



TECHNICAL SPECIFICATION DATASHEET

Specification for products: DC Boom Barrier (12 - Refer Main Catalog)

Product Codes: HOM - DC BB 01 (Refer Main Catalog)

Technical Data:

1. Cabinet Material - Zinc Coated CRCA Steel
2. Cabinet Size - 200W x 375L x 1050H (in mm)
3. Surface Treatment - Color coating & galvanization treatment
4. Color - Black (Check stock, before buying)
5. Boom Material - Aluminium Rectangular Profile
6. Boom Supports - Yes, one support
7. Boom Arm Size - 100 x 50 mm
8. Boom Arm Length - Max 6 mtr
9. LED Indicator - Red/Green/Yellow (Optional)
10. Blocking Height - 900 mm
11. Driving Mechanism - Electro-mechanical
12. Controller - 8051 based AT brain, microprocessor control panel
13. Safety Feature - Photocell Sensor, Loop Detector
14. Rising/Lowering Time - 6 seconds (standard)
15. Motor - 24 V DC, 700RPM, ¼ HP, DUPONT Insulated
Check more details given in adjacent box
16. Operation Voltage - 220V AC
17. Control Options - Remote, Push-Button, RFID, ANPR
18. Audio/Visual Signalling (Optional) - Flashing Light, Traffic Light System
19. Manual Operation - Manual hand crank in case of power failure

All specs can be customized as per user requirements.

Specifications may change without prior notice due to continuous development of systems.



Additional details for the main driving motor (100% Indian origin):

- Driving Main Motor - Permanent Magnet Brushed DC (Reversible Type)
- Motor Winding Type - Rotor armature based winding
- Motor Winding Material - Dual coated copper wire
- Motor insulation Class - H-class
- Motor Insulation Type - DUPONT
- Barrier Positioning Method - Precisely controlled through infrared limit beam sensors diodes
- Motor Frame - Cast Alloy Metal
- Motor Voltage - 12-15-24 Volt DC
- Motor Current - Low current consumption for improved life cycle - 4.2 Amps
- Motor speed shaft rotation - 700 RPM @ 24VDC
- Motor Torque - 8 Kgcm - Powerful torque ideal for smooth operation of barriers