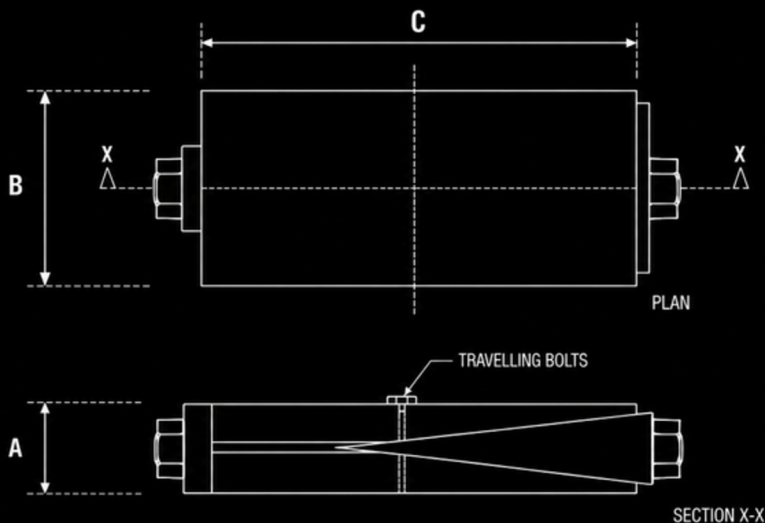


# HRJ20-20 MECHANICAL HARJAK DATASHEET

## TECHNICAL DIMENSIONS



- A CLOSED HEIGHT
- B OUTSIDE DIAMETER
- C LENGTH (MAIN BLOCK)

NOTE 1: REMOVE TRAVELLING BOLTS BEFORE INSTALLATION AND JACKING  
NOTE 2: THIS DRAWING IS INDICATIVE ONLY AND NOT TO SCALE

ALL DIMENSIONS ARE IN MILLIMETRES (mm)

| KEY | DESCRIPTION         |
|-----|---------------------|
| A   | CLOSED HEIGHT       |
| B   | OUTSIDE DIAMETER    |
| C   | LENGTH (MAIN BLOCK) |

### KEY FEATURES

- ✓ Compact Low-Profile Design (40mm)
- ✓ No Hydraulics Required
- ✓ Hardened Alloy Steel Construction
- ✓ Folding Wedge Mechanism
- ✓ Simple Torque Wrench Operation

### APPLICATIONS

- Bridge Bearing Preloading
- Permanent Load Transfer
- Steelwork Pre-loading & Deflection
- Temporary Propping & Strutting
- Settlement Compensation

**HYDRA-CAPSULE**

## SPECIFICATIONS

**Model: HWJ20-20**

|                      |                            |
|----------------------|----------------------------|
| Maximum Capacity     | 200 kN                     |
| Maximum Stroke       | 20 mm                      |
| Closed Height (A)    | 50 mm                      |
| Jack Weight          | 4.50 Kgs                   |
| Outside Body (C + B) | 135 x 100 mm               |
| Type / Model         | Mechanical Wedge (HWJ)     |
| Operation            | Manual Torque Wrench       |
| Function             | Preloading & Load Transfer |
| Max Torque           | 320 Nm (estimated)         |

## TORQUE / LOAD TABLE

| Torque (Nm) | Load (t) | Load (kN) | %    |
|-------------|----------|-----------|------|
| 80          | 5.00     | 50.0      | 25%  |
| 160         | 10.00    | 100.0     | 50%  |
| 240         | 15.00    | 150.0     | 75%  |
| 320         | 20.00    | 200.0     | 100% |

## STANDARD SELECTION

