MRL System

GAL HW MRL SYSTEM

DESIGN ELEMENTS
- MOTOR: PMAC Gearless Machine supported by beams in the overhead
- CONTROLLER: Standard GALaxy gearless traction design
- CAR SAFETY: Instantaneous or Flexible Guide Clamp
- CAR SLING / PLATFORM: Traditional 2:1 traction design
- COUNTERWEIGHT FRAME: Traditional traction design
- DOOR EQUIPMENT: Standard traction elevator design
- GOVERNOR: Standard Governor, remote electrical reset/trip available; located in the overhead
- ROPES: Standard core traction steel hoist rope or high-strength IWRC rope
- PIT BUFFERS: Standard traction elevator design
- RAIL BRACKETS: Standard traction elevator design

GAL SIGNAL FIXTURES

DESIGN PARAMETERS
- A17.1 Compliant
- Simplex Up to B Car groups
- Max. Recommended Travel = 200 feet (20 stops)
- Speed = up to 500 FPM
- Capacity = 5,000 lbs
- Roping 2:1
- The PMAC Machine has dual, independently operated disc brakes, each of which can meet the ASME safety code requirements for unintended motion and ascending car over speed protection
- Refer to our “Machine-Room-Less Design Guide” booklet for typical layout design arrangements

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