|  |  |  |
| --- | --- | --- |
| Project: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | Manufacturer.: |
| Region: | | Model No.: |
| Service: | | Number of Units: |
| Equip. Tag Number(s)\*: | | Rev/Date/By: // |
| **GENERAL REQUIREMENTS** | | |
| Equipment Capacity: kg (\_\_\_tons) | Factory Testing: | Power Supply: |
| Method of Control: | Required Not Required | Voltage |
| Location of Control: | Field Testing: Not required | Phase |
| Equipment Location: | Required, functional and | Frequency |
| Indoors Outdoors | Performance |  |
| **BRIDGE** | **TROLLEY** | **HOIST** |
| Type: | Type: | Type: |
| Single Girder Double Girder | Top Running Underhung | Electric, Wire Rope |
| Top Running Underhung |  | Hand Operated, Chain |
| Service Class (ANSI): | Service Class (ANSI): | Service Class (ANSI): |
| A (standby) B (light) | A (standby) B (light) | H1 (standby) H2 (light) |
| C (moderate) D (heavy) | C (moderate) D (heavy) | H3 (standard H4 (heavy) |
| E (severe) F (continuous) | E (severe) F (continuous) | H5 (severe) |
| Speed cm per minute (fpm): | Speed cm per minute (fpm): | Speed cm per minute (fpm):  to |
| Constant Speed | Constant Speed | Constant Speed Two Speed |
| Variable Speed Hand Operated | Variable Speed Hand Operated | Variable Speed |
| Motor kW (hp): | Motor kW (hp): | Motor kW (hp): |
| Main Runway Electric Conductors: | Electric Conductors: | Hook: See Crane Dimension Sheet |
| Bus Bar Festoon | Bus Bar Festoon | Hook Manufacturer: |
| Bridge Drive System (CMAA): | Cable Reel |  |
| A1 A2 A3 |  |  |
| A4 A5 A6 |  |  |
| **SPECIAL REQUIREMENTS** | | |
| Accessories: | Remote Controls: | Special Electrical Requirements: |
| Service Platform | Infrared, line-of-sight |  |
| Central Lubrication System | Frequency Modulated (FM) |  |
| OHSA Operating and Safety | Manufacturer: |  |
| Devices | Extended Grease Fittings |  |
| See Crane Data Sheet – Overhead Traveling Cranes for clearances, lift distances, and details. | | |

\* Equipment Tag Number shall conform to the Region’s Tagging Standard. Refer to Section 21 – Development and Maintenance of Asset Inventory and Tagging.

*[DESIGN NOTE: Consultant to modify to chosen type of crane remote control above in the “Special Requirements” section (radio or pendant hard-wired)]*

Project:

Region:

![](data:application/x-msmetafile;base64,)

1

Equip. Tag No.\*:

|  |  |  |
| --- | --- | --- |
| A: | E: | K: |
| B: | F: | L: |
| C: | H: | M: |
| D: | J: | P: |
|  |  |  |

|  |  |
| --- | --- |
| Project: | |
| Region: | |
| Equipment Name: | |
| Equipment Tag Number(s)\*: ) | |
| Type: Squirrel-cage induction meeting requirements of NEMA MG 1-2014 | |
| Manufacturer: For multiple units of the same type of equipment, furnish motors and accessories of a single manufacturer | |
| Hazardous Location:  Furnish motors for hazardous (classified) locations that conform to UL 674 and have an applied ULC listing mark | |
| Motor Horsepower: | Guaranteed Minimum Efficiency at Full Load:  percent |
| Voltage: | Guaranteed Minimum Power Factor at Full Load:  percent |
| Phase: | Service Factor (@ rated max. amb. temp.):  1.0  1.15 |
| Frequency: | Enclosure Type: |
| Synchronous Speed: rpm | Mounting Type:  Horizontal  Vertical |
| Multispeed, Two-Speed: | Vertical Shaft:  Solid  Hollow |
| /  rpm | Vertical Thrust Capacity (lb): Up  Down |
| Constant kW (Horsepower) | Adjustable Speed Drive: |
| Variable Torque | ADJUSTABLE FREQUENCY DRIVE SYSTEMS. |
| Constant Torque | Operating Speed Range:  to % of Rated Speed |
| Winding:  One  Two | Thermal Protection: |
|  | Space Heater:  volts, single phase |
|  | Oversize main terminal (conduit) box for motors |
|  | Terminal for connection of equipment grounding wire in each  terminal box |
| Additional Motor Requirements:  See Section 16220 – Motors 1 to 200 kW575 V | |
| Special Features: | |
|  | |
|  | |

\* Equipment Tag Number shall conform to the Region’s Tagging Standard. Refer to Section 21 – Development and Maintenance of Asset Inventory and Tagging.