

General

- ❑ Service life of the trolley depends on the way in which it is installed.
- ❑ Any use contrary to our instructions may be dangerous.
- ❑ Before operating the equipment, read and follow the Installation, Operation and Maintenance Instruction manual.
- ❑ Always keep the Instruction manual close to the equipment, readily available to operator and person responsible for maintenance.
- ❑ Make sure that personnel safety rules are followed (harness, clearance of work area, posting of instructions to be followed in the work area, etc.).
- ❑ The crown tread profile of trolley wheel is compatible to flange profiles such as S or WF beam.
- ❑ Couple or hook on the hoist after installation of the trolley to the monorail or beam.

CAUTION

Check the width of beam flange and adjust the spacing of the flanges of the trolley as indicated in tables.

Before installing make sure:

- ❑ Beam is secured as appropriate.
- ❑ Beam is suitable to the loads to be supported.
- ❑ Dimensions of beam flange are compatible with the trolley, which is to be installed.
- ❑ Power supply voltage is same as that shown on nameplate of TDU.

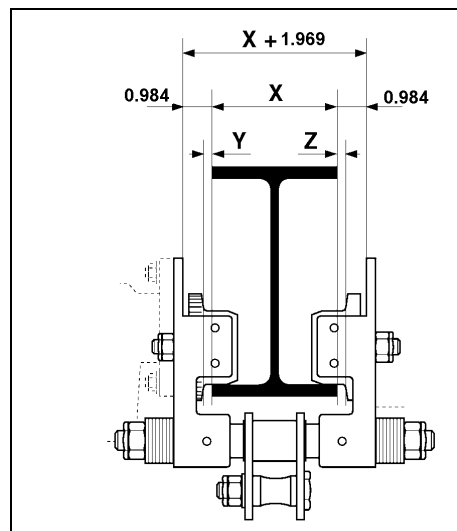
Installation of Trolley

Method 1

1. Remove the side plate on the counterweight side
2. Position the trolley on the beam
3. Reinstall side plate.
4. Check that all nuts are correctly tightened.
5. Connect the electrical cable to the trolley.
6. Grease the teeth of the drive pinion and the drive wheels.

Method 2

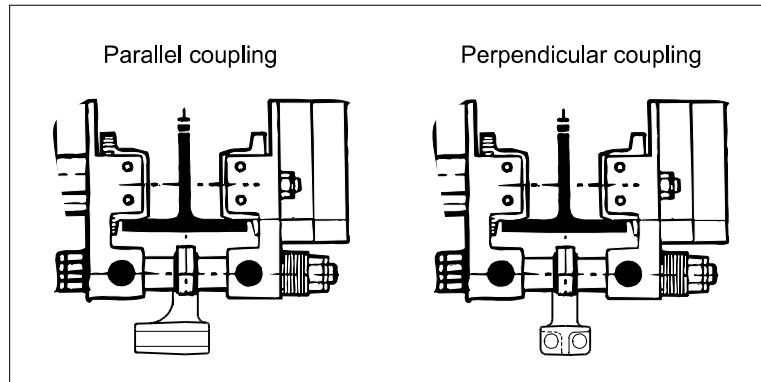
1. Install the trolley as a complete assembly onto the beam from the end.
2. Install the trolley end stops at each beam end.
3. Check that all the nuts on the trolley are properly tightened.
4. Connect the electrical cable to the trolley.
5. Grease the teeth of the drive pinion and the drive wheels.



$$Y + Z = 5/32" [4mm] \text{ MAX}$$

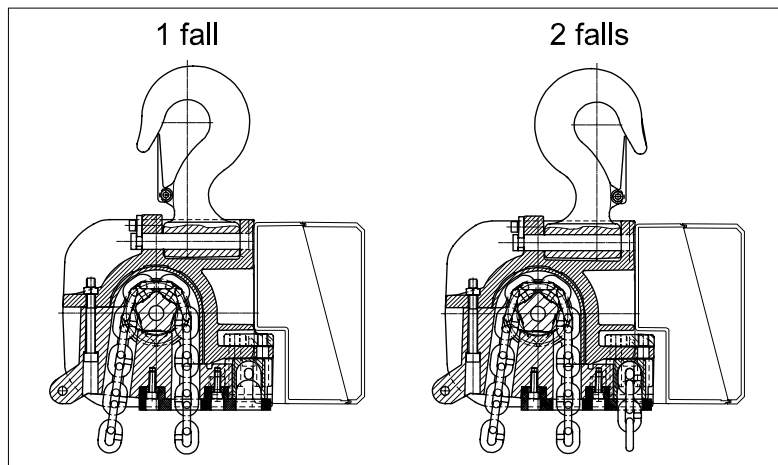
The total play between wheel flange and the beam flange must not exceed 5/32" [4mm]. The distance between trolley side plates must be equal to the sum of the beam flange width + 1 15/16" [50mm].

Coupling Suspension



When setting the hoist in position, check that the suspension hook or coupling is correctly positioned, depending on whether the chain hoist is a one-fall or two-fall design. This is necessary for proper balance of hoist when loaded.

Hook Suspension



Trolley Power Connection

Plug the trolley cable into the designated plug receptacle on the hoist electrical enclosure.

PS: Power supply cable entry

PB: Push button plug

