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**Specification sheet for Disc plough**

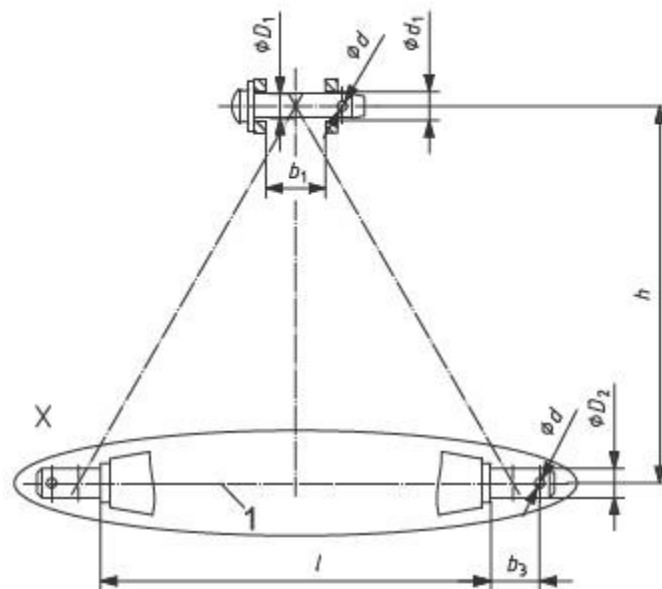
|           |                                    |   |   |  |
|-----------|------------------------------------|---|---|--|
| <b>1</b>  | <b>General</b>                     |   |   |  |
|           | Name and address of manufacturer   | : |   |  |
|           | Name and address of applicant      | : |   |  |
|           | Name of machine                    | : |   |  |
|           | Type                               | : |   |  |
|           | Make                               | : |   |  |
|           | Model                              | : |   |  |
|           | Serial No                          | : |   |  |
|           | Size of plough, mm                 | : |   |  |
|           | Year of Manufacture                | : |   |  |
| <b>2</b>  | <b>Recommended Source of Power</b> |   | : |  |
|           | Power source in range, kW          | : |   |  |
| <b>3</b>  | <b>Frame</b>                       |   |   |  |
| <b>i)</b> | Constructional details             | : |   |  |

|            |   |   |  |
|------------|---|---|--|
| <b>ii)</b> | Fitting of standard                                   | : |  |
| <b>4</b>   | <b>Standard</b>                                       |   |  |
|            | Numbers   | : |  |
|            | Material  | : |  |
|            | Size, mm  |   |  |
|            | Total length  | : |  |
|            | Cross section   | : |  |
|            | Height  | : |  |
|            | For fixing to main frame chassis                      | : |  |
|            | Method of fixing                                      | : |  |
| <b>5</b>   | <b>Disc flange</b>                                    |   |  |
|            | Numbers   | : |  |
|            | Material  | : |  |
|            | Number and type of bearing on each flange             | : |  |
|            | Provision for lubrication                             | : |  |
|            | Number of holes on each flange for attaching disc, mm | : |  |
|            | No.   | : |  |
|            | Diameter  | : |  |
| <b>6</b>   | <b>Disc</b>   |   |  |
|            | Numbers   | : |  |
|            | Types   | : |  |
|            | Material  | : |  |
|            | Trade mark  | : |  |
|            | Nominal size, mm                                      | : |  |

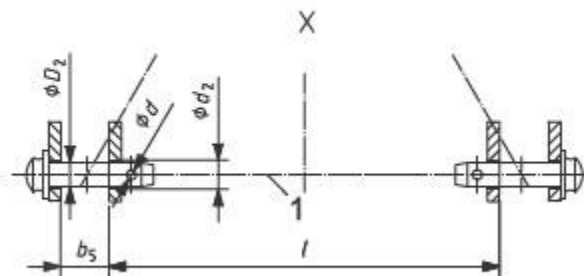
|          |  |   |  |
|----------|--|---|--|
|          | Overall thickness, mm  | : |  |
|          | Disc angle, degree   | : |  |
|          | Tilt angle, degree   | : |  |
|          | Provision for width of cut adjustment                            | : |  |
|          | No. of fixing holes on each disc                                 |   |  |
|          | Size of centre hole, mm  |   |  |
|          | Size of fixing holes (on top round followed by square shape), mm | : |  |
|          | Method of fixing   | : |  |
| <b>7</b> | <b>Furrow wheel</b>  |   |  |
|          | Number   | : |  |
|          | Location   | : |  |
|          | Trade mark   | : |  |
|          | Method of fixing of furrow wheel                                 | : |  |
|          | Thickness at bevelled edge, mm                                   | : |  |
|          | Width of bevelled edge, mm                                       | : |  |
|          | Beveled angle, degree  | : |  |
|          | Dimensions of axle shaft, mm                                     |   |  |
|          | Diameter   | : |  |
|          | Length   | : |  |
|          | Number and type of bearing                                       | : |  |
|          | Bearing No.  | : |  |
|          | Number of spring   | : |  |
|          | No of coils  | : |  |
|          | Dia. of spring   | : |  |
|          | Length of spring, mm   | : |  |

|          |  |                                   |  |                            |
|----------|--|-----------------------------------|--|----------------------------|
|          |  |                                   |  |                            |
| <b>8</b> | <b>Scraper</b>                         |                                   |  |                            |
|          | Shape                                  | :                                 |  |                            |
|          | Size (L x B x T), mm                   | :                                 |  |                            |
|          | Material of construction               | :                                 |  |                            |
|          | Method of fixing                       | :                                 |  |                            |
| <b>9</b> | <b>Implement hitch point as per IS</b> |                                   |  |                            |
|          | Type                                   | :                                 |  |                            |
|          | Shape                                  | :                                 |  |                            |
|          | Material of construction               | :                                 |  |                            |
|          | Constructional details                 | :                                 |  |                            |
|          | <b>Sr. No.</b>                         | <b>Notations</b>                  | <b>As per IS:<br/>17231-2019<br/>(1N, 1, /2N, 2),<br/>mm</b> | <b>As measured,<br/>mm</b> |
|          | <b>I</b>                               | <b>Upper hitch point</b>          |  |                            |
|          | D <sub>1</sub>                         | Diameter of hitch pin             | 19 (0-0.08)/<br>25.5 (0-0.13)                                |                            |
|          | b <sub>1</sub>                         | Width between inner faces of yoke | 52 (Min.)  |                            |
|          | <b>II</b>                              | <b>Lower hitch points</b>         |  |                            |
|          | D <sub>2</sub>                         | Diameter of hitch pin             | 22 (0-0.2)/<br>28 (0-0.2)                                    |                            |
|          | b <sub>3</sub>                         | Linch pin hole distance           | 49 (Min.)  |                            |
|          | b <sub>5</sub>                         | Clevis width                      | 65+20  |                            |
|          | l                                      | Lower hitch point span            | 400±1.5,<br>683±1.5,<br>683±1.5,<br>825±1.5                  |                            |
|          | <b>III</b>                             | <b>Other dimensions</b>           |  |                            |

|   |                             |  |  |  |
|---|-----------------------------|--|--|--|
| d | Diameter for linch pin hole |  |  |  |
|   | Upper hitch pin             | 12 (min.)                                |  |  |
|   | Lower hitch pin             | 12 (min.)                                |  |  |
| h | Mast height                 | 360±1.5<br>460±1.5<br>610±1.5<br>610±1.5 |  |  |



a) Pin type



b) Clevis type

Fig 1 Dimensions related to implement hitch attachment

|    |         |   |  |  |
|----|---------|---|--|--|
| 10 | Bearing |   |  |  |
|    | Type    | : |  |  |

|           |   |   |  |
|-----------|---|---|--|
|           | Size, mm                                    | : |  |
|           | Whether fitted with oil seal                | : |  |
| <b>11</b> | <b>Lubrication</b>                          |   |  |
|           | Type  | : |  |
|           | Recommended lubricant                       | : |  |
|           | Recommended periodicity                     | : |  |
| <b>12</b> | <b>Cross Shaft</b>                          |   |  |
|           | Size, (L x B x T)                           | : |  |
|           | Range of side adjustment                    | : |  |
| <b>13</b> | <b>Adjustment</b>                           |   |  |
|           | Angling adjustment                          | : |  |
|           | Height adjustment                           | : |  |
| <b>14</b> | <b>Accessories</b>                          |   |  |
|           | Scraper                                     | : |  |
|           | Gauge wheel                                 | : |  |
|           | Loading platform                            | : |  |
| <b>15</b> | <b>Overall dimensions,<br/>(Lx Bx H) mm</b> | : |  |
| <b>16</b> | <b>Mass, kg</b>                             | : |  |
| <b>17</b> | <b>Colour of implement</b>                  | : |  |

Place:

Date:

Signature: —————

Name: —————

Designation: —————