NOTE : TWO LAYERS MUST BE USED
PROTECTIVE BAG HANDLE

MATERIAL: PU (SYNTHETIC LEATHER)

FINISH: N/A

NAME: BAJ
SIGNATURE: 02/03/18

DO NOT SCALE DRAWING
REVISION: A

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M
(PLEASE SEE TOLERANCE TABLE)

Tolerance class | Designation | Description | 5.5 | 6.0 | 6.5 | 7.0 | 7.5 | 8.0 | 8.5 |
--- | --- | --- | --- | --- | --- | --- | --- | --- | ---
| | | | 1.0 | 1.0 | 1.5 | 1.5 | 2.0 | 2.0 | 2.5
| a | | | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0 | 4.5
| b | | | - | 1.5 | 2.0 | 2.5 | 3.0 | 3.5 | 4.0

WEIGHT: N/A

SCALE: 1:2

SHEET 1 OF 1
DRAWN: N/A
CHECKED: N/A
APPROVED: N/A
MANUFACTURED: N/A
DATE: N/A

MATERIAL: 1.5MM PVC

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)

DO NOT SCALE DRAWING

TITLE: GASKET

NAME: BAJ
SIGNATURE: 02/03/18
DATE: 02/03/18

MATERIAL: 1.5MM PVC

WEIGHT: N/A
SCALE: 1:2

FINISH: N/A

REVISION: A

DWG NO.: 004

FIELD READY

GASKET

Acceptable deviations

<table>
<thead>
<tr>
<th>Tolerance class</th>
<th>Diameter of sphere dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.5</td>
<td>0.05</td>
</tr>
<tr>
<td>1.0</td>
<td>1.05</td>
</tr>
</tbody>
</table>

VERIFIED: BAJ

DESIGNATION | DESCRIPTION
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5MM PVC</td>
<td>GASKET</td>
</tr>
</tbody>
</table>
NOTE: TWO LAYERS MUST BE USED

DETAIL A
SCALE 1 : 2

DETAIL B
SCALE 1 : 2

STITCH/WELD LINE (TBC)

FOLD LINE

STITCH/WELD LINE (TBC)

DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)
<table>
<thead>
<tr>
<th>Designation</th>
<th>Description</th>
<th>Tolerance class</th>
<th>Dimension of each dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>TOTAL</td>
<td>± 0.1</td>
<td>± 0.1, ±0.2</td>
</tr>
<tr>
<td>T</td>
<td>TOTAL</td>
<td>± 0.1</td>
<td>± 0.1, ±0.2</td>
</tr>
<tr>
<td>L1</td>
<td>Length</td>
<td>± 0.1</td>
<td>± 0.1, ±0.2</td>
</tr>
<tr>
<td>L2</td>
<td>Length</td>
<td>± 0.1</td>
<td>± 0.1, ±0.2</td>
</tr>
<tr>
<td>R</td>
<td>Radius</td>
<td>± 0.1</td>
<td>± 0.1, ±0.2</td>
</tr>
<tr>
<td>R</td>
<td>Radius</td>
<td>± 0.1</td>
<td>± 0.1, ±0.2</td>
</tr>
</tbody>
</table>

**Title:** REGULATOR

**DRAWN:** BAJ  15/08/18

**DO NOT SCALE DRAWING**

**UNLESS OTHERWISE SPECIFIED:**

**DIMENSIONS ARE IN MILLIMETERS**

**TOLERANCE CLASS:** M (PLEASE SEE TOLERANCE TABLE)

**MATERIAL:** MIXED

**DWG NO.:** 007

**SCALE:** 1:2

**FINISH:** N/A

**NAME**

**SIGNATURE**

**DATE**

**REVISION:** A

**Q.A.**

**WPG**

**WEIGHT:** N/A
NOTE: ⅜" BSP FEMALE CONNECTOR
NOTE: 3/8” BSP TO 1/4” BSP ADAPTOR

Tolerance class | Designation | Description | 6.35 | 5.08 | 3.81 | 2.38 | 1.52 | 1.02 | 0.63 |
--- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| | | | | | | | | | |
| | | | | | | | | |

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)

FINISH: N/A

NAME | SIGNATURE | DATE
--- | --- | ---
BAJ | 15/08/18 | 

TITLE: REGULATOR ADAPTOR

MATERIAL: BRASS

WEIGHT: N/A

SCALE: 2:1

REV: A

DRAWDCHAPPVDMFGQ.A

DRAWN CHK'D APPV'D MFG Q.A

NAME SIGNATURE DATE

A4 BRASS

009
NOTE: ¼" BSP FEMALE CONNECTOR
NOTE: ¼" BSP MALE CONNECTOR
NOTE: ¼” BSP FEMALE CONNECTOR

<table>
<thead>
<tr>
<th>Tolerance class</th>
<th>Designation</th>
<th>Description</th>
<th>Ø 5.5</th>
<th>Ø 7.5</th>
<th>Ø 9.6</th>
<th>Ø 11.2</th>
<th>Ø 13.4</th>
<th>Ø 15.8</th>
<th>Ø 18.3</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Ø 25.3</td>
<td>Ø 13.2</td>
<td>0.1</td>
<td>0.1</td>
<td>0.2</td>
<td>0.2</td>
<td>0.3</td>
<td>0.3</td>
<td>0.4</td>
</tr>
<tr>
<td>B</td>
<td>Ø 20.9</td>
<td>Ø 13.2</td>
<td>1.3</td>
<td>1.5</td>
<td>1.5</td>
<td>2.3</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>C</td>
<td>Ø 19.5</td>
<td>Ø 15.8</td>
<td>1.5</td>
<td>1.5</td>
<td>2.5</td>
<td>4</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)

MATERIAL: STEEL

FINISH: N/A
WEIGHT: N/A

NAME SIGNATURE DATE
DRAWN: BAJ 15/08/18
CHECKED: 
APPROVED: 
MANUFACTURED:
QUALITY:

SCALE - 1:1 SHEET 1 OF 1

DO NOT SCALE DRAWING
REVISION: A
**Title:** HOSE CLAMP

**Material:** Steel

**Scale:** 2:1

**Dimensions are in millimeters**

**Tolerance Class:** M (Please see Tolerance Table)

---

### Tolerance Table

<table>
<thead>
<tr>
<th>Designation</th>
<th>Description</th>
<th>Ø/Ø</th>
<th>Ø/Ø</th>
<th>Ø/Ø</th>
<th>Ø/Ø</th>
<th>Ø/Ø</th>
<th>Ø/Ø</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ø/Ø</td>
<td>Ø/Ø</td>
<td>Ø/Ø</td>
<td>Ø/Ø</td>
<td>Ø/Ø</td>
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<td>Ø/Ø</td>
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<td>Ø/Ø</td>
<td>Ø/Ø</td>
<td>Ø/Ø</td>
<td>Ø/Ø</td>
</tr>
</tbody>
</table>

**DO NOT SCALE DRAWING**

**REVISION:** A

**UNLESS OTHERWISE SPECIFIED:**

**DIMENSIONS ARE IN MILLIMETERS**

**TOLERANCE CLASS:** M (PLEASE SEE TOLERANCE TABLE)

---

**DRAWN:** BAJ

**SIGNATURE:** 15/08/18

**DATE:**

**TITLE:** HOSE CLAMP

**MATERIAL:** STEEL

**DWG NO.:** 013

**SCALE:** 2:1

**SHEET 1 OF 1**

---

**NAME SIGNATURE DATE**

**DRAWN:** BAJ

**CHECKED:** 15/08/18

**APPROVED:** 15/08/18

**MFG:**

**Q.A.:**

**WEIGHT:** N/A

---

**FIELD READY**

---

**FINISH:** N/A

**N/A**

---

**UNLESS OTHERWISE SPECIFIED:**

**DIMENSIONS ARE IN MILLIMETERS**

**TOLERANCE CLASS:** M (PLEASE SEE TOLERANCE TABLE)
**Title:** AIR HOSE

**Material:** POLYURETHANE

**Drawn:** BAJ

**Signature:**

**Date:** 15/08/18

**Scale:** 2:1

**Sheet:** 1 of 1

**Finish:** N/A

**Weight:** N/A

**Dimensions:**

- Diameter: 16 mm
- Length: 1 - 1.5 meters

**Tolerance Class:** M

**Thickness:**

- Inside diameter: 16.0 ± 0.1 mm
- Outside diameter: 17.1 ± 0.1 mm

**Numerical Data:**

<table>
<thead>
<tr>
<th>Tolerance Class</th>
<th>Diameter Dimension</th>
<th>Inside</th>
<th>Outside</th>
<th>Tolerance</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td>16.0 ± 0.1</td>
<td>16.0</td>
<td>16.1</td>
<td>± 0.1</td>
</tr>
<tr>
<td>R</td>
<td>17.1 ± 0.1</td>
<td>17.1</td>
<td>17.2</td>
<td>± 0.1</td>
</tr>
<tr>
<td>E</td>
<td>16.0 ± 0.1</td>
<td>16.0</td>
<td>16.1</td>
<td>± 0.1</td>
</tr>
<tr>
<td>V</td>
<td>17.1 ± 0.1</td>
<td>17.1</td>
<td>17.2</td>
<td>± 0.1</td>
</tr>
</tbody>
</table>

**Notes:**

- Dimensions are in millimeters
- Tolerance class M
- Unless otherwise specified, dimensions are in millimeters
- Tolerance table is included

**Drawing Information:**

- DRAWN: BAJ
- CHECKED: N/A
- APPrVED: N/A
- MFG: N/A
- Q.A: N/A

**Revision:** A

**DWG NO.:** 014

**A4 Polyurethane**
M12 WASHER

Designation: M12 WASHER

Dimensions:
- Outer diameter: 30.7 mm
- Inner diameter: 13.6 mm

Tolerance class: M

Material: STEEL

Unless otherwise specified, dimensions are in millimeters.

Table of dimensions:

<table>
<thead>
<tr>
<th>Tolerance class</th>
<th>0.5</th>
<th>0.6</th>
<th>1.0</th>
<th>1.2</th>
<th>1.5</th>
<th>2.0</th>
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</thead>
<tbody>
<tr>
<td>Tolerance value</td>
<td>+0.1</td>
<td>+0.2</td>
<td>+0.3</td>
<td>+0.3</td>
<td>+0.5</td>
<td>+0.5</td>
</tr>
</tbody>
</table>

Drawn by: BAJ
Checked by: N/A
Approved by: N/A

Finish: N/A
Weight: N/A

Scale: 2:1
Sheet: 1 of 1
NOTE: ¼" BSP PRESSURE GAUGE
**PUSH PULL VALVE**

**DIMENSIONS ARE IN MILLIMETERS**

**TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)**

<table>
<thead>
<tr>
<th>Material</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIXED</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Finish</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td></td>
<td>15/08/18</td>
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</tbody>
</table>

**DRAWN**

<table>
<thead>
<tr>
<th>Name</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAJ</td>
<td></td>
<td>15/08/18</td>
</tr>
</tbody>
</table>

**MATERIAL:**

**WEIGHT:** N/A

**SCALE:** 1:2

**SHEET 1 OF 1**

**DO NOT SCALE DRAWING**

**REV: A**
NOTE: ¼" BSP BLANKING PLUG
NOTE: ¼" BSP TEE

UNITLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)
CONROL BOX FRONT

Tolerance class

<table>
<thead>
<tr>
<th>Designation</th>
<th>Tolerance</th>
<th>Deviation from base dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>±0.6</td>
<td>±1.2 mm</td>
</tr>
<tr>
<td>F</td>
<td>±0.5</td>
<td>±1.0 mm</td>
</tr>
<tr>
<td>E</td>
<td>±0.3</td>
<td>±0.6 mm</td>
</tr>
<tr>
<td>D</td>
<td>±0.2</td>
<td>±0.4 mm</td>
</tr>
<tr>
<td>C</td>
<td>±0.1</td>
<td>±0.2 mm</td>
</tr>
<tr>
<td>B</td>
<td>±0.1</td>
<td>±0.1 mm</td>
</tr>
<tr>
<td>A</td>
<td>±0.1</td>
<td>±0.1 mm</td>
</tr>
</tbody>
</table>

Material: MDF

Finish: N/A

Weight: N/A

Scale: 1:3

Drawing: A

Title: CONROL BOX FRONT

Drawn: BAJ

Checked: 15/08/18

Approved: 15/08/18

Control Box

Front
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
TOLERANCE CLASS: M (PLEASE SEE TOLERANCE TABLE)

TITLE: CONTROL BOX BASE

MATERIAL: MDF

DWG NO.: 024

SCALE: 1:3
Tolerance class | Designation | Description | Permissible variations
--- | --- | --- | ---
In field | | | |
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DWG NO.</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>CONTROL BOX BASE</td>
<td>024</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>CONTROL BOX REAR</td>
<td>022</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>CONTROL BOX FRONT</td>
<td>021</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>CONTROL BOX TOP</td>
<td>023</td>
<td>1</td>
</tr>
<tr>
<td>5</td>
<td>CONTROL BOX SIDES</td>
<td>025</td>
<td>2</td>
</tr>
</tbody>
</table>

**TOLERANCE CLASS:** M (PLEASE SEE TOLERANCE TABLE)

**MATERIAL:** A4MDF (6MM)

**DO NOT SCALE DRAWING**

**UNLESS OTHERWISE SPECIFIED:**
- DIMENSIONS ARE IN MILLIMETERS
- TOLERANCES ARE IN MILLIMETERS

**FINISH:** N/A

**NAME** | **SIGNATURE** | **DATE**
----------|---------------|----------
BAJ        |               | 15/08/18  

**TITLE:** CONTROL BOX EXT ASSEMBLY

**DRAWN** | **CHECKED** | **APPROVED** | **MFG** | **Q.A.**
----------|-------------|-------------|---------|---------
BAJ        |             |             |         |         

**WEIGHT:** N/A

**SCALE:** 1:5

**DRAWING REVISION:** A

**SHEET:** 1 OF 1
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DWG NO.</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>BLANKING PLUG</td>
<td>018</td>
<td>4</td>
</tr>
<tr>
<td>2</td>
<td>TEE</td>
<td>019</td>
<td>5</td>
</tr>
<tr>
<td>3</td>
<td>FEMALE CONNECTOR</td>
<td>012</td>
<td>3</td>
</tr>
<tr>
<td>4</td>
<td>HEX CONNECTOR</td>
<td>010</td>
<td>9</td>
</tr>
<tr>
<td>5</td>
<td>ELBOW</td>
<td>020</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>PUSH PULL VALVE</td>
<td>017</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>PRESSURE GAUGE</td>
<td>016</td>
<td>2</td>
</tr>
</tbody>
</table>
**NOTE:** THREE HOSE ASSEMBLIES PER SET

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NAME</th>
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<th>QTY.</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>AIR HOSE</td>
<td>014</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FEMALE CONNECTOR</td>
<td>012</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>MALE CONNECTOR</td>
<td>011</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>HOSE CLAMP</td>
<td>013</td>
<td>2</td>
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</table>