ROCKLABS

WORLD LEADERS IN SAMPLE PREPARATION EQUIPMENT AND REFERENCE MATERIALS FOR USE IN GOLD ASSAYING

ROCKLABS LIMITED 161 NEILSON STREET, ONEHUNGA, PO BOX 18-142, GLEN INNES, AUCKLAND, NEW ZEALAND Tel: +64 9 634 7696 Fax: +64 9 634 6896 Email: sales@rocklabs.com Website: www.rocklabs.com

BENCH TOP ROTATING SAMPLE DIVIDER (BTRSD)

MANUAL

ROCKLABS

WORLD LEADERS IN SAMPLE PREPARATION EQUIPMENT

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Document History

Version	Date	Description	Author
B	11 June 2012	Add Document History Table	John Callaghan
C	25 June 2012	Update Electrical Schematics	John Callaghan

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Warranty Form

ROCKLABS Standard Equipment Warranty

Rocklabs standard equipment is warranted against manufacturing defects for the period of one year, or the first 2000 operating hours, whichever comes first.

The warranty period commences on the date of dispatch.

During the warranty period, any machine component proven to have a manufacturing defect causing premature failure will be replaced, at no charge for the replacement part.

Freight terms are EX WORKS for all warranty replacement parts (all costs relating to shipping, customs charges, duties, taxes and insurance are the customers' responsibility from dispatch at Rocklab's facility).

This warranty does not cover failure due to accidents, abuse, misuse, negligence or acts of God.

Please tick to agree with the following conditions:

- ☐ Must be used under normal laboratory conditions
- ☐ Adjusting the jaw gap of the crushers less that the factory setting of 2mm will void the warranty
- ☐ The operator/technician must have read and understood the operating instructions in the manual prior to using/repairing/maintaining the machine
- ☐ The operator/Technician must read and then follow all operating, installation and maintenance instructions in the manual

Equipment Serial No: ……

Customer Contact Name: ……..…… Email: ……

Contact Phone No.: …… Contact Fax No.: ……

Company Name: ……..……..……

Customer Site Address: ……..…...……

……

……

Date of Purchase/Dispatch: …… Signature…….

- ➘ Warranty Validation: Complete this form in it entirety, sign and return a copy to Rocklabs within 7 working days of receipt of your Rocklab's equipment. Fax or email To:

  Fax: +64 9 634 6896
  Email: sales@rocklabs.com

- ➘ For Service and Technical assistance email service@rocklabs.com

Dimensions and Weight

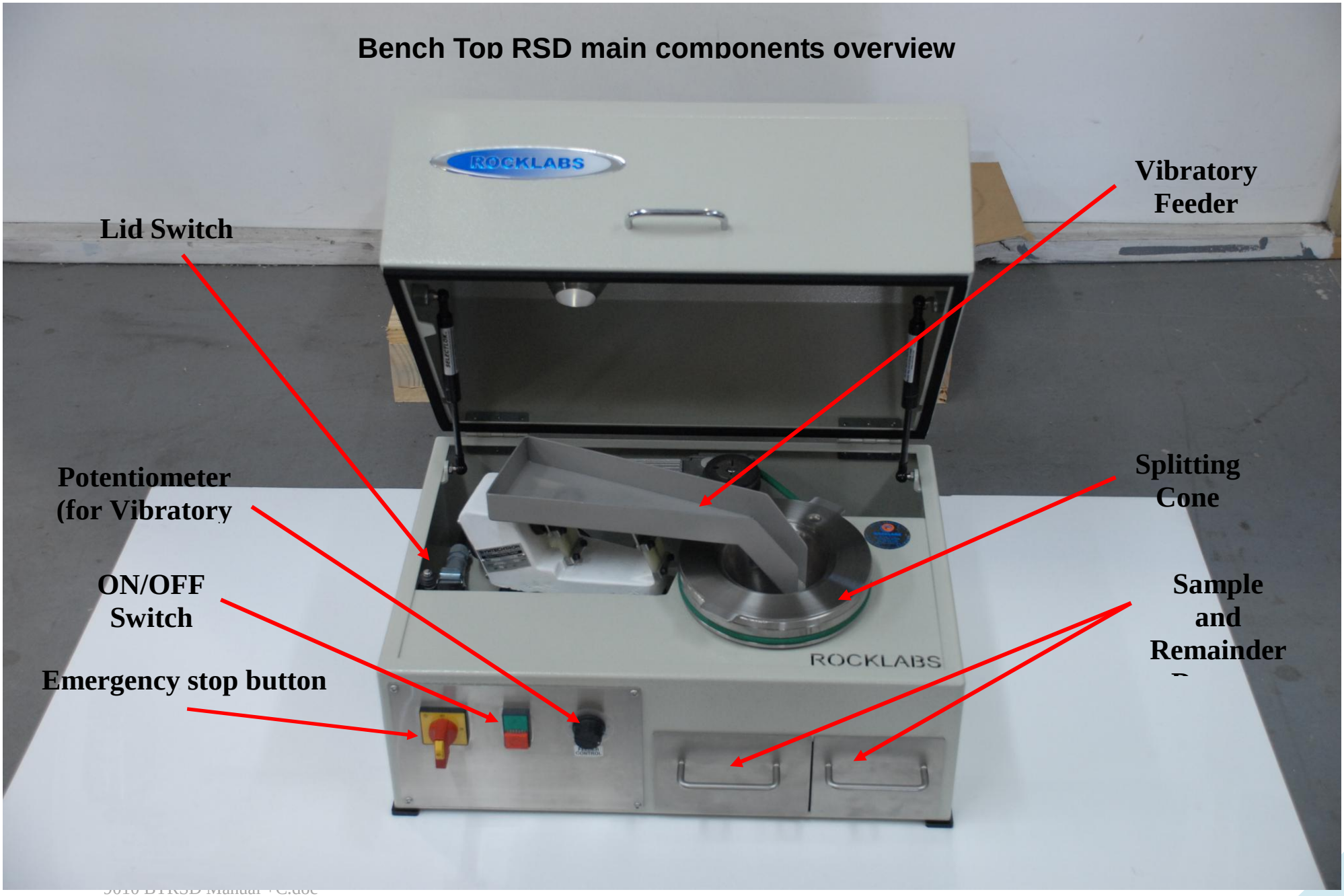
Width 600mm
Depth 420mm
Height 560mm

Weight 70kg

Voltage Supply	Phase	Frequency	Amps	kW
110 – 120v	1ph L + N	50Hz	1.3A	0.14kW
110 – 120v	1ph L + N	60Hz	1.3A	0.14kW
220 – 240v	1ph L + N	50Hz	0.8A	0.12kW
220 – 240v	1ph L + N	60Hz	0.8A	0.12kW
220 – 240v	3ph L1 + L2	50Hz	0.8A	0.12kW
220 – 240v	3ph L1 + L2	60Hz	0.8A	0.12kW

Features

- It takes a single representative split of any proportion from 0 – 50% from any size of sample, up to 5kg
- Moving parts are made of stainless steel
- Lid safety cut out switch
- Two split only – sample and remainder
- Feed rate: 0 – 1.5kg per minute
- Feed size: less than 5mm recommended
- Stainless steel hopper with 5kg capacity
- Vibratory Feeder control


Bench Top RSD main components overview
Lid Switch
Vibratory Feeder
Potentiometer (for Vibratory
Splitting Cone
ON/OFF Switch
Sample and Remainder
Emergency stop button
ROCKLABS
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Unpacking Instruction

1. Remove the plastic film with care.

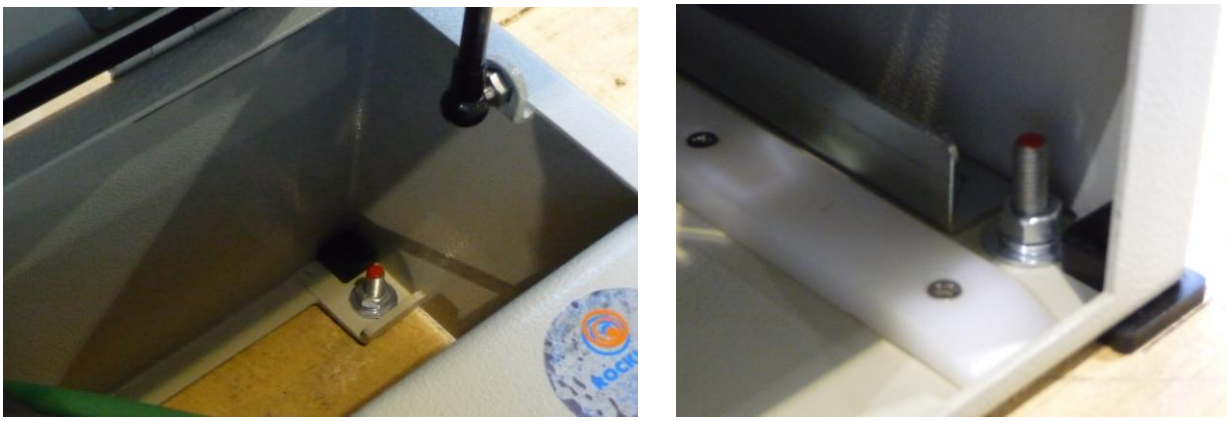


Figure 1: Showing the two different locations of the bolts that hold down the BTRSD for shipping

2. Remove two bolts holding the Bench Top RSD on the pallet. These two bolts are located at the bottom corner of the RSD, diagonal to each other. (see Figure 1)

Figure 2: Showing the black strap securing the vibratory feeder for shipping

3. Cut the black strap holding the vibratory feeder in place. (see Figure 2)

Note: It is recommended to do step 3 after the RSD is lifted on the bench. It will require two people to lift the Bench Top RSD.

Installation

The Rocklabs Bench Top RSD is designed to operate on a bench, on its own stand or on the floor. It has polyurethane feet to help prevent it moving during operation. If the bench or floor is not level, the Bench Top RSD may move during operation.

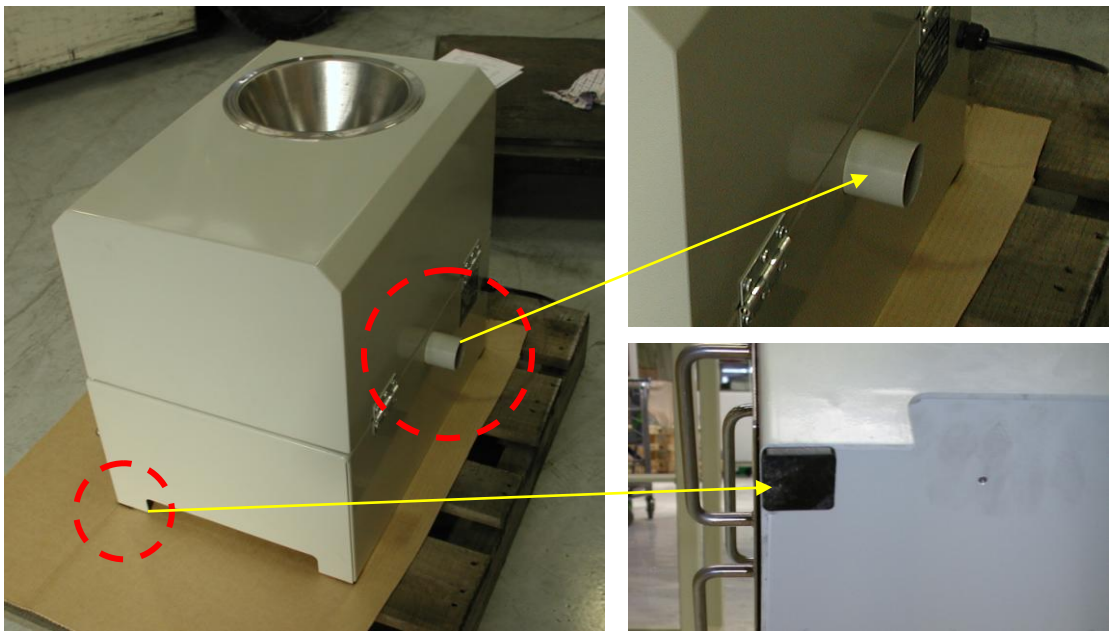


Figure 3: Left – Bench Top RSD sitting on a pallet. Top Right - showing the enlarged section of the air duct located at the rear of the RSD. Bottom right – showing one of the four polyurethane feet at the bottom of the RSD.

A 50mm air duct is available at the rear of the cabinet for connection to a dust extraction system, if one is available. This is not essential but is recommended, for cleanliness inside the cabinet. If no dust extraction is available, a vacuum cleaner could be used or the interior should be cleaned regularly.

The Bench Top RSD has a single phase cable supplied, for connection to the laboratory power supply. The vibratory feeder and motor drive are both single phase.

No Plug is supplied because plugs differ from country to country.

Safety

The Bench Top RSD must not be operated with the lid open. A lid switch is fitted to stop the motor if the lid is opened.

Remember to turn the machine off before cleaning. Do not just rely on the lid switch.

If any electrical maintenance is required, isolate the RSD at the wall switch. Do not just turn the machine off with the ON/OFF switch on the machine. The cable coming into the Bench Top RSD would still be live.

Operation

The Bench Top RSD has one ON/OFF switch on the front panel, to turn both the vibratory feeder and the motor drive on and off. The vibratory feeder has a speed control on the front panel. For maximum precision of splitting, the feeder should take at least one minute to feed the sample through the splitter, but the feed rate should not exceed 1.5kg/min or the splitter will choke up and not provide an accurate split. In general terms, aim for about 1kg/min feed rate, but less for small samples.

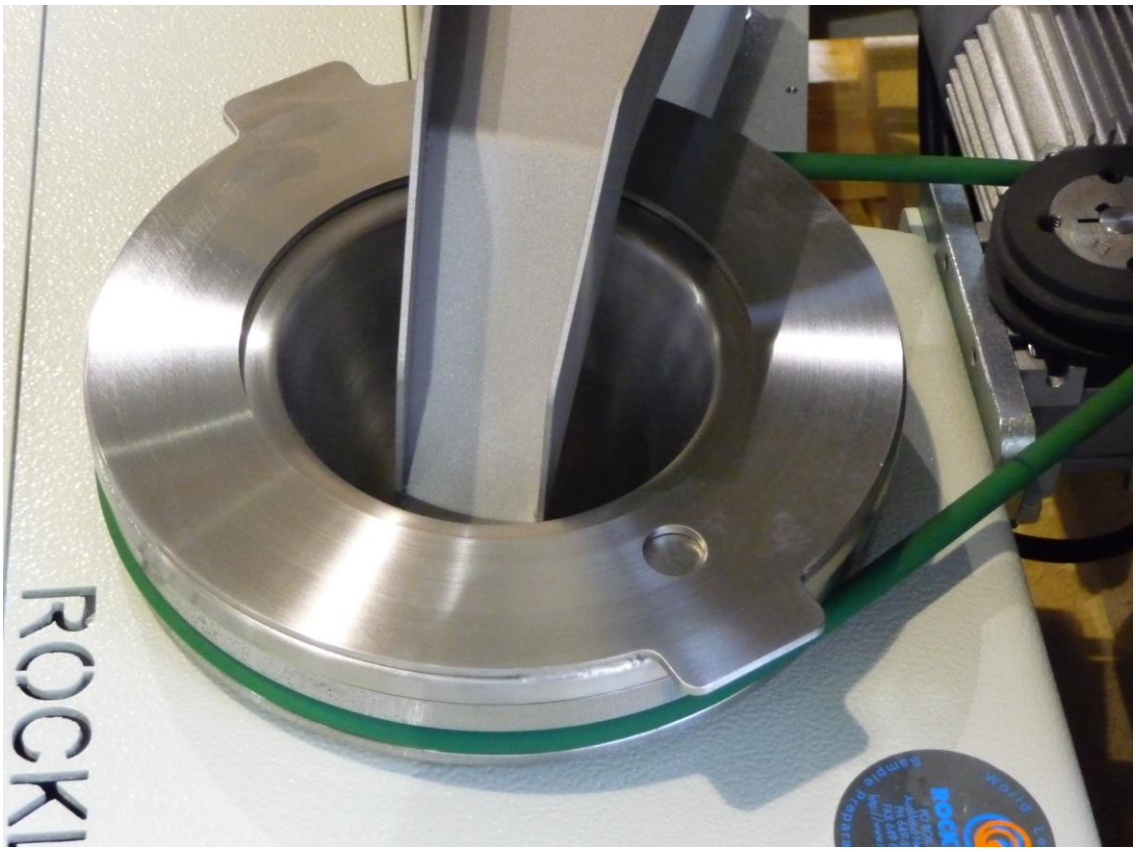


Figure 4: Showing the interior of the BTRSD. The stainless steel circular cone is to be lifted for adjusting the splitting %

The hopper fitted to the lid is stainless steel and will hold approximately 5kg of sample. For samples over 2kg, check the sample bins during splitting, so they don not overflow into the cabinet. They may need a little shake to settle the sample down into the bin.

To change the % split, lift the top cone up by 5 – 10mm and rotate it, to make the split larger or smaller. Some % figures are stamped on to the bottom cone as a guide. These are visible through the hole in the top painted rim. When the % is decided press the top cone down on to the bottom cone. To set the % split accurately, put a weighed amount of sample through and weigh both portions. Adjust the cones to achieve what is required. Once a certain % of split is chosen, the result will be constant.

Cleaning

As with any machine where there is mineral dust, ensure that the Bench Top RSD is kept clean. We strongly recommend using a vacuum cleaner and brush, not blowing with compressed air. OR It can be cleaned with a damp cloth.

Remember to turn the machine off before cleaning. Do not just rely on the lid switch.

Maintenance

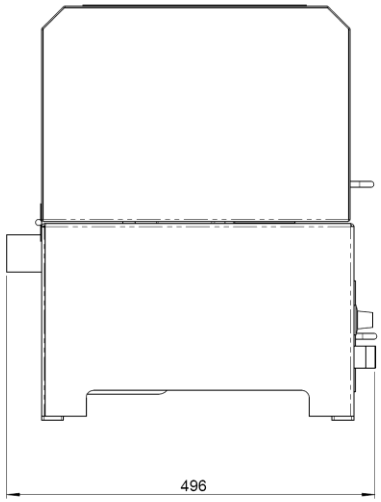
The main bearing is sealed and lubricated for life. No greasing is required for this bearing or for the motor drive.

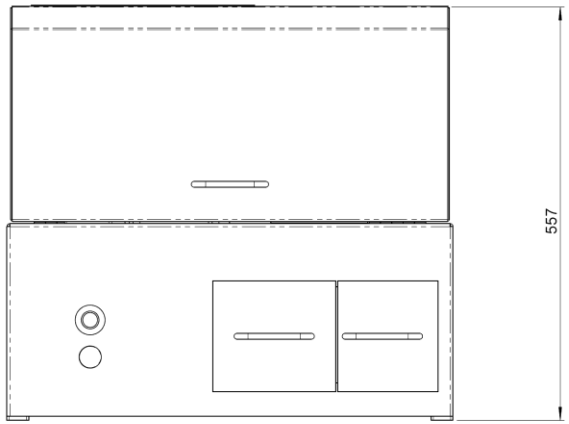
The vibratory feeder requires no lubrication. It can be moved a little backwards and forwards by loosening the rubber feet bolts and sliding the feeder along its support.

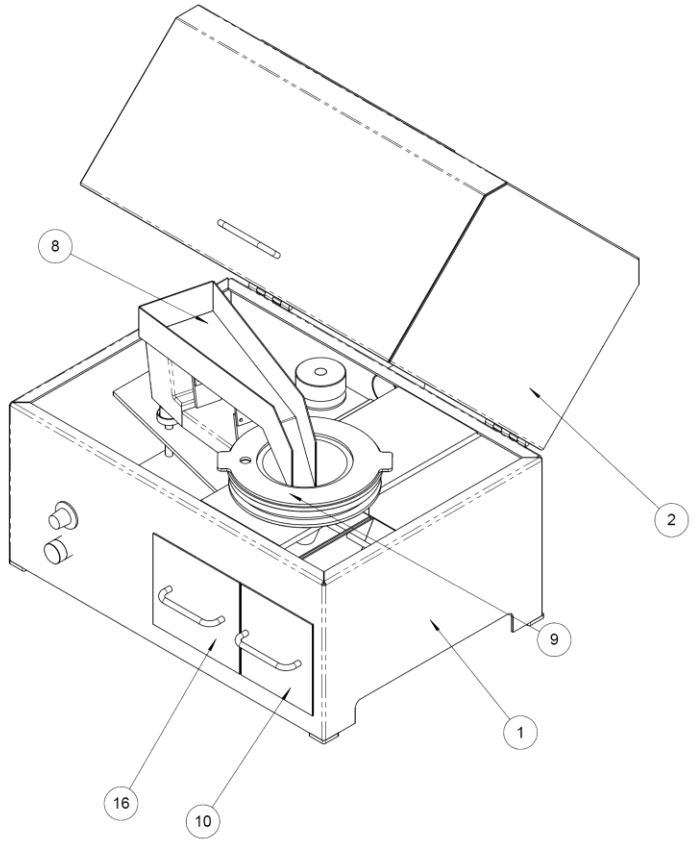
Remember to turn the machine off before cleaning. Do not just rely on the lid switch.

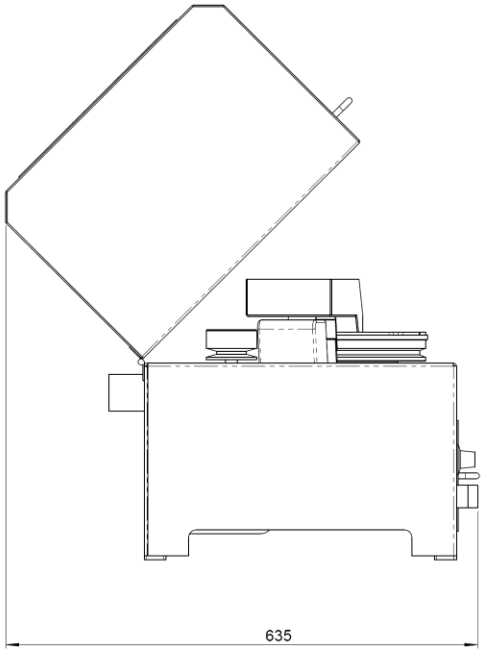
If any electrical maintenance is required, isolate the RSD at the wall switch. Do not just turn the machine off with the ON/OFF switch on the machine. The cable coming into the Bench Top RSD would still be live.

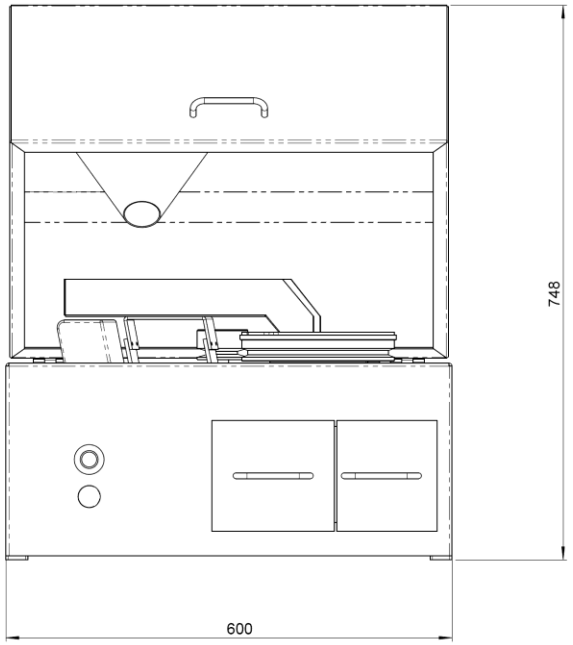
Mechanical and Electrical Drawings











ITEM NO.	PART NUMBER	10/QTY.
1	RSDBF01A00 FRAME	1
2	RSDBF04A00 COVER	1
3	HINGE FORTRESS 25mm BUTT	2
4	HANDLE DEE 96XD08____MILES NELSON #261	1
5	RSDB001A00 CONE	1
6	STKP008A0016 FOOT FEEDER - M10 X 60	3
7	VIBRATORY FEEDER FT0CR	1
8	RSDBF05A00 FEEDER TRAY	1
9	RSDBA02A00 CONE ASSY	1
10	RSDBF07A00 PRODUCT DRAWER	1
11	POT__GENERIC	1
12	PUSH BUTTON__GENERIC	1
13	MOTOR GBOX	1
14	MOTOR PULLEY	1
15	STKP007A0010 FOOT URETHANE	4
16	RSDBF08A00 WASTE DRAWER	1

PART/ASSY MODEL :-
NAME : RSDBA01A00 RSD BENCH TOP
CONFIGURATION : 10
CONFIG REVISION :

		XXX	X	XX XXX XXXX
ORIG. SCALE 20:100	QUANTITY	ORIGINAL ISSUE	A	16 MAR 2006
		REMARKS	ISS	DATE

DESIGNER M E MENHINICK

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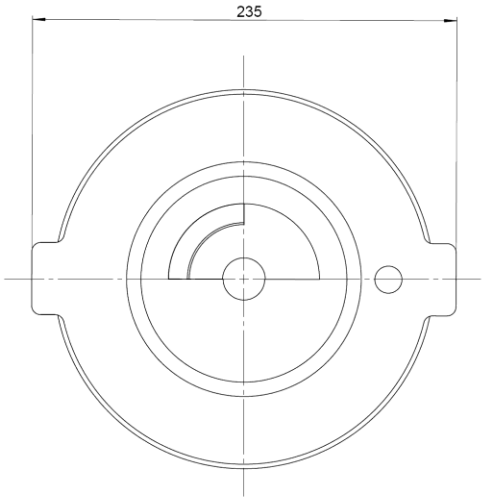
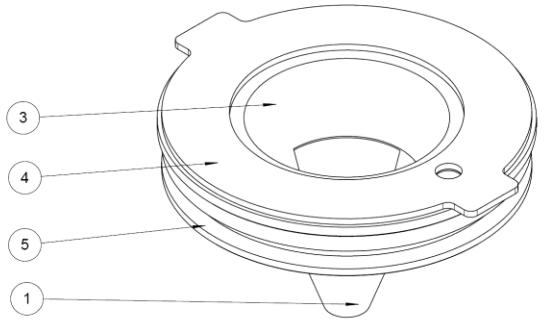
DRG#_TITLE. RSDBA01A0010 RSD BENCH TOP SHT 1 OF 1





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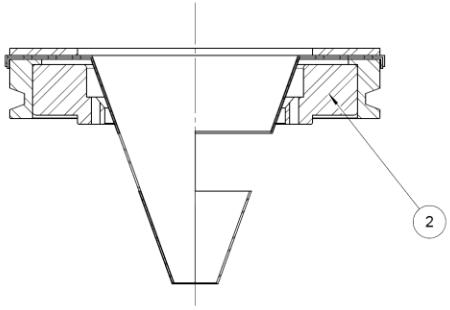
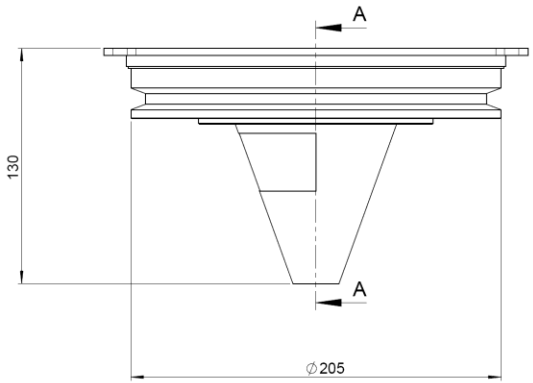
1	RSDB002A00 CONE	1
2	BEARING 6024 - 2RS1	1
3	RSDBF06A01 CONE	1
4	RSDBF06A02 CONE	1
5	RSDB004A00 PULLEY	1



SECTION A-A



UNLESS SHOWN OTHERWISE:-
DIMENSIONS:- mm
HOLE POSITION TOLERANCES:- ⌖ ∅0.2
TOLERANCES:-
ISO 2768-1 TABLE 1-M 9 (MEDIUM)

0 - 6	±0.1
6 - 30	±0.2
30 - 120	±0.3
120 - 400	±0.5
400 - 1000	±0.8
1000 - 2000	±1.2
2000 - 4000	±2.0

MATERIAL : MILD STEEL BS 4360-43A
STOCK SIZE :
MACHINING : AS SHOWN
FINISH : NATURAL
HEAT TREATMENT : N/A

PART/ASSY MODEL :-
NAME : RSDBA02A00 CONE ASSY
CONFIGURATION : 10
CONFIG REVISION :

ORIG. SCALE	QUANTITY	REMARKS	ISS	DATE
50:100		ORIGINAL ISSUE	A	16 MAR 2006
		XXX	X	XX XXX XXXX

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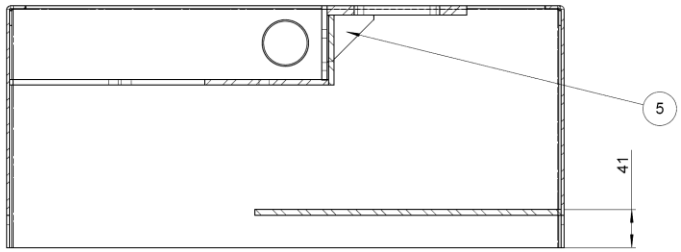
DRG#_TITLE. RSDBA02A0010 CONE ASSY

SHT 1 OF 1



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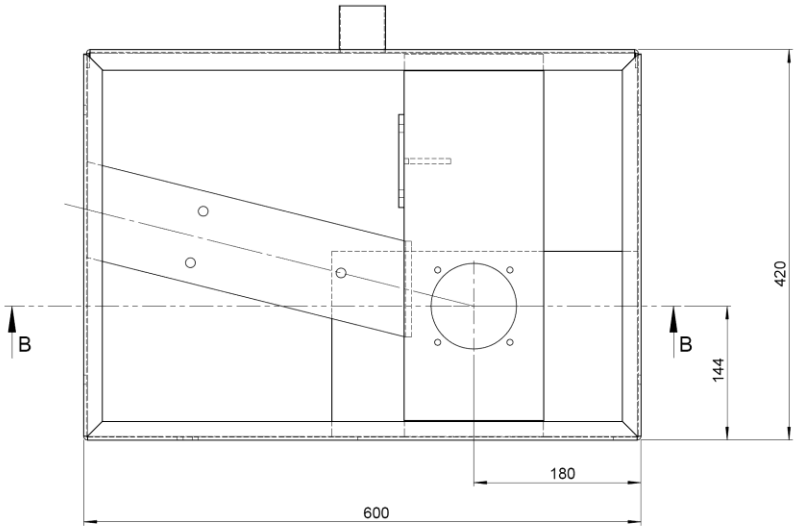

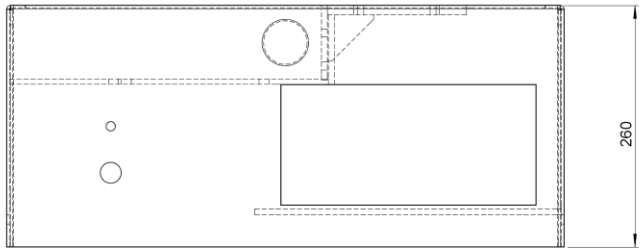

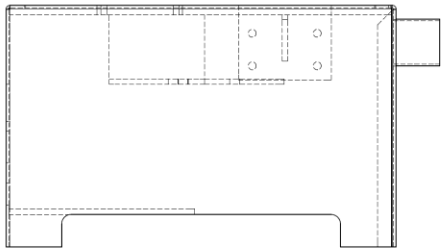

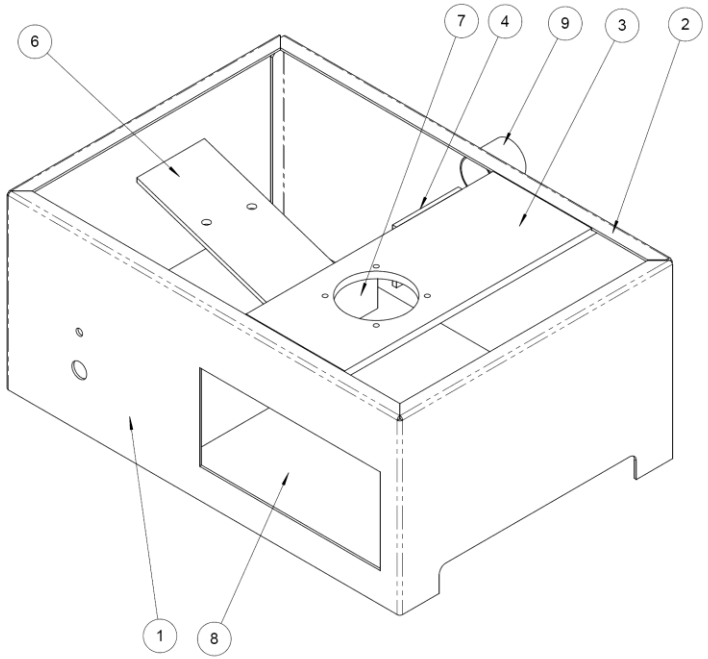

ITEM NO.	PART NUMBER	QTY.
1	RSDBF01A01 FRAME	1
2	RSDBF01A02 FRAME	1
3	RSDBF02A01 FRAME	1
4	RSDBF02A02 FRAME	1
5	RSDBF02A03 FRAME	1
6	RSDBF03A01 FRAME	1
7	RSDBF03A02 FRAME	1
8	RSDBF01A03 FRAME	1
9	RSDBF01A04 FRAME	1

UNLESS SHOWN OTHERWISE:-
DIMENSIONS:- mm
HOLE POSITION TOLERANCES:- ⌖ ∅0.2
TOLERANCES:-
ISO 2768-1 TABLE 1-M 9 (MEDIUM)

0 - 6	±0.1
6 - 30	±0.2
30 - 120	±0.3
120 - 400	±0.5
400 - 1000	±0.8
1000 - 2000	±1.2
2000 - 4000	±2.0

MATERIAL : MILD STEEL BS 4360-43A
STOCK SIZE :
MACHINING : AS SHOWN
FINISH : NATURAL
HEAT TREATMENT : N/A

PART/ASSY MODEL :-
NAME : RSDBF01A00 FRAME
CONFIGURATION : 10
CONFIG REVISION :

ORIG. SCALE 25:100	QUANTITY	XXX	X	XX XXX XXXX
		ORIGINAL ISSUE	A	16 MAR 2006
		REMARKS	ISS	DATE

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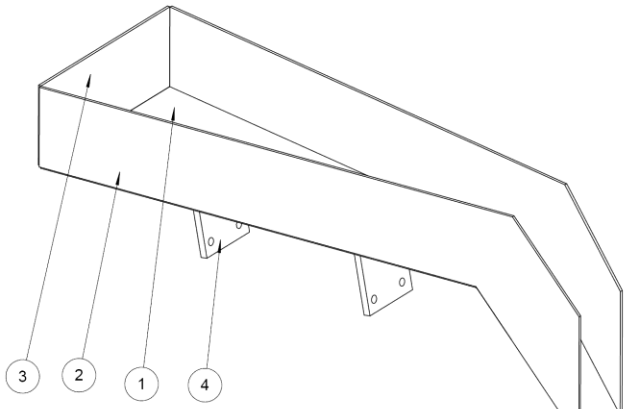
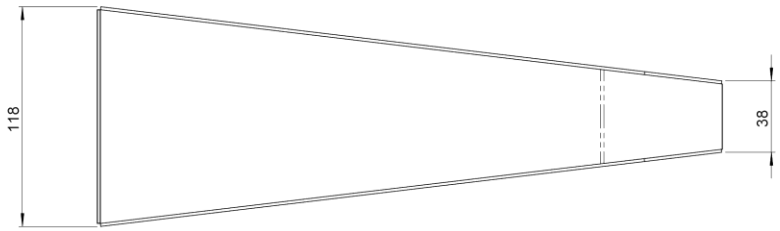
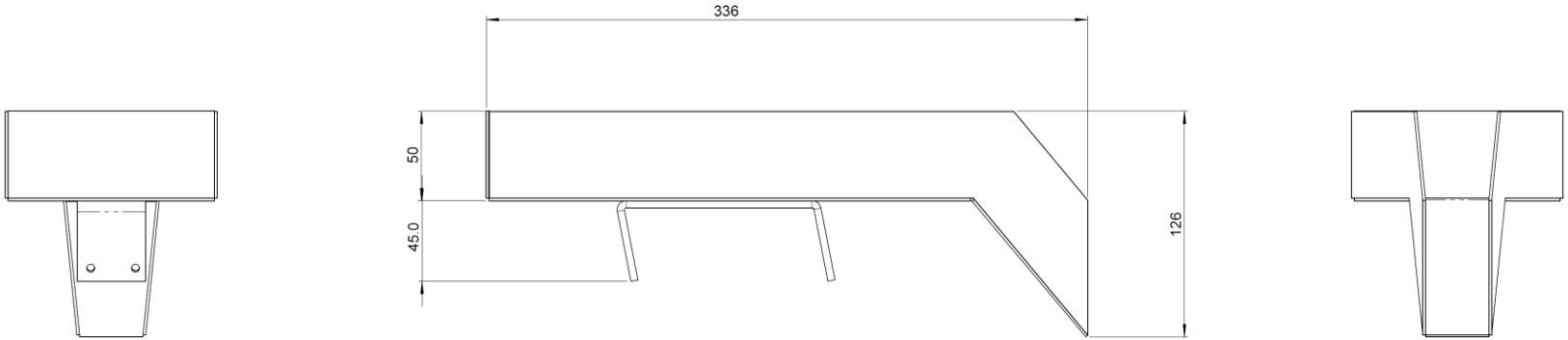
DRG#_TITLE. RSDBF01A0010 FRAME

SHT 1 OF 1

ITEM NO.	PART NUMBER	QTY.
1	RSDBF05A01 FEEDER TRAY	1
2	RSDBF05A02 FEEDER TRAY	2
3	RSDBF05A03 FEEDER TRAY	1
4	RSDBF05A04 FEEDER TRAY	1







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HOLE POSITION TOLERANCES:- ⌖ ∅0.2
TOLERANCES:-
ISO 2768-1 TABLE 1-M 9 (MEDIUM)

0 - 6	±0.1
6 - 30	±0.2
30 - 120	±0.3
120 - 400	±0.5
400 - 1000	±0.8
1000 - 2000	±1.2
2000 - 4000	±2.0

MATERIAL : MILD STEEL BS 4360-43A
STOCK SIZE :
MACHINING : AS SHOWN
FINISH : NATURAL
HEAT TREATMENT : N/A

PART/ASSY MODEL :-
NAME : RSDBF05A00 FEEDER TRAY
CONFIGURATION : 10
CONFIG REVISION :

ORIG. SCALE 50:100	QUANTITY	XXX	X XX XXX XXXX
		ORIGINAL ISSUE	A 16 MAR 2006
		REMARKS	ISS DATE

DESIGNER M E MENHINICK

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DRG#_TITLE. RSDBF05A0010 FEEDER TRAY SHT 1 OF 1

Specifications

Make	ROCKLABS
Model	Bench Top RSD
Product	9010-001
Total Pages	8
Control voltage	110 - 220vac
Configuration Covered	Single Split

Voltage Supply	Phase	Frequency	Amps	Kw
110 - 120v	1ph L1 + N	50Hz	1.3A	0.14kW
110 - 120v	1ph L1 + N	60Hz	1.3A	0.14kW
208 - 240v	1ph L1 + N	50Hz	0.8A	0.12kW
208 - 240v	1ph L1 + N	60Hz	0.8A	0.12kW
208 - 240v	3ph L1 + L2	50Hz	0.8A	0.12kW
208 - 240v	3ph L1 + L2	60Hz	0.8A	0.12kW

ROCKLABS

SCOTT TECHNOLOGY LTD

No.	DATE	REVISION	BY

DO NOT SCALE IF IN DOUBT ASK

TOLERANCE GUIDES: MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD -Title page / cover sheet:

MASS | DESIGNER J.Callaghan | DATE 01/04/2011

FINISH | SCALE@A3 1: 1

MATERIAL | METRIC

PART NUMBER

REV I 26/06/2012 - JC

9010-001 - 1

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ROCKLABS

SCOTT TECHNOLOGY LTD

No.	DATE	REVISION	BY

DO NOT SCALE IF IN DOUBT ASK

TOLERANCE GUIDES: MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD -Table of contents : 1 - 250

MASS | DESIGNER J.Callaghan | DATE 01/04/2011

FINISH | SCALE@A3 1: 1

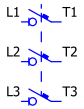
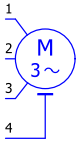
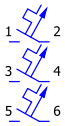
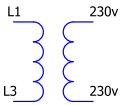
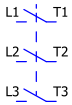
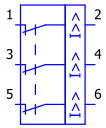
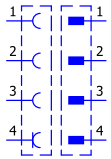
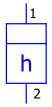
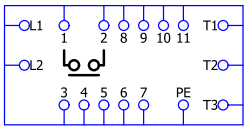
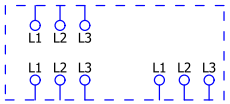
MATERIAL | METRIC

PART NUMBER

REV I 26/06/2012 - JC

9010-001 - 002

Legend

Disconnect Switch 	Three-phase Asynchronous Motor 	Potentiometer 	Start Push Button N/Open Contact 
3 Pole Circuit Breaker 	Single-phase transformer with two windings 	Fused Terminal 	Stop Push Button N/Closed Contact 
Contactor N/Open Three Pole 	Single Pole Circuit Breaker 	Lamp / indicator light 	Instantaneous Aux Overload 
Thermal Overload Three Pole 	Contactor Coil 	Terminal	Lid Switch N/Open Contact 
4pin Female Socket Outlet 4 Pin Male Plug 	Hour Meter 	PE Terminal 	Auxciliary Contact N/Open 
Variable Speed Drive 	TapOff / Busbar 	Control Device 	Ground / Earth 

002

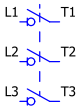
011

ROCKLABS		DO NOT SCALE IF IN DOUBT ASK	Bench Top RSD - Legend		PART NUMBER	
SCOTT TECHNOLOGY LTD	© THIS DRAWING IS THE PROPERTY OF ROCKLABS LTD.	TOLERANCE GUIDES: MACHINED FEATURES 2 DEC PLACES +/- 0.02 1 DEC PLACE +/- 0.1 0 DEC PLACES +/-0.5	MASS / DESIGNER J.Callaghan / DATE 01/04/2011	REV I	26/06/2012 - JC	
No. DATE REVISION BY			FINISH / SCALE@A3 1: 1		9010-001 - 010	
			MATERIAL / METRIC			

Naming Conventions

Tag Name → 100DSC0901 (Page No. | Identifier | Row | Occurence)

Symbol →



Part Details → Kraus & Naimer
40 A KG41

Wire Number → 150231 (Page No. | Row | Occurence)

Cable Number → 120102 (Page No. | Row | Occurence)

Identifiers

CBL	Cable
DSC	Disconnect Switch
CB	Circuit Breaker
TRN	Transformer
F	Fuse
PE_Bar	Earth Bar
CON	Contactor
BUS	Buss Bar
AUX	Auxilliary Contact
OL	Overload
MTR	Motor
SO	Socket Outlet
PL	Plug
HM	Hour Meter
LMP	Lamp
RLY	Relay
TMR	Timer
VSD	Variable Speed Drive
R	Resistor
PB	Push Button
PS	Pressure Switch
LIM	Limit Switch
TB	Terminal Block
POT	Potentiometer

Wire Colours

3 Phase; 400v -

3 Phase; 230v -

1 Phase; 230v -

1 Phase; Neutral -

24 vDC -

0 vDC -

Potentiometer -

Miscellaneous Controls -

Earth Potential -

010 — 100

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No.	DATE	REVISION	BY

DO NOT SCALE IF IN DOUBT ASK

TOLERANCE GUIDES: MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD - Naming Conventions / Wire

MASS | DESIGNER J.Callaghan | DATE 01/04/2011

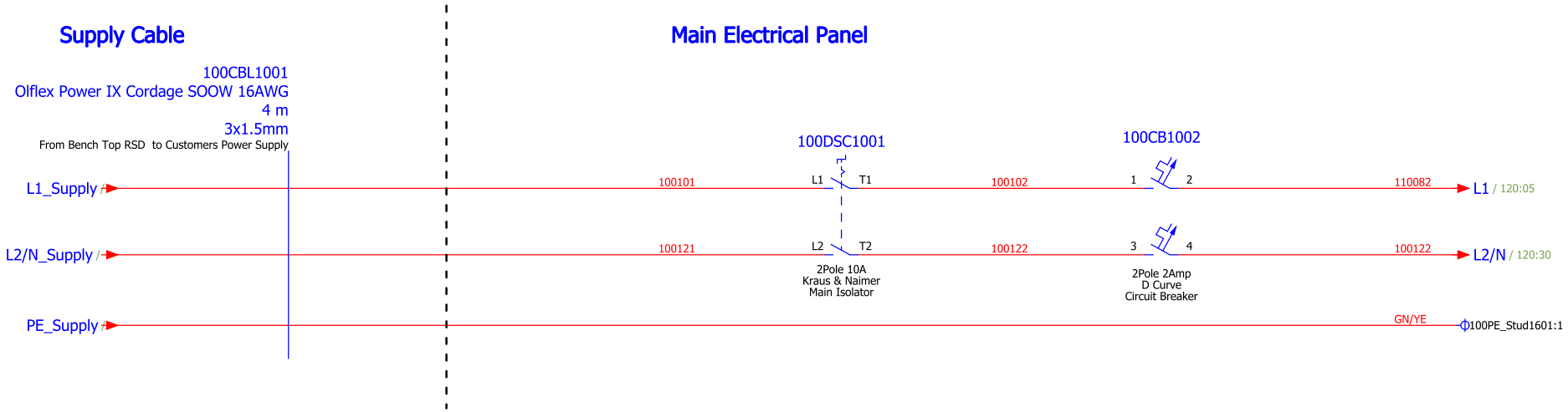
FINISH | SCALE@A3 1: 1

MATERIAL | METRIC

PART NUMBER

REV I 26/06/2012 - JC

9010-001 - 011



011

110

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No.	DATE	REVISION	BY
I	25/06/2012	Expand voltage range to include 208v and Update title page Amperage and Kilowatt	JC
H	08/06/2012	Remove supplementary parts page	JC
G	30/03/2012	Replaced 16mm gland with 20mm-302483, added 20mm locknut- 302484	EN

DO NOT SCALE
IF IN DOUBT ASK

TOLERANCE GUIDES:
MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD - Power Supply

MASS
FINISH
MATERIAL

DESIGNER J.Callaghan

DATE 01/04/2011

SCALE@A3 1: 1

METRIC

PART NUMBER

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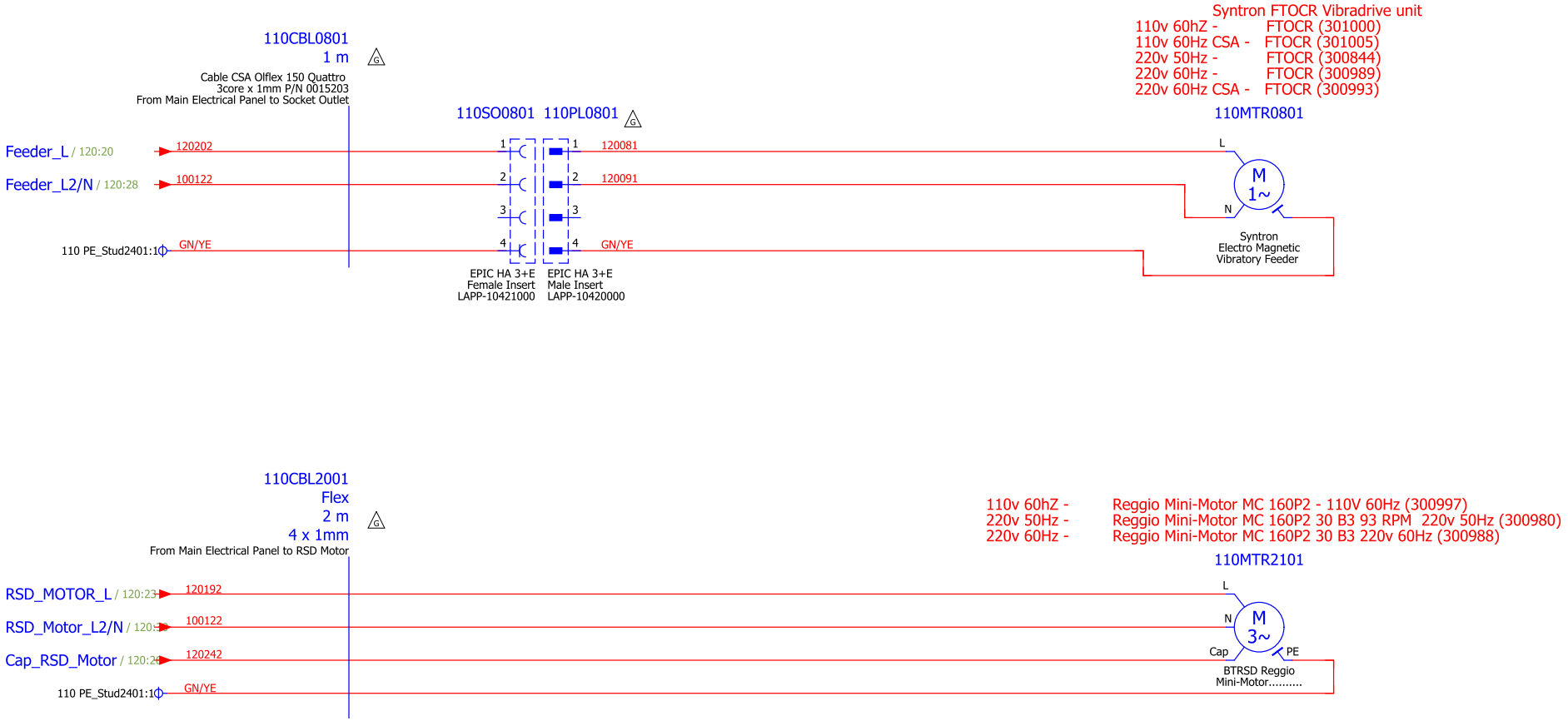
9010-001 - 100



100 120

ROCKLABS

SCOTT TECHNOLOGY LTD

No.	DATE	REVISION	BY
G	30/03/2012	Replaced 16mm gland with 20mm-302483, removed 20-16mm reducer-300058	EN
G	30/03/2012	Added Gland locknut-302482	EN
G	30/03/2012	Changed gland-302481	EN

DO NOT SCALE IF IN DOUBT ASK

TOLERANCE GUIDES: MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD - Feeder & RSD Motor

MASS | DESIGNER J.Callaghan | DATE 01/04/2011

FINISH | SCALE@A3 1: 1

MATERIAL | METRIC

PART NUMBER

REV I 26/06/2012 - JC

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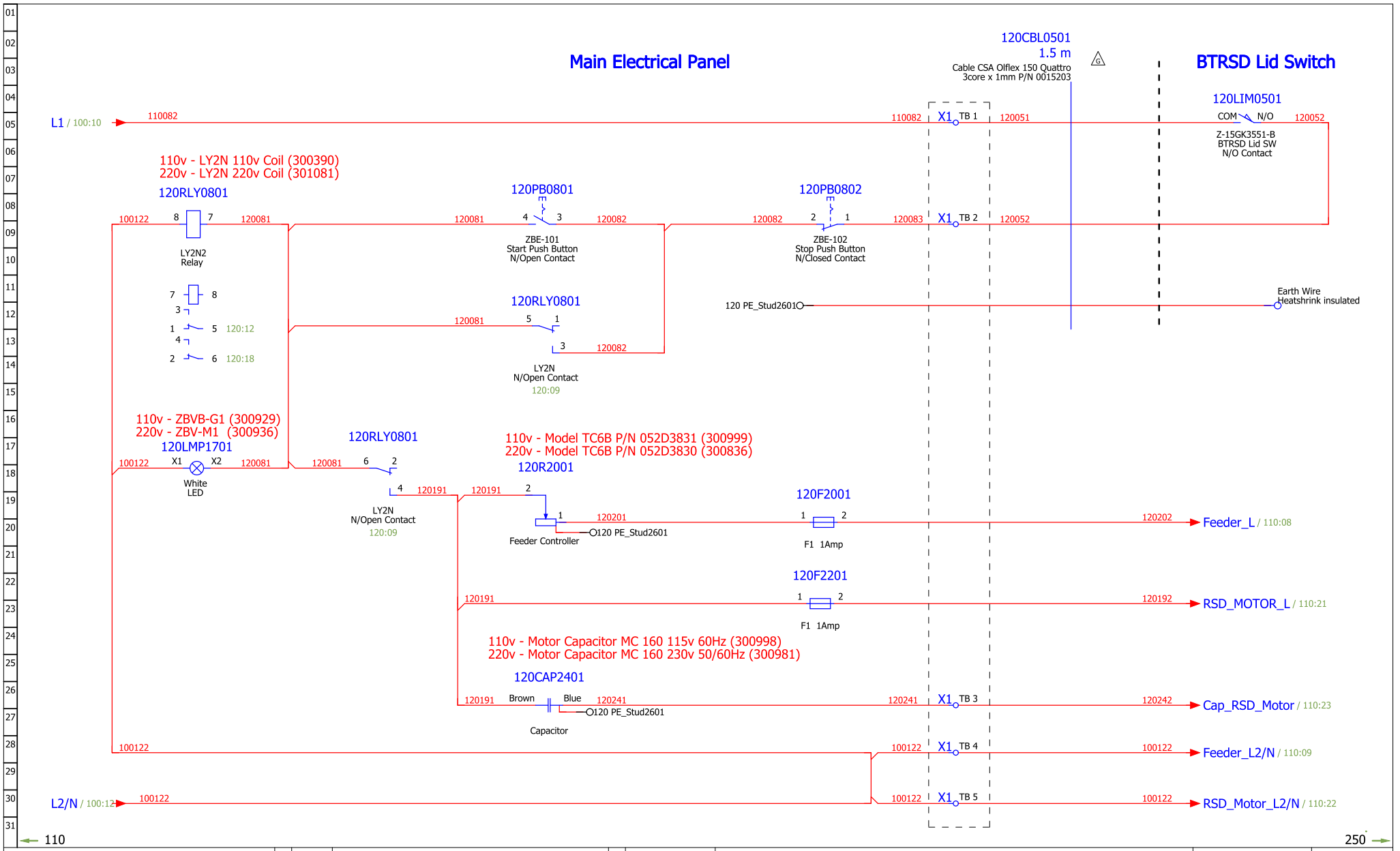

ROCKLABS

SCOTT TECHNOLOGY LTD

No.	DATE	REVISION	BY
G	30/03/2012	Added Gland locknut-302482	EN
G	30/03/2012	Changed gland-302481	EN

DO NOT SCALE IF IN DOUBT ASK

TOLERANCE GUIDES: MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD - Control Circuit

MASS | DESIGNER J.Callaghan | DATE 01/04/2011

FINISH | SCALE@A3 1: 1

MATERIAL | METRIC

PART NUMBER

REV I 26/06/2012 - JC

9010-001 - 120

Parts list

GZ_F01_001

Device Tag	Quantity	Designation	Vantage Part Number	Supplier	Part Description
120CAP2401	1	Capacitor	Select to Suit Power Supply	John Brooks	Motor Capacitor
100CB1002	1	Circuit Breaker (CSA)	302267	NHP	C/Breaker AB 2A D 2pole 1492 - SP2D020
100CBL1001	4	Power	303108	Lapp Kabel	Cordage S00W 16AWG - 3core x 1.5mm P/N 321603
100CBL1001	1	16mm Cord Grip	300053	Engineering Computer Services	Spiral Click Gland BS 20
100CBL1001	1	Nylon Cable Gland	302483	Engineering Computer Services	Gland Straight 20mm Black
100CBL1001	1	Locknut for Nylon Cable Gland	302484	Simpson's	Gland GN 20 Locknut
110CBL0801	1	Controls	300029	Engineering Computer Services	Cable CSA Olflex 150 Quattro - 3core x 1mm P/N 0015203
110CBL0801	1	Nylon Cable Gland	302481	Lapp Kabel	Gland Strait 16mm Black
110CBL0801	1	Locknut for Nylon Cable Gland	302482	Lapp Kabel	Gland Locknut 16mm Black
110CBL2001	2	Controls	300030	Lapp Kabel	Cable CSA Olflex Tray II - 4core x 1mm P/N 221804
110CBL2001	1	Nylon Cable Gland	302481	Lapp Kabel	Gland Strait 16mm Black
110CBL2001	1	Locknut for Nylon Cable Gland	302482	Lapp Kabel	Gland Locknut 16mm Black
120CBL0501	1	Controls	300029	Engineering Computer Services	Cable CSA Olflex 150 Quattro - 3core x 1mm P/N 0015203
120CBL0501	1	Nylon Cable Gland	302481	Lapp Kabel	Gland Strait 16mm Black
120CBL0501	1	Locknut for Nylon Cable Gland	302482	Lapp Kabel	Gland Locknut 16mm Black
100DSC1001	1	Main Isolator	300978	Simpson's	Isolator CA 10 A291*NZ1001 FT2
120F2001	1	Fuse Holder 5x20mm	300025	Lapp Kabel	Wieland Fuse Holder 5x20mm - WK 4/THSi 5 .../U
120F2001	1	Fuse 1A	300003	Simpson's	Fuse 1A Ceramic 5mm x 20mm RS-537-1458.
120F2201	1	Fuse Holder 5x20mm	300025	Lapp Kabel	Wieland Fuse Holder 5x20mm - WK 4/THSi 5 .../U
120F2201	1	Fuse 1A	300003	Simpson's	Fuse 1A Ceramic 5mm x 20mm RS-537-1458.
120LIM0501	1	Omron Basic (Limit) Switch	300001	Omron	Switch Basic Omron Z-15GK3551-B
120LIM0501	1	Omron Boot Enclosure	300004	Omron	Enclosure Boot AP-Z Omron
120LMP1701	1	LED White	Select to Suit Power Supply	Schneider	LED White
110MTR0801	1	Syntron FTOCR Vibradrive unit ....v ...Hz	Select to suit power supply	Syntechtron	Feeder Syntron FTOCR Vibradrive unit ....v ...Hz
110MTR2101	1	BTRSD Reggio Mini-Motor.....	Select to Suit Power Supply	John Brooks	Motor BTRSD Reggio Mini-Motor.....
120PB0801	1	Contact Block N/Open	300005	Schneider	Contact Block N/Open ZBE-101
120PB0801	1	Double Headed Spring Return Stop Start	300920	Schneider	Push Button Stop Start Double Headed Spring Return ZB5AW7L3741 Plastic
120PB0801	1	Body / Fixing Collar	300921	Schneider	Push Button Collar Body/Fixing Plastic ZB5AZ009
120PB0802	1	Normally Closed Contact Block	300006	Schneider	Contact Block N/Closed ZBE-102
110PL0801	1	3+E Male Insert	300041	Lapp Kabel	EPIC HA 3+E Male Insert
110PL0801	1	EPIC Hood	300038	Lapp Kabel	EPIC Hood Straight Entry
110PL0801	1	Nylon Cable Gland	302483	Engineering Computer Services	Gland Straight 20mm Black
120R2001	1	Potentiometer	Select to Suit Power Supply	Syntechtron	Feeder Controller Module ...v
120R2001	1	Potentiometer Knob	301427	Simpson's	Potentiometer Plastic Knob 35mm Screw Fit P7026
120R2001	1	Label Adhesive Round 0 - 10	301641	Permark	Label Adhesive Round 0 - 10
120RLY0801	1	Omron ..... vac 2 pole Relay	Select Specific	Omron	Relay LY2N ..... vac Omron
120RLY0801	1	Relay Base 8pin	300923	Omron	Relay Base 8pin PTF08A-E
110SO0801	1	3+E Female Insert	300042	Lapp Kabel	EPIC HA 3+E Female Insert
110SO0801	1	Panel Mount Base - Angled	300040	Lapp Kabel	EPIC Panel Mount Base - Angled
X1	5	Feed-through terminal	300020	Engineering Computer Services	Wieland Feed Through Block WK 4/U 0.5-6mm
X1	2	End Clamp	301438	Lapp Kabel	Wieland End Clamp TS35 with Screw WEF 1/35

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TOLERANCE GUIDES: MACHINED FEATURES
2 DEC PLACES +/- 0.02
1 DEC PLACE +/- 0.1
0 DEC PLACES +/-0.5

Bench Top RSD -Parts List

MASS | DESIGNER J.Callaghan | DATE 01/04/2011

FINISH | SCALE@A3 1: 1

MATERIAL | METRIC

PART NUMBER

REV I 26/06/2012 - JC

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