

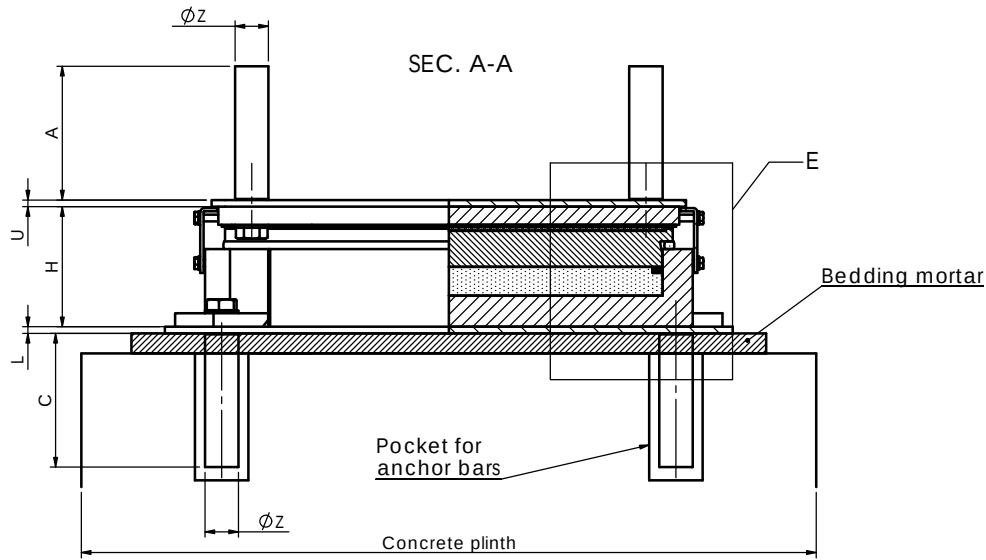
V- Max Sliding Multidirectional Pot Bearing  
Position: -

| Type                                  | Q.ty | Code   | Max. Design Loads [kN] |        |           | Movement [mm] |        | Total Rotation [mrad] | Weight [Kg]                  |
|---------------------------------------|------|--------|------------------------|--------|-----------|---------------|--------|-----------------------|------------------------------|
|                                       |      |        | VERT.                  | HORIZ. | UPLIFTING | LONG.         | TRANS. |                       |                              |
| AGPM                                  | -    | AASHTO | SLS -<br>ULS -         | -      | -         | ±             | ±      | ±20                   | -                            |
| AGOM International Reference: XX-XXXX |      |        |                        |        |           |               |        |                       | Irreversible Rotation ± mrad |

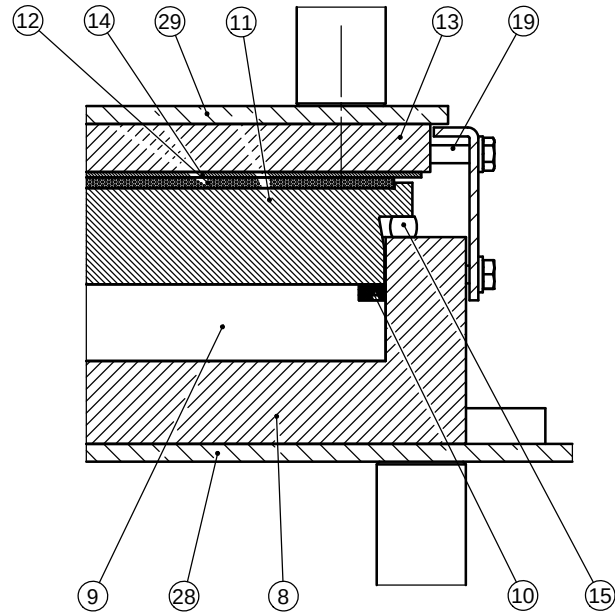
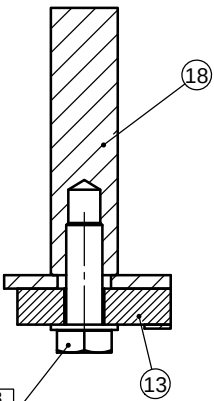
BEARING NAME

**N<sub>Rd</sub>** = design vertical load  
**v<sub>x,d</sub>** = design (total) longitudinal movement  
**v<sub>y,d</sub>** = design (total) transversal movement

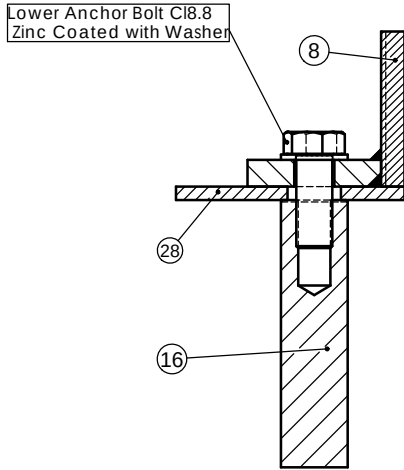
V-Max AGPM (**N<sub>Rd</sub>**) / (**v<sub>x,d</sub>**) / (**v<sub>y,d</sub>**)  
e.g.: V-Max AGPM 3000/100/50



SEC. C-C



SEC. B-B



|                 |                  |
|-----------------|------------------|
| P= PRESET VALUE |                  |
| <b>Legend</b>   |                  |
| ---             | POT Axis         |
| ----            | Upper Plate Axis |

|                                                               |                                                                |
|---------------------------------------------------------------|----------------------------------------------------------------|
| NOTE A: PROTECTIVE ANTICORROSION CYCLE ACCORDING TO EN 1337-9 |                                                                |
| 1 Sand-blasting at white metal SA2.5                          |                                                                |
| 2 Bicomponent epoxidic covering at high thickness             | Silver Grey color RAL7001                                      |
| Minimum thickness dry film                                    | a) Exposed surface: 250 micron                                 |
|                                                               | b) Worked surfaces and contact surfaces of concrete: 70 micron |

FOR POT BEARING HEIGHT THE TOLERANCE IS: ACCORDING TO AASHTO LRFD  
FOR STRUCTURAL DETAILS AND DIMENSIONS SEE THE CALCULATION REPORT  
BEARINGS ARE REPLACEABLE BY MINIMUM DECK JACKING 5 mm

The sliding plates of bearings shall be supported by temporary tools while casting the deck, in order to avoid unwanted rotations and movements

|      |          |                       |                                |      |
|------|----------|-----------------------|--------------------------------|------|
| 29   | 1        | Upper Counterplate    | S275JR - EN10025               | A    |
| 28   | 1        | Lower counterplate    | S275JR - EN10025               | A    |
| 19   | 2        | Temporary fixing      | S235JR (Red Painted) - EN10025 | -    |
| 18   | 4        | Upper Anchor Bar      | S275JR - EN10025               | -    |
| 17   | 4        | Lower Anchor Plate    | S275JR - EN10025               | A    |
| 16   | 4        | Lower Anchor Bar      | S275JR - EN10025               | -    |
| 15   | 1        | Seal                  | Neoprene Exp.                  | -    |
| 14   | 1        | Sliding Surface       | ASI 316 Sheet Metal            | -    |
| 13   | 1        | Upper Plate           | S355JR - EN10025               | A    |
| 12   | 1        | Antifriction Plate    | Virgin PTFE - AASHTO           | -    |
| 11   | 1        | Piston                | S355JR - EN10025               | A    |
| 10   | 3        | Anti-Extrusion Gasket | ASTM B 36M (half hard)         | -    |
| 9    | 1        | Rubber Element        | CR 50 ShA - AASHTO             | -    |
| 8    | 1        | Basement              | S355JR - EN10025               | A    |
| Pos. | Quantity | Part Name             | Material                       | Note |

|          |             |            |                 |                    |                |
|----------|-------------|------------|-----------------|--------------------|----------------|
| Revision | 00          | Object     | FIRST ISSUE     | Date Last modified | 23/09/2014     |
| Drawn by | Gianni Ruco | Checked by | Daniele Colombo | Approved by        | Marco Battaini |

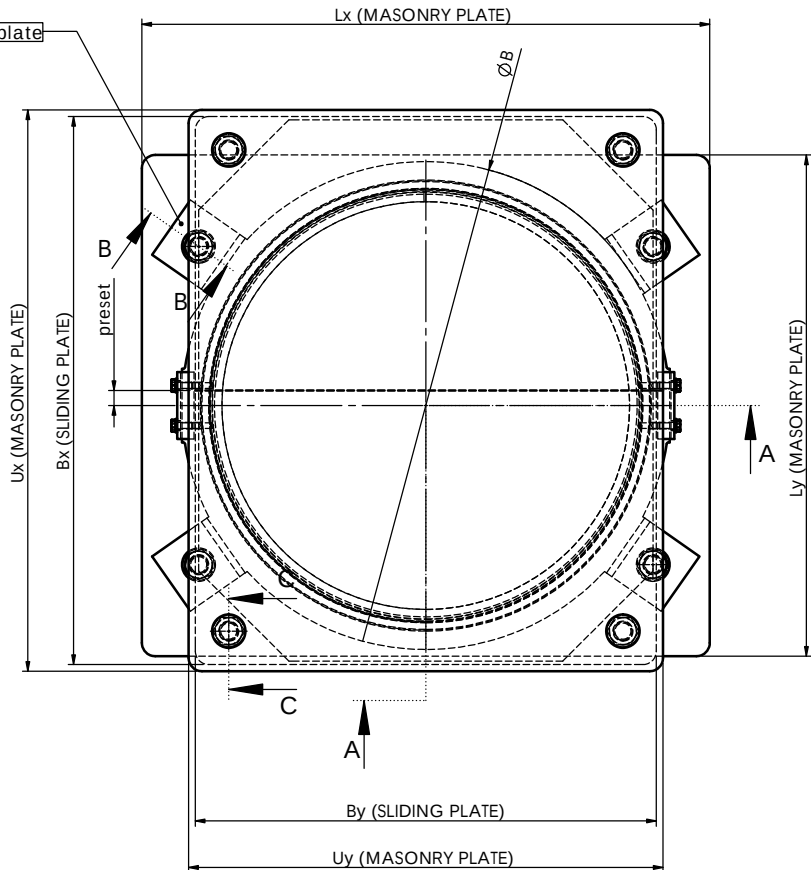
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|--------------------------------------------------|---------------------------------------------------------------|
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|--------------------------------------------------|---------------------------------------------------------------|

|                                             |                |         |       |     |
|---------------------------------------------|----------------|---------|-------|-----|
| V-Max type AGPM<br>Free sliding pot bearing | Drawing number | 01622CD | Scale | 1:8 |
|---------------------------------------------|----------------|---------|-------|-----|

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LONGITUDINAL AXIS

FIXED POINT



TRANSVERSAL AXIS

