

HOIST/TROLLEY INQUIRY SHEET



PRODUCT: WIRE ROPE HOIST HOIST TROLLEY TROLLEY TRACTOR
QUANTITY : _____ **RATED CAPACITY:** _____ TONS
POWER VOLTAGE: _____ **ENVIRONMENT:** INDOOR OUTDOOR **AMB TEMP:** _____ F

HOIST INFORMATION

LIFT Required _____ FEET
 HEADROOM Required _____ INCHES
 REEVING REQUIRED : SINGLE DOUBLE/TVL
 END APPROACH Required: _____ INCHES
 TWIN HOOK HOOK CENTERS _____ FT/INCHES
 APPROX. HOIST SPEED _____ FPM

TYPE of CONTROLS:

SINGLE SPEED TWO SPEED by VFD
 NO CONTROLS

TROLLEY INFORMATION

TYPE OF SUSPENSION:

MOTORIZED TROLLEY PLAIN TROLLEY LUG/CEILING
 MOUNTLUG/BASE MOUNT
 BEAM TYPE _____
 FLANGE SIZE _____ MIN. RADIUS OF CURVES _____ FT
 LENGTH OF BRIDGE/MONORAIL _____ FT
 APPROX. TROLLEY SPEED _____ FPM

TYPE OF CONTROLS:

SINGLE SPEED SOFT START TWO SPEED by VFD
 NO CONTROLS

COMMON OPTIONS:

GEAR TYPE LS TROLLEY LS OVERLOAD DEVICE TROLLEY BRAKE WIRED PENDANT RADIO
 OTHER _____

PERFORMANCE REQUIREMENT

AVERAGE LIFT _____ LB per _____ FT
 NUMBER OF LIFTS/HOUR/DAY _____
 AVERAGE TROLLEY MOVEMENT _____ FT
 NUMBER OF TROLLEY MOVEMENTS _____ /HOUR _____ /DAY
 WORK PERIOD HOURS/DAY _____
 HOIST DUTY SERVICE CLASSIFICATION **H** _____

Furnish Complete Information regarding any abnormal conditions (Environment/Duty/Load Handling):

HOIST DUTY SERVICE CLASSIFICATIONS

H1 (STANDBY OR INFREQUENT SERVICE)

Powerhouse and utilities, infrequent handling. Hoists used primarily to install and service heavy equipment, where loads frequently approach rated load, and where the hoist is idle for 1- to 6-month periods of operation.

H2 (LIGHT SERVICE)

Light machine shop, fabricating service, and maintenance. Loads and utilization randomly distributed. Rated loads infrequently handled. Total running time not more than 12.5% of the work period.

H3 (MODERATE SERVICE)

General machine shop, fabricating service, assembly, storage, and warehousing. Loads and utilization randomly distributed. Total running time not more than 25% of the work period.

H4 (HEAVY SERVICE)

High-volume handling of heavy loads, frequently near rated load in steel warehousing, machine and fabricating shops, mills and foundries, with total running time not more than 50% of the work period. Manual or automatic cycling operations of lighter loads with rated loads infrequently handled such as in heat treating and plating operations, with total running time frequently 50% of the work period.

H5 (SEVERE SERVICE)

Bulk handling of material in combination with buckets, magnets, or other heavy attachments. Equipment often cab operated. Duty cycles approaching continuous operation are frequently necessary. User must specify exact details of operation, including weight of attachments.