# Tower/Derrick Hoist Blocks

M-491

G-491

- New design provides the dependability of standard McKissick® Snatch Blocks, along with features that make it perfect for the challenging needs of Tugger Hoist and Tower Erection applications.
- Fully recessed sideplate design eliminates gap between sheave rim and sideplate, providing failsafe capture of the sheave in the case of center pin overloading.
- Sealed tapered roller bearings extend the life of the center pin and bearings, and allows for faster line speeds than recommended with standard snatch blocks.
- Holes through side plates are available for secondary block securement device.
- Suitable for hoisting personnel, contingent upon all employees, including the winch operator, being trained to follow applicable Federal, local and industry standards.
  - Tugger/Derrick applications: API RP54
  - Tower applications: OSHA directive CPL 2-1.36
- All sizes are furnished with dual rated wireline sheaves.
- Forged steel swivels, tees, yokes and shackles are Quenched & Tempered.
- Sheave lubrication through center pin for easy maintenance.
- All blocks 356mm and larger are furnished with McKissick® Roll Forged sheaves with flame hardened grooves.
- Shackle fitting swivels for easy positioning.
- Manufactured by an API Q1 Certified facility.
- ABS Type Approval and Certification under 2019 Guide for Certification of Lifting Appliances and 2019 Guide for Classification of Drilling Systems.

APPLICATION AND WARNING INFORMATION
SECTION 17

## M-491 / G-491 Tower/Derrick Hoist Blocks

| Working Load Limit (t) 4:1 Design Factor | Working Load Limit (t) 5:1 Design Factor | Working Load Limit (t) 10:1 Design Factor (Personnel Lifting) | Maximum Allowable Proof Load (t) | Sheave Diameter (mm) | Wire Rope Diameter (mm) | M-491 Stock No. Painted | G-491 Stock No. Galvanized | Weight Each (kg) |
|---|---|---|---|---|---|---|---|---|
| 3 | 2.4 | 1.2 | 6 | 152 | 10 - 13 | 2020129 | - | 12 |
| 4 | 3.2 | 1.6 | 8 | 203 | 10 - 13 | 2020161 | 2020170 | 16 |
| 8 | 6.4 | 3.2 | 16 | 254 | 10 - 13 | 2020806 | 2020815 | 25 |
| 8 | 6.4 | 3.2 | 16 | 254 | 13 - 14 | 2020824 | 2020833 | 25 |
| 12 | 9.6 | 4.8 | 24 | 254 | 13 - 14 | 2021118 | 2021127 | 25 |
| 12 | 9.6 | 4.8 | 24 | 356 | 13 - 16 | 2021136 | 2021145 | 43 |
| 12 | 9.6 | 4.8 | 24 | 356 | 16 - 19 | 2021154 | 2021163 | 43 |
| 15 | 12 | 6.0 | 30 | 406 | 19 - 22 | 2021172 | 2021181 | 68 |
| 15 | 12 | 6.0 | 30 | 406 | 22 - 26 | 2021190 | 2021199 | 48 |
| 25 | 20 | 10 | 50 | 457 | 26 - 29 | 2032312 | 2032315 | 118 |
| 30 | 24 | 12 | 60 | 508 | 29 - 32 | 2032321 | 2032324 | 306 |

4:1 Design Factor.