# DATA SHEET

## TOP X CHANNEL

**PRODUCT DESCRIPTION :** Linear drainage channel for light loads (see load class table on the next page), equipped with galvanized steel and polypropylene.



Model shown: HAU44300

**FUNCTION :** Perpendicular collection across the full width of a drainage surface

**MANUFACTURING STANDARD :** EN 1433 - hydraulic channels for pedestrian and vehicle traffic areas - classification, requirements, construction and testing principles, marking and conformity evaluation.

**RAW MATERIAL :** Channel : recycled polypropylene (PP)
Grate: galvanized steel or polyamide

**TECHNICAL DATA :** Length of channel-grate assembly: 1 m (3.28 ft)
Structural strength* : EN 1433 : Load class A15 (15 kN)



Model shown: HAU44320

**AVAILABLE ACCESSORIES :** Installation kit for TOP X 100 channel (HAU44343)
Corner unit universal for TOP X 137mm (HAU44360)
*For special accessory requirements not listed, contact your Soleno representative.*

## TECHNICAL DATA TABLE(1)

| | CHANNEL | | | | | | GRATES | | | | | | | ASSEMBLY Channel and grate | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Internal dimensions | | | | Max. dia. | | | | | Openings | | | | | | |
| | Width | | Depth | | Vertical connection(3) | | Load class | Patterns | Material | Dimensions | | Total area | | Mass | | Item number |
| | mm | in | mm | in | mm | in | kN | | | mm | in | $cm^2$ | $in^2$ | kg | lb | |
| TOP X | 90 | 3,54 | 60 | 2,4 | 75 | 3 | A15 | Slotted cover(2) | Galv. Steel | 78 x 9 | 3,1 x 0,4 | 256 | 39,7 | 2,0 | 4,4 | HAU44300 |
| | 90 | 3,54 | 60 | 2,4 | 75 | 3 | A15 | Mesh grating(2) | Polypropylene | 21 x 8 | 0,8 x 0,3 | 509 | 78,9 | 1,6 | 3,5 | HAU44320 |

Note 1 : For any dimensions not shown in the above table, please refer to the product technical drawing available at soleno.com or contact your Soleno representative.
Note 2 : Grate is Conform to Americans with disabilities Act (www.ada.gov).
Note 3 : The vertical connection must be drilled in on construction site according to the specifications on the product's technical drawing and the instructions in the installation guide available at soleno.com. An installation kit or corner unit universal must be used to connect the channel. The vertical connection diameter then becomes 100 mm (4 in).

**APPLICATION :** Linear collection

**INSTALLATION :** Visit our website at soleno.com for the installation guide.

# DATA SHEET

## LOAD CLASS

As per standard EN 1433

|  |  |  |  |  |  |
|---|---|---|---|---|---|
| **A15** | **B125** | **C250** | **D400** | **E600** | **F900** |
| 15 kN | 125 kN | 250 kN | 400 kN | 600 kN | 900 kN |
| 3 372 lb | 28 100 lb | 56 200 lb | 89 920 lb | 134 800 lb | 202 320 lb |
| • Bicycle paths<br>• Residential<br>• Private pedestrian areas | • Parks<br>• Private parking<br>• Public pedestrian areas | • Commercial development<br>• Indoor and outdoor public parking | • Road traffic<br>• Highways | • Industrial areas<br>• Roads and highways (heavy-duty loads)<br>• Industrial traffic | • Landing strips<br>• Heavy wheel loads<br>• Military bases and naval ports |