	14	15	16	17	18	19		
14	U4	14	15	16	17	18	19			
15	U5	15	16	17	18	19				
16	U6	16	17	18	19					
17	U7	17	18	19						
18	U8	18	19							
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17	U7	17	18	19						
18	U8	18	19							
19	U9	19								

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

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DXF FILE AVAILABLE