



HST7 OPTIONAL UNSYMMETRICAL PORTAL FRAME HST7c



Year 3
study

Features

- Welded Unsymmetrical Portal
- Roller Bearings
- Knife Edge

Description

Unsymmetrical portal frame with roller bearing and knife-edge. Rigid steel frame made from 25 x 8 mm

Related laws

- Castiglianos' Theorem.
- Clerk Maxwell's Theorem.
- Simpsons Rule.
- Horizontal Thrust
- Side Sway.
- Unit Load Method.
- Bending Moment Diagrams (BMD).

Learning capabilities

- Horizontal Deflection, Sidesway and Thrust at different points on Portal using HST7

Technical Specification

- Portal: 600mm (L) x 120mm (W) x 400 & 800mm (H)
- Steel Portal Frame material: 25mm (W) x 8mm (t)

Essential Ancillaries

- HST7

Recommended Ancillaries

- HST7a
- HST7d
- HST7e
- HST7g

What's in the Box?

- 1 x Unsymmetrical Portal

You might also like

- HST8
- HST12

Weights & Dimensions

- Weight: 3 kg
- Length: 800mm
- Width: 120mm
- Height: 800mm

Essential Services

- HST7

Operational Conditions

- Storage temperature: -10°C to +70°C
- Operating temperature range: +10°C to +50°C
- Operating relative humidity range: 0 to 95%, non condensing

Ordering information

To order this product, please call PA Hilton quoting the following code:

HST7c

All brand and/or product names are trademarks of their respective owners. Specifications and external appearance are subject to change without notice. The colour of the actual product may vary from the colour shown in the brochure.

Copyright © 2018 P.A. Hilton Limited. All rights reserved. This technical leaflet, its contents and/or layout may not be modified and/or adapted, copied in part or in whole and/or incorporated into other works without the prior written permission of P. A. Hilton Limited. Hi-Tech Education is a registered trade mark of P. A. Hilton Limited.

COUNTRY OF ORIGIN - UK WARRANTY PERIOD - 5 YEARS