MOTOR INFORMATION SHEET

DRIVEN EQUIPMENT DATA

Name BOOM CONVYOR MOTOR
ID(s) 00EAD01(2)AF100
Manufacturer DHHI
Driven Equip Max Brake Load N/A Horsepower (hp) or kW at Design Conditions 110kW

MOTOR DATA – ALL MOTORS (check choices)

☒ Horizontal ☐ Vertical ☒ Induction ☐ Synchronous
Manufacturer TECO Electric & Machinery Co.,Ltd.
Model AEEVJ3
Outline/Wiring/Connection Drawing Numbers TECO CHINA20170602039

Design Standard* IEC,GB Nameplate: Volts 380 Phase 3 Hz 50
For NEMA Motors - Nameplate hp Service Factor 1.0
Locked-Rotor Code Letter NEMA Design Letter
For IEC Motors - Nameplate kW 110
Max Continuous Voltage (rated frequency) Min Continuous Voltage (rated frequency)
Duty Type: ☒ Continuous ☐ Definite Time (minutes) S.F. 1.0 Full Load Speed (rpm)
Full Load Current at Rated hp or kW (amps) 200
Locked-Rotor Current (amps) ≤1300
NEMA or IEC Enclosure IP55,Totally Enclosed Frame Size 315SB
IEC Cooling (IC Code) IC411 IEC Mounting (IM Code) IM1001
Design Ambient Temperature (°C) -15~40 Insulation System Class F
Temp Rise by Resistance (at service factor load) for NEMA Motor (°C)
Space Heaters (SP) Furnished? ☒ Yes ☐ No Total SP Load: Watts Volts 220 Phase 1

Bearings: Type D.E. BEARING 6320C3, N.D.E. BEARING 6316C3
Lubrication Type Alvania RL3 Grease(SHEEL Oil Co.) System
ABMA L-10 Rating Life, Not Less than Hours
Connection: (check one) ☒ Direct ☐ Belt ☐ Chain
Overall Mean No-Load Sound Pressure Level, re micro-pascals (0.0002 microbar), Reference Distance of 3 Feet 93 Dba/1M Free Air
Total Motor Weight (lb) 960kg Is Motor Reversible? ☒ Yes ☐ No

Multi-Connectable Motors: (check choices)
☐ Part Winding ☐ Star-Delta ☐ Variable Torque ☐ Constant Torque
☐ Constant Horsepower ☐ PAM ☐ Two Winding ☐ One Winding
☐ Other

rpm		FL Amps		LR Amps		rpm		FL Amps		LR Amps	
rpm		FL Amps		LR Amps		rpm		FL Amps		LR Amps	

For Motors in Hazardous Locations: Motor Enclosure Maximum Surface Temperature (°C) N/A
Will Motor Contain a Surface Temperature Control Thermostat Requiring Connection into the Motor Starter Control Circuit? ☐ Yes ☒ No

Motor Full-Load Efficiency as Defined by NEMA MG-1-2006 Tables 12-10, 12-11, and 12-12: (check one)
☐ Normal Efficiency ☐ Energy Efficient ☐ Premium Efficiency
Full Load Nominal Efficiency Rating

*NEMA, IEC, etc.

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ADDITIONAL MOTOR DATA TO BE SUBMITTED

Motors 100 hp (75 kW) and Larger and for All Motors Rated Above 1000 Volts

Efficiency, Percent Guaranteed, Load: 1/2 93.8 3/4 94.5 4/4 94.5
Power Factor, Percent Guaranteed, Load: 1/2 82 3/4 87 4/4 88.5
Power Factor at Locked Rotor Current N/A

Minimum Starting Voltage in Percent of Rated Voltage: Calculated N/A Specified N/A

Accelerating Time:
At Rated Voltage (seconds) N/A
At Minimum Specified Starting Voltage (seconds) N/A

Locked-Rotor Safe Stalled Time (seconds):

	Rated Voltage	Minimum Specified Starting Voltage
Motor Initially at Maximum Specified Ambient Temperature (Cold)	N/A	N/A
Motor Initially at Service Factor Load Operating Temperature (Hot)	N/A	N/A

For All Motors Rated Above 1000 Volts

Current and Torque Versus Speed Curves at Maximum, Rated, and Minimum Specified Starting Voltage.
Drawing Number _____ (Attach curves.*)

Power Factor and Efficiency Versus Speed Curves at Rated Voltage.
Drawing Number _____ (Attach curves.*)

Current Versus Time Curves at Maximum, Rated, and Minimum Specified Starting Voltage.
Drawing Number _____ (Attach curves.*)

Locked-Rotor Thermal Limit Curves (current versus time), Curves in Both Cold and Hot Operating Conditions, and Stator Running Thermal Overload Curves at Rated Voltage.
Drawing Number _____ (Attach curves.*)

Torque in: (check one) ☐ lb-ft ☐ N-meter
Locked-Rotor Torque _____ Pull-up Torque _____ Breakdown Torque _____

Inertia in: (check one) ☐ lb-ft^2 ☐ GD^2
Motor Rated _____ Motor Rotor _____ Driven Equipment _____ Coupling _____

Temperature Alarms and Trips for Motors Equipped with Sensors:
Stator Winding RTD Alarm (°C) _____ Trip (°C) _____
Bearing Temperature Alarm (°C) _____ Trip (°C) _____

Motor Subtransient Reactance _____ Motor Open Circuit Time Constant _____
Short-Circuit Time Constant _____ Starting Power Factor _____

Number of Successive Starts:

	At Rated Voltage
Motor Initially at Maximum Specified Ambient Temperature (cold with driven equipment connected), number	N/A
Motor at Rated Temperature Rise Prior to Starting (hot with motor coupled), number	N/A
Cooling Period Required After Completion of the Preceding Maximum Number of Successive Starts Before Making Additional Starts, minutes	N/A
Motor Stopped Cooling Time Constant, minutes	N/A
Motor Running Cooling Time Constant, minutes	N/A

List of Drawings and Specifications:

Lubrication Oils and Greases, drawings N/A
External Fluid Circuits for Bearing Cooling, drawings N/A
External Fluid Circuits for Stator Cooling, drawings N/A

*Submit tabulated data with curves for high inertia loads.