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# Specification sheet for Disc harrow

| | | | |
|---|---|---|---|
| **1** | **General** | | |
| | Name and address of manufacturer | : | |
| | Name and address of applicant | | |
| | Name of machine | : | |
| | Type | : | |
| | Make | : | |
| | Model | : | |
| | Serial No | : | |
| | Size, mm | : | |
| | Year of Manufacture | : | |
| **2** | **Source of Power** | | |
| | Animal | : | |
| | Tractor | : | |
| | Power range, kW | : | |
| **3** | **Type harrow** | | |
| | Single action | : | |
| | Double action | : | |
| | Off-set | : | |
| | Tandem | : | |
| **4** | **Type of hitching** | | |
| | Trailed | : | |
| | Mounted | : | |
| **5** | **Gangs** | | |
| | Number of gangs | : | |
| | Number of discs in each gang | : | |
| | Disc spacing | : | |
| | Gang angles | | |
| | Minimum operating angle | : | |

| | | | |
|---|---|---|---|
| | Maximum angle | : | |
| **6** | **Concave discs** | | |
| | Type | : | |
| | Plain | : | |
| | Notched | : | |
| | Flat centred | : | |
| | Diameter, mm | : | |
| | Thickness, mm | : | |
| | Concavity, mm | : | |
| | Centre hole | | |
| | Square | : | |
| | Circular with key-way | : | |
| | Type of bevelling | | |
| | Single | : | |
| | Stepped | : | |
| | Length of bevel, mm | : | |
| | Angle of bevel | : | |
| | Notch | | |
| | Number | : | |
| | Width | : | |
| | Depth | : | |
| | Edge thickness, mm | : | |
| **7** | **Plain Spool** | | |
| | Length | : | |
| | End diameters | : | |
| | Axle hole size | : | |
| **8** | **Axle** | | |
| | Type | : | |
| | Size, mm | : | |
| | Length | : | |
| | Method of fixing to frame | : | |
| **9** | **Bearing** | | |
| | Type | : | |
| | Size, mm | : | |
| | Whether fitted with oil seal | : | |
| **10** | **Lubrication** | | |
| | Type | : | |
| | Recommended lubricant | : | |
| | Recommended periodicity | : | |

| | | | |
|---|---|---|---|
| **11** | **Beam** | | |
| | Method of attachment | : | |
| | Size, mm | : | |
| | Length, mm | : | |
| **12** | **Hitching Pin** | | |
| | Pin diameter | : | |
| | Top link | : | |
| | Lower link | : | |
| | Pin length | : | |
| | Centre-to-centre distance between holes of hitch points | : | |
| **13** | **Hitch pyramid** | | |
| | Type | : | |
| | Shape | : | |
| | Material of construction | : | |
| | Constructional details | : | |

| **Sr. No.** | **Notations** | **As per IS:4468-2001 (Cat-I/Cat-II), mm** | **As measured, mm** | **Remarks** |
|---|---|---|---|---|
| **I** | **Upper hitch point** | | | |
| a) | Diameter of hitch pin (A) | 18.92 to 19.00/ 25.37 to 25.50 | | |
| b) | Diameter of hitch pin hole (B) | 19.3 to 19.5/ 25.70 to 25.91 | | |
| c) | Linch pin hole distance (D) | 76/93 (Min.) | | |
| d) | Width between outer faces of yoke (E) | 69/86 (Max.) | | |
| e) | Width between inner faces of yoke (F) | 44.5/52 (min) | | |
| **II** | **Lower hitch points** | | | |
| a) | Diameter of hitch pin | 21.80 to 22.01/ 27.8 to 28.0 | | |
| b) | Diameter of hitch pin hole (H) | 22.40 to 22.65/ 28.70 to 29.00 | | |
| c) | Linch pin hole distance (K) | 39/49 (Min.) | | |
| **III** | **Diameter of linch pin hole** | | | |

| | | | | | |
|---|---|---|---|---|---|
| | a) | Upper hitch pin (L) | 12/12 (min.) | | |
| | b) | Lower hitch pin (L) | 12/12 (min.) | | |
| | **IV** | **Mast height (M)** | 458.5 to 461.5/ 608.5 to 611.5 | | |
| | **V** | **Lower hitch point spans (N)** | 681.5 to 684.5/ 823.5 to 826.5 | | |

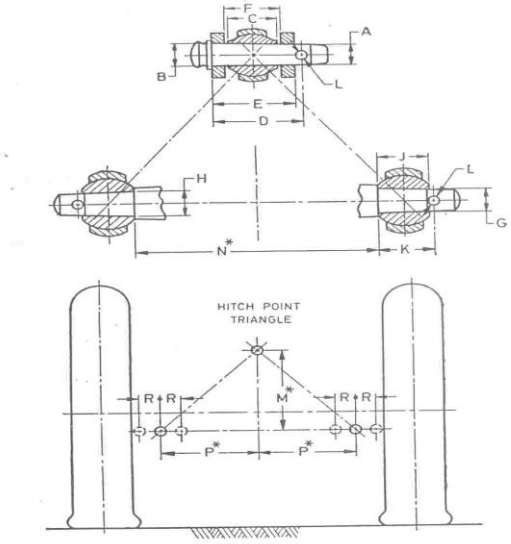


**Fig. 1 Specifications of hitch pyramid**

| | | | |
|---|---|---|---|
| **14** | **Adjustment** | | |
| | Angling adjustment | : | |
| | Height adjustment | : | |
| **15** | **Accessories** | | |
| | Scraper | : | |
| | Gauge wheel | : | |
| | Transport wheels/arrangement | : | |
| | Loading platform | : | |
| **16** | **Overall dimensions, mm** | | |
| | Length | : | |
| | Width | : | |
| | Height | : | |
| **17** | **Mass, kg** | : | |
| **18** | **Colour of implement** | : | |

Place:

Date:

Signature: _ _____

Name: _____

Designation: _____