



OVERHEAD HOIST BRAKE SELECTION WORKSHEET

FOLLOWING IS THE INFORMATION REQUIRED TO PROPERLY SIZE A BRAKE FOR A OVERHEAD HOIST APPLICATION:

HOIST FUNCTION:

- MAXIMIM SUSPENDED LOAD _____
- CABLE DRUM DIAMETER _____
- ROPE DIAMETER _____
- MAXIMUM CABLE DRUM SPEED _____
- CABLE WEIGHT _____
- MAX. CABLE LENGTH _____
- NET REDUCTION _____
- DRIVE MOTOR HP _____
- DRIVE MOTOR RPM _____
- MOTOR STALL TORQUE _____
- BRAKE SHAFT DIAMETER _____
- HOIST CABLE FREE OR FIXED?

TRAVEL FUNCTION:

- TOTAL WEIGHT OF CRANE _____
- TRAVEL WHEEL DIAMETER _____
- MAXIMUM LINEAR SPEED _____
- NET REDUCTION _____
- DRIVE MOTOR HP _____
- DRIVE MOTOR RPM _____
- MOTOR STALL TORQUE _____

Complete and return to Airflex application engineering (216)281-3890.