QUESTIONNAIRE

for ordering a suspension gear for skips UPS\_ TU 12.0174069.024-87

(indicate the standard size according to the section 3 of the questionnaire)

|  |
| --- |
| **Customer Information:** |
| Pit, association, mine, lift (shaft): |
|  |
| Еmail: |
| Phone/fax: \_ |
| Contact person (name, position, tel.): |
|  |
|  |
|  |
|  |
|  |

(Customer)



L.S.

(project organization)

(date of questionnaire preparation)

1. **Working conditions:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item No.** | **Parameter name** | **UOM** | **Response** |
| 1 | Water abundance in the operation area of the product\* | m3/h |  |
| 2 | Mine water aggressiveness\* | рН |  |
| 3 | Results of analytical control of mine waters |  |  |
|  | (with a list of controlled substances) of sanitary - |  |  |
|  | preventive laboratory \* | - |  |
| 4 | Climatic version (U/T) | - |  |

\* - these fields do not have to be filled. To be filled in if necessary.

1. **Hardware requirements**
   1. **General data of the hoisting unit:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item No.** | **Parameter name** | **UOM** | **Response** |
| 1 | Main cable rope: |  |  |
|  | diameter | mm |  |
|  | GOST/TU | - |  |
|  |  |  |  |
| 2 | Actual maximum static load | kN |  |
| 3 | As a part of which hoisting unit is used | - |  |
| 4 | As a part of which hoisting vehicle is used | - |  |
|  |  |  |  |

* 1. **Delivery requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item No.** | **Parameter name** | **UOM** | **Response** |
| 1 | Number of ordered products | pcs. |  |
| 2 | Spare parts set: |  |  |
|  | - basic | - | Yes No |
|  | - individual | - | Yes No |
|  | (describe the desired set) |  |  |
|  |  |  |  |
| 3 | Fabricate with a link | - | Yes No |
|  |  |  |  |
| 4 | Availability of packaging containers | - | Yes No |

* 1. **Additional delivery requirements:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item No.** | **Parameter name** | **UOM** | **Response** |
| 1 | Basic anti-corrosion coating | - | Yes No |
| 2 | Additional anti-corrosion coating | - | Yes No |
|  | (describe the desired coating) |  |  |
|  |  |  |  |
|  |  |  |  |

1. **Basic parameters and dimensions of suspension gears for skips UPS**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Size and type of**  **of suspension gear** | **Patten** | **Standard size**  **of the thimble** | **Diameter of the main**  **cable rope dr, mm** | **Maximum end**  **load, kN (tf)** | **Dimensions, mm** | | | | | | | | | | | **Weight, kg** | |
| **H** | **H1** | **B** | **B1** | **B2** | **B3** | **B4** | **S** | **S1** | **d1** | **d2** | **With**  **Links** | **Without**  **links** |
| UPS 6.3.000 | 1 | KD6.3 | 20…24 | 63  (6.3) | 965 | 685 | 331 | 271 | 48 | 140 | 190 | 72 | 98 | 45 | 80 | 78 | 62 |
| -01 | 24…28 |
| -02 | 28…33 |
| -03 | 33…36.5 |
| -04 | 2 | 20…24 | 1215 | 48 | 82 | 46 | 45 | 68 |
| -05 | 24…28 |
| -06 | 28…33 |
| -07 | 33…36.5 |
| UPS12.5.000 | 1 | KD12.5 | 27…32 | 125  (12.5) | 1255 | 895 | 441 | 356 | 58 | 184 | 244 | 90 | 124 | 60 | 90 | 164 | 147 |
| -01 | 32…37 |
| -02 | 37…42 |
| -03 | 42…46.5 |
| -04 | 2 | 27…32 | 1470 | 58 | 119 | 56 | 60 | 155 |
| -05 | 32…37 |
| -06 | 37…42 |
| -07 | 42…46.5 |
| UPS20.000 | 1 | KD20 | 33…37 | 200  (20) | 1,600 | 1180 | 548 | 448 | 70 | 190 | 250 | 110 | 152 | 80 | 100 | 304 | 256 |
| -01 | 37…41 |
| -02 | 41…46 |
| -03 | 46…52 |
| -04 | 52…58.5 |
| -05 | 2 | 33…37 | 1955 | 70 | 135 | 68 | 80 | 303 |
| -06 | 37…41 |
| -07 | 41…46 |
| -08 | 46…52 |
| -09 | 52…58.5 |
| UPS30.000 | 1 | KD30 | 42…46 | 300  (30) | 1735 | 1275 | 618 | 500 | 75 | 198 | 266 | 125 | 177 | 90 | 125 | 459 | 340 |
| -01 | 46…50 |
| -02 | 50…55 |
| -03 | 55…60.5 |
| -04 | 60.5…65 |
| -05 | 2 | 42…46 | 2120 | 75 | 140 | 73 | 90 | 453 |
| -06 | 46…50 |
| -07 | 50…55 |
| -08 | 55…60.5 |
| -09 | 60.5…65 |
| UPS46.000 | 1 | KD46 | 44…50 | 460  (46) | 1945 | 1420 | 680 | 535 | 85 | 260 | 320 | 145 | 207 | 110 | 130 | 684 | 542 |
| -01 | 50…55 |
| -02 | 55…60 |
| -03 | 60…65 |
| -04 | 2 | 44…50 | 2365 | 85 | 150 | 83 | 110 | 689 |
| -05 | 50…55 |
| -06 | 55…60 |
| -07 | 60…65 |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | Fig. 1, 2 | Fig. 3 |



An example of designation of a suspension gear for a static load of 63 kN:

Suspension gear for skips UPS6.3 TU 12.0174069.024-87

1. **Suspension gear for skips UPS**

Link (kinematic)

Its location is inside the thimble

Link

(kinematic)

Its location is outside the thimble

Inclusion of a roller in the delivery (indicating its length), checks, washers - as agreed with the Customer

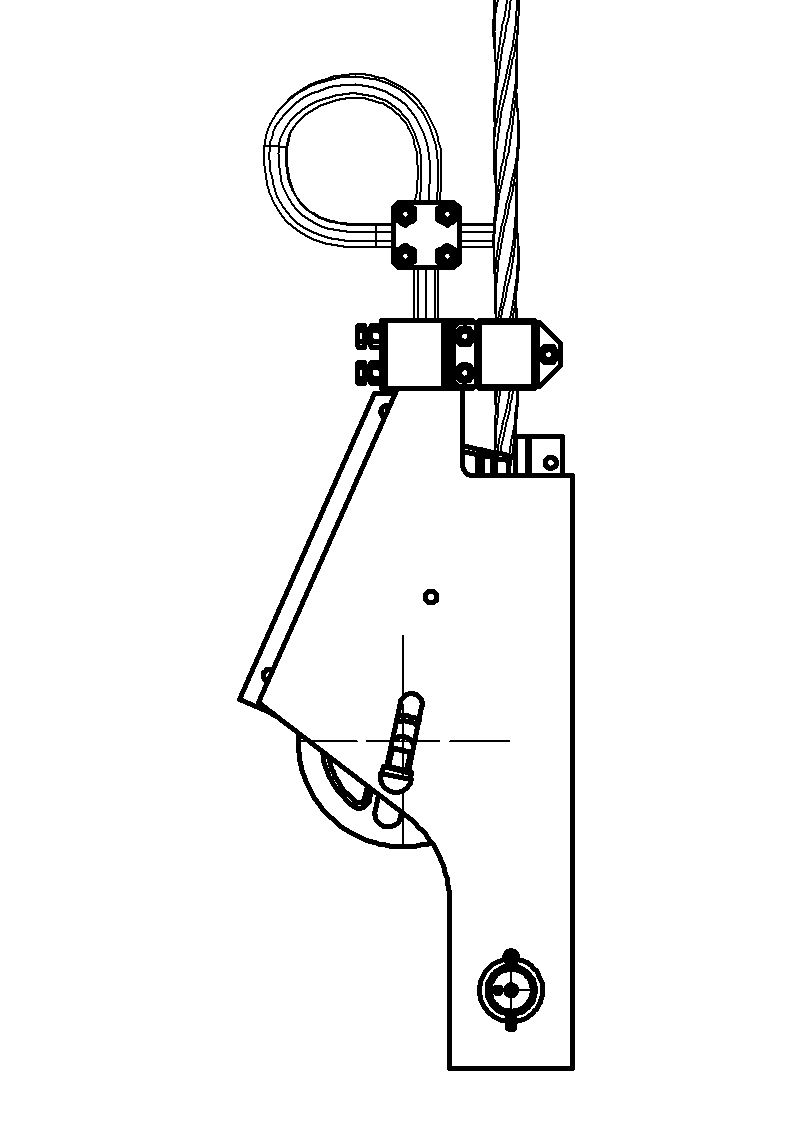


Fig. 3

Thimble KD

Thimble KD

Thimble KD

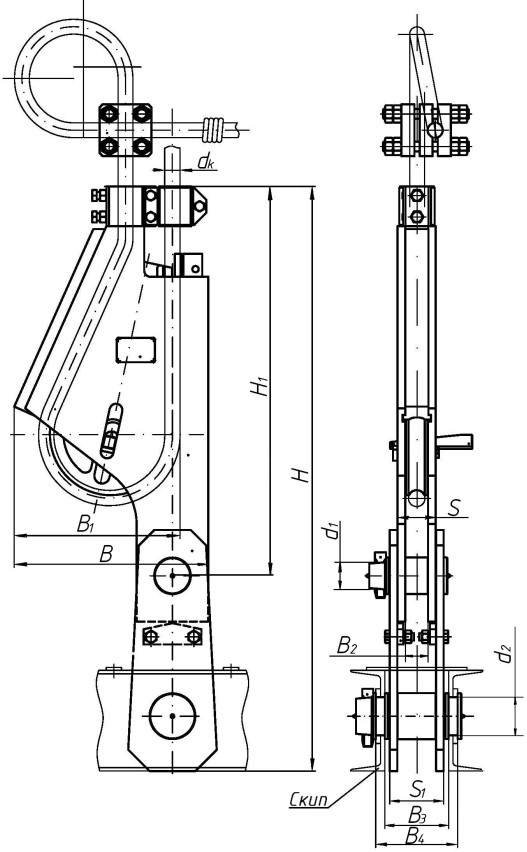


Fig. 1

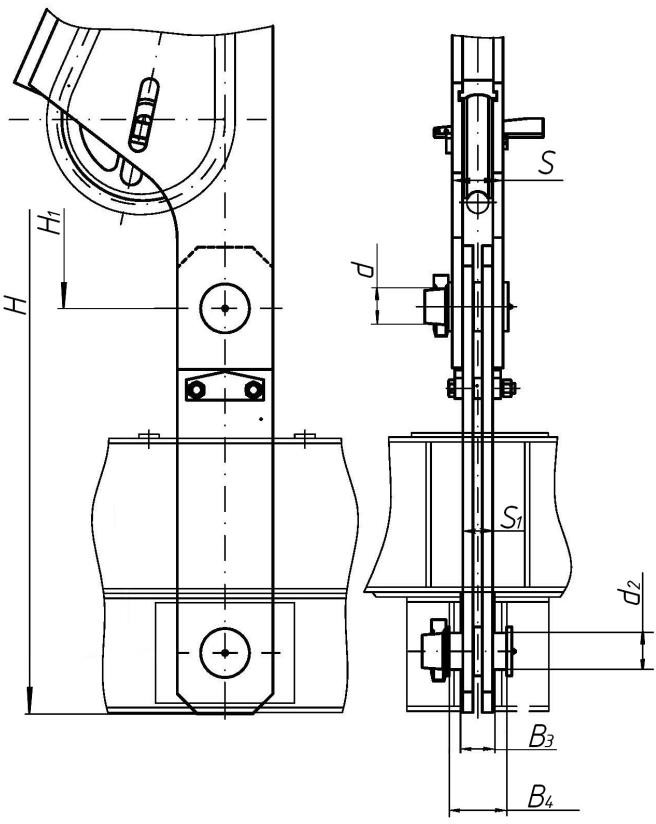


Fig. 2

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