**SPECIFICATION**

- **VERTICAL LOAD CAPACITY**
  - Per Skid Unit: 666t

- **MAXIMUM LATERAL LOAD**
  - 5%

- **MAXIMUM PUSH / PULL**
  - Per Skid Unit: 100t

- **WORKING PRESSURES (BAR)**
  - Vertical: 275 (PUSH)
  - Gripper: 193/279 (PUSH/PULL)

- **MAXIMUM BEARING PRESSURE**
  - Under Track: 200MPa

- **LAUNCH SPEED**
  - 20m/hour

- **CLOSING HEIGHT**
  - 890mm

- **MAXIMUM LIFT HEIGHT**
  - 150mm

- **OVERALL CLOSED LENGTH**
  - Uni-Directional Anchor: 3325mm
  - Bi-Directional Anchor: 3778mm

- **OVERALL WIDTH OF SYSTEM**
  - 800 mm

**Notes:**
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**DL-SU666 SKIDDING SYSTEM**

**DL-SU666-001 A**

- **DL-CY666 CYLINDER**
  - 666t SWL, 1500mm STROKE
  - With Tilt Saddle
  - (Wt = 1375kg)

- **DL-G100 UNI-DIRECTIONAL ANCHOR**
  - 100t SWL
  - (Wt = 435kg)

- **DL-G100 BI-DIRECTIONAL ANCHOR**
  - 100t SWL
  - (Wt = 825kg)

- **DL-SU666 SKID TRACK**
  - (Wt = 1670kg)

- **DL-SU666 SKID UNIT**
  - (Wt = 760kg)

- **DL-CY50 RAMS**
  - 50t Push/Pull
  - 500mm STROKE
  - (Wt = 510kg EACH)

- **DL-CY666 CYLINDER**
  - 666t SWL, 1500mm STROKE
  - With Tilt Saddle
  - (Wt = 1375kg)

**Design Eng:** Checking Eng:**

- **Drawing No.:**
- **Project:**
- **Design Eng:**
- **Drawn by:**
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**DL-SU666 SKID TRACK**

- **DL-SU666 SKID UNIT**
  - 3325mm

- **DL-SU666-001 A**

**DL-BI-DIRECTIONAL ANCHOR**

- **DL-G100 BI-DIRECTIONAL ANCHOR**
  - 100t SWL
  - (Wt = 825kg)

**General Arrangement**

- **Isometric Views**

**DL-CY666 CYLINDER**

- **DL-CY666 SKID TRACK**
  - (Wt = 1670kg)

**DL-CY666 CYLINDER**

- **DL-CY666 SKID UNIT**
  - (Wt = 760kg)

**DL-CY666 CYLINDER**

- **DL-CY666 SKID TRACK**
  - (Wt = 1670kg)

**DL-CY666 CYLINDER**

- **DL-CY666 SKID UNIT**
  - (Wt = 760kg)

**DL-CY666 CYLINDER**

- **DL-CY666 SKID TRACK**
  - (Wt = 1670kg)

**DL-CY666 CYLINDER**

- **DL-CY666 SKID TRACK**
  - (Wt = 1670kg)
**NOTES**

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**SPECIFICATION**

**VERTICAL LOAD CAPACITY**

- **PER SKID UNIT** = 666 t

**MAXIMUM LATERAL LOAD**

- **PER SKID UNIT** = 100 t

**WORKING PRESSURES (BAR)**

- **VERTICAL** = 275 (PUSH)
- **GRIPPER** = 193/279 (PUSH/PULL)

**MAXIMUM BEARING PRESSURE UNDER TRACK**

= 20 MPa

**LAUNCH SPEED**

= 20 m/hour

**CLOSED HEIGHT**

= 890 mm

**MAXIMUM LIFT HEIGHT**

= 150 mm

**OVERALL CLOSED LENGTH**

- **UNI-DIRECTIONAL ANCHOR** = 3325 mm
- **BI-DIRECTIONAL ANCHOR** = 3778 mm

**OVERALL WIDTH OF SYSTEM**

= 800 mm

**WORKING PRESSURES (BAR)**

- **VERTICAL** = 275 (PUSH)
- **GRIPPER** = 193/279 (PUSH/PULL)

**MAXIMUM BEARING PRESSURE UNDER TRACK**

= 20 MPa

**LAUNCH SPEED**

= 20 m/hour

**CLOSED HEIGHT**

= 890 mm

**MAXIMUM LIFT HEIGHT**

= 150 mm

**OVERALL CLOSED LENGTH**

- **UNI-DIRECTIONAL ANCHOR** = 3325 mm
- **BI-DIRECTIONAL ANCHOR** = 3778 mm

**OVERALL WIDTH OF SYSTEM**

= 800 mm

**VERTICAL LOAD CAPACITY**

- **PER SKID UNIT** = 666 t

**MAXIMUM LATERAL LOAD**

- **PER SKID UNIT** = 100 t

**WORKING PRESSURES (BAR)**

- **VERTICAL** = 275 (PUSH)
- **GRIPPER** = 193/279 (PUSH/PULL)

**MAXIMUM BEARING PRESSURE UNDER TRACK**

= 20 MPa

**LAUNCH SPEED**

= 20 m/hour

**CLOSED HEIGHT**

= 890 mm

**MAXIMUM LIFT HEIGHT**

= 150 mm

**OVERALL CLOSED LENGTH**

- **UNI-DIRECTIONAL ANCHOR** = 3325 mm
- **BI-DIRECTIONAL ANCHOR** = 3778 mm

**OVERALL WIDTH OF SYSTEM**

= 800 mm

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**PLAN ON A-A**

- 1250 SKID UNIT PIN HOLES
- 610 ANCHOR PIN CENTRES
- 3255 FOR UNI-DIRECTIONAL ANCHOR
- 3778 FOR BI-DIRECTIONAL ANCHOR

**ELEVATION**

- 1:20

- 740 OVER CYLINDERS
- 490 ANCHOR BODY
- 690 DIA JACK BODY

**SECTION B-B**

- 1:10

- 30 BASE PLATE STEEL BOLTED

**SECTION C-C**

- 1:10

- 490 ANCHOR BODY
- 690 DIA JACK BODY

**SECTION D-D**

- 1:10

- 540 JACK CLOSED (690 AT FULL STROKE)
- 320
- 250
- 510
- 270
- 270
- 270
- 135
- 305
- 305
- 220
- 160
- 160
- 220
- 800 WIDE BASE PLATE

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**DL-SU666 SKIDDING SYSTEM**

**GENERAL ARRANGEMENT**

**PLANS & SECTIONS**

**PROJECT**

- DL-SU666 SKIDDING SYSTEM

**DRAWING NO.**

- DL-SU666-002

**DATE**

- 11.04.13

**INFORMATION**

- DNT
- JPF
- MW
- DJD
**DESCRIPTION**

**Vertical Load Capacity**
- Per Skid Unit = 1332t

**Maximum Lateral Load**
- Per Skid Unit = 100t

**Working Pressures (Bar)**
- Vertical = 275 (PUSH)
- Gripper = 193/279 (PUSH/PULL)

**Maximum Bearing Pressure**
- Under Track = 20MPa

**Launch Speed**
- = 20m/hour

**Closed Height**
- = 890mm

**Maximum Lift Height**
- = 150mm

**Overall Closed Length**
- = 6793mm

**Overall Width of System**
- = 800 mm

**Note:** Connection between bridging unit and load must prevent rotation about axis parallel to bridging unit.

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**SPECIFICATION**

**DL-SU666 SKID TRACK**

**DL-G100 UNI-DIRECTIONAL ANCHOR**

**DL-SU666 SKID UNITS**

**DL-SU666 LINK PLATE ASSEMBLIES**
- Weight = 35kg each

**DL-SU666 BRIDGING UNIT**
- Weight = 2585kg

**DL-CY50 RAMS**

**DL-CY666 CYLINDER**

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**FOR INFORMATION**

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NOTES

SPECIFICATION

VERTICAL LOAD CAPACITY PER SKID UNIT = 1332t
MAXIMUM LATERAL LOAD = 5%
MAXIMUM PUSH / PULL PER SKID UNIT = 100t

WORKING PRESSURES (BAR)

VERTICAL GRIPPER = 275 (PUSH)
= 193.279 (PUSH/PULL)

MAXIMUM BEARING PRESSURE UNDER TRACK = 20MPa
LAUNCH SPEED = 20m/hour
CLOSED HEIGHT = 890mm
MAXIMUM LIFT HEIGHT = 150mm
OVERALL CLOSED LENGTH = 6793mm
OVERALL WIDTH OF SYSTEM = 800 mm
NOTE:
DETAILS SHOWN IN SECTIONS A-A & B-B ARE FOR CAST IN HD FIXINGS. AS AN ALTERNATIVE HOLES COULD BE DRILLED AND RESIN TYPE ANCHORS USED FOR FIXING.

1. MAXIMUM UNFACTORED BEARING PRESSURE UNDER TRACK = 20MPa
2. MAXIMUM UNFACTORED UPLIFT ON EACH HOLDING DOWN BOLT = 120kN

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NOTES
1. MAXIMUM UNFACTORED BEARING PRESSURE UNDER TRACK = 20MPa
2. MAXIMUM UNFACTORED UPLIFT ON EACH HOLDING DOWN BOLT = 120kN

FOR INFORMATION
AS SHOWN

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DL-SU666 TRACK FIXING - CONCRETE

CONCRETE FOUNDATION

6 PITCHES @ 800 = 4800 (HD BOLTS & LEVELLING PACKS)
TOP OF SKID PLATE TO BE LEVEL TO WITHIN 2mm IN 1000mm IN ANY DIRECTION

ISOMETRIC VIEW

STEEL SUPPORT BEAM

ELEVATION

SECTION A-A

SECTION B-B

ALTERNATIVE DETAIL

TRACK INTEGRATED INTO STEEL SUPPORT BEAM

1. MAXIMUM UNFACTORED BEARING LOAD UNDER TRACK ABOVE EACH WEB OF STEEL BEAM = 5kN/mm
2. MAXIMUM UNFACTORED UPLIFT ON EACH HOLDING DOWN BOLT = 120kN

NOTES

1. MAXIMUM UNFACTORED BEARING LOAD UNDER TRACK ABOVE EACH WEB OF STEEL BEAM = 5kN/mm
2. MAXIMUM UNFACTORED UPLIFT ON EACH HOLDING DOWN BOLT = 120kN