

## Machinery Data Sheet

**CUSTOMER:** NATIONAL IRANIAN COPPER INDUSTRY COMPANY / NICICO

**Customer Ref Code :** 220-CN-101

### MAIN CHARACTERISTICS

**Manufacture number..... 117400**  
**Year of manufacture ..... 2020**  
**Type of machine..... 5 t single girder GHD13 hoist for bends H= 30 m**

### LIFTING

<b>55</b>	Hoist type..... <b>GHD13</b> Working Group w/r FEM..... <b>M5</b> Capacity..... <b>5 t</b> Vertical lift..... <b>31 m.</b>	Length of wire rope/chain .... <b>64,5 m.</b> Rope/chain diameter. .... <b>12 mm.</b> Pulley diameter. .... <b>225 mm</b> Lifting motor type..... <b>VHD13-130 Protection.IP-</b>
	Lifting speed ..... <b>10/1,6 m/min.</b> N° of Rope falls..... <b>2/1</b> Drum diameter ..... <b>242 mm.</b> Gear box..... <b>Polipasto</b> Compensation pulley ø. .... Drum length ..... <b>1300 mm.</b>	Power..... <b>9/1,5 Kw</b> R.P.M..... <b>3000/500</b> F. M. %..... <b>40 ED;240 St-up./h</b> Brake..... <b>c.c.(90v)</b> Type of Hook ..... <b>Simple</b> N° Hook w/r 15401 ..... <b>2,5</b>

### CROSS TRAVEL

Model of crab..... <b>Single girder for curves</b> Working Group w/r FEM..... <b>M5</b> Direction speed..... <b>20 m/min.</b> Ø Wheel..... <b>140 mm.</b> Span between axles..... mm. Flange profile or beam width <b>155 mm.</b> Distance between wheels....	Gearbox type ..... <b>RFS125-3T</b> Number of engines..... <b>2</b> Travel motor type ..... <b>VB1-60 Protection.IP - 55</b> Power..... <b>2 x 0,84 Kw</b> R.P.M..... <b>3000 Vari.</b> F. M. %..... <b>40 ED;240 St-up./h</b>
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### LONG TRAVEL

E.O.T.C. model .... Gearbox type Working Group w/r FEM..... Structure Group. .... Travel speed ..... m/min. Ø Wheel..... mm. Wheel opening..... mm Wheel centres..... mm.	Span ..... <b>m.</b> Transfer motor type..... <b>Protection.IP - 55</b> Power..... <b>0 x Kw</b> R.P.M..... F. M. %..... <b>0 ED;0 St-up./h</b>
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### ROTATION

Working Group w/r FEM..... Rotation speed..... v/min. Ø Wheel..... mm. Gearbox type .....	Rotation motor type..... <b>Protection.IP- 55</b> Power..... <b>0 x Kw</b> R.P.M..... F. M. %..... <b>0 ED;0 St-up./h</b>
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