

## SPECIFICATIONS

### ENGINE

Model.....Kubota V2203  
 Type.....Water-cooled, 4 cycle, 4 cylinder swirl chamber type diesel engine  
 Rated flywheel power.....36 PS @ 2100 rpm  
 Maximum torque.....125.5 Nm (12.8 kgf/m) @ 1700 min<sup>-1</sup> (rpm)  
 Piston displacement.....2.179 l  
 Bore and stroke.....87 mm X 92.4 mm  
 Battery.....1 X 12 V, 52 Ah

### HYDRAULIC SYSTEM

The Optimum Hydraulic System (OHS) uses three pumps for job efficiency and smooth combined operations.

Main pumps.....Two variable displacement axial piston pumps  
 Max. oil flow.....2 X 42.0 l/min  
 Third pump.....One gear pump  
 Max. oil flow.....1 X 33.6 l/min  
 Pilot pump.....One gear pump  
 Max. oil flow.....1 X 9.5 l/min

### HYDRAULIC CYLINDER

High-strength piston rods and tubes. Cylinder cushion mechanisms provided in boom raise, arm crowd and dump circuits to absorb shocks at stroke ends.

### RELIEF VALVE SETTING

Implement circuit.....250 kgf/cm<sup>2</sup> (24.5 MPa)  
 Swing circuit.....250 kgf/cm<sup>2</sup> (24.5 MPa)  
 Travel circuit.....250 kgf/cm<sup>2</sup> (24.5 MPa)  
 Pilot circuit.....250 kgf/cm<sup>2</sup> (24.5 MPa)

### UNDERCARRIAGE

#### TRACKS

Tractor-type undercarriage. Welded track frame using carefully selected materials. Side frame welded to track frame.

#### NUMBERS OF ROLLERS ON EACH SIDE

Upper roller.....1  
 Lower rollers.....4

#### TRACTION DEVICE

Each track driven by a high-torque, 2-speed axial piston motor through planetary reduction gear, allowing counter-rotation of the tracks.

Travel speeds.....High : 0-4.1 km/h  
 Low : 0-2.3 km/h  
 Gradeability.....30° (58% continuous)

### SWING MECHANISM

High-torque, axial piston motor with planetary reduction gear. Swing circle is single-row, shear-type ball bearing with induction hardened internal gear. Internal gear and pinion are immersed in lubricant. Swing parking brake is spring-set/hydraulic-released disc type. Seing shockless valve built in swing motor absorbs shocks when stopping swing, ensuring smooth stops.

Swing speed.....9.3 rpm

### CONTROLS

Hydraulic pilot control levers for all operations.

### REFILL CAPACITIES

Fuel tank.....55 ltr  
 Engine coolant.....5.3 ltr  
 Engine oil.....9 ltr  
 Travel final device (each side).....0.5 ltr  
 Hydraulic tank.....50 ltr  
 Hydraulic system.....84 ltr

The Specifications are subject to change without prior notice. The Machine depicted may vary from the actual Machine. Please contact our nearest office for latest specifications. Accessories shown here are not part of the standard equipment. Performance of the machine may vary with site and operating conditions encountered.

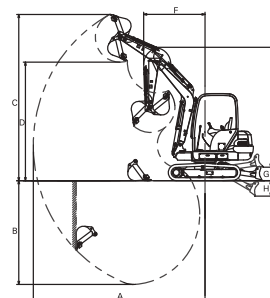
**Tata Hitachi Construction Machinery Company Limited**

Registered Office : Jubilee Building 45 Museum Road Bangalore 560 025 India  
 Telephone: +91 80 66953301 02 03 04 05 Fax: +91 80 66953309 25325792

Toll Free: 1800 3456 500

### WORKING RANGES

Note : The illustration shows the canopy version equipped with 2800 mm boom, 1500 mm arm and 400 mm metallic track shoes.



|      |  | Unit : mm |
|------|--|-----------|
| Boom |  | 2880      |
| Arm  |  | 1500      |
| A    | Maximum digging reach                              | 5920      |
| B    | Maximum digging depth                              | 3570      |
| C    | Maximum cutting height                             | 5820      |
| D    | Maximum dumping height                             | 4150      |
| E    | Transport height                                   | 4440      |
| F    | Minimum swing radius                               | 2040      |
| G    | Blade bottom highest position (above ground level) | 430       |
| H    | Blade bottom lowest position (below ground level)  | 460       |

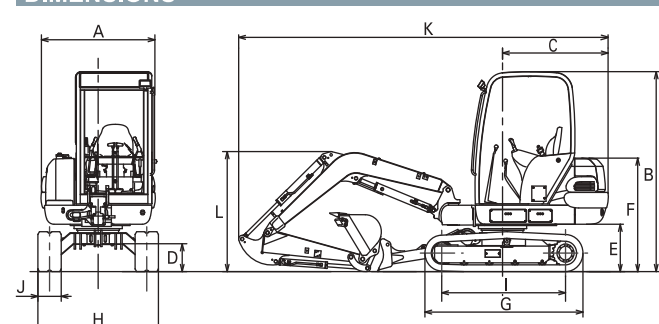
### BUCKETS

| Capacity m <sup>3</sup> | Width                     |                        | No. of teeth | Weight (kg) | Type |
|-------------------------|---------------------------|------------------------|--------------|-------------|------|
|                         | Without side cutters (mm) | With side cutters (mm) |              |             |      |
| 0.16                    | 632                       | 675                    | 4            | 136         | HD   |
| 0.18                    | 687                       | 730                    | 4            | 135         | GP   |

### DIGGING FORCES

Bucket digging force.....2400 kgf  
 Arm crowd force.....3800 kgf

### DIMENSIONS



Note : The illustration shows the canopy version equipped with 400 mm shoes.

|   |                                 | Unit : mm |
|---|---------------------------------|-----------|
| A | Overall width                   | 1690      |
| B | Canopy height                   | 2590      |
| C | Rear-end swing radius           | 1450      |
| D | Minimum ground clearance        | 335       |
| E | Counterweight clearance         | 640       |
| F | Engine cover height             | 1540      |
| G | undercarriage length            | 2450      |
| H | Undercarriage width             | 1850      |
| I | Sprocket centre to idler centre | 1960      |
| J | Track shoe width                | 400       |
| K | Maximum transport length        | 5590      |
| L | Overall height of boom          | 1730      |

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THCM/HSY/Z260/2P/E/FEB/2015/2010/016

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### COMPACT EXCAVATOR

Engine Power : 26.5 kW (35.5 HP)  
 Operating Weight : Max. 4810 kg  
 Bucket Capacity  
 for GP Application : 0.18 m<sup>3</sup>  
 for HD Application : 0.16 m<sup>3</sup>