

# H4 ABOVE GROUND hydrant

Rigid type, PN 16

hawle

## Technical features

**Standard:** ÖNORM (Austrian standard)  
F 2010 - EN 14384, EN 1074-6

**Max. operating pressure:** 16 bar

**Standard pipe cover:** 1,50 m  
(on request 1,25 m and 1,00 m possible)

**Rate of flow:** Rate of flow Q (m³/h) at a differential pressure of 1 bar is for all HAWLE-H4 hydrants higher than requested by ÖNORM F 2010 and EN 14384

**Remaining water content:** < EN 1074-6

- Flange sized and drilled according to EN 1092-2 | PN 16

## Material

**Hydrant head:** made of ductile iron, epoxy powder- + UV resistant coated RAL 9006

**Stand pipe:** thick walled steel pipe, galvanised, UV resistant coated RAL 5003

**Operating controls:** stainless steel

**Base:** made of ductile iron, epoxy powder-coated RAL 5012

## Suitable accessories

**Suitable accessories:** see page H 1/2

Hawle drainage pipe No. 5067  
Flanged duck foot bend No. 5045, No. 5046, No. 5049, No. 7981  
Operating key No. 3460, No. 3461  
Flat gasket No. 3390  
Bolts No. 8810, No. 8830, No. 8840

**No. 5051H4**  
**No. 5053H4**



| Order No. | DN  | Outlet |   |   | Weight |
|-----------|-----|--------|---|---|--------|
|           |     | A      | B | C |        |
| 5051H4*   | 80  |        | 1 | 2 | 71,0   |
| 5053H4*   |     |        | 2 |   | 70,5   |
| 5051H4    | 100 | 1      | 2 |   | 72,0   |
| 5053H4    |     |        | 2 |   | 71,0   |
| 5051H4    | 150 | 1      | 2 |   | 78,0   |

\* ÖVGW (Austrian Association for Gas and Water) tested

## Application example

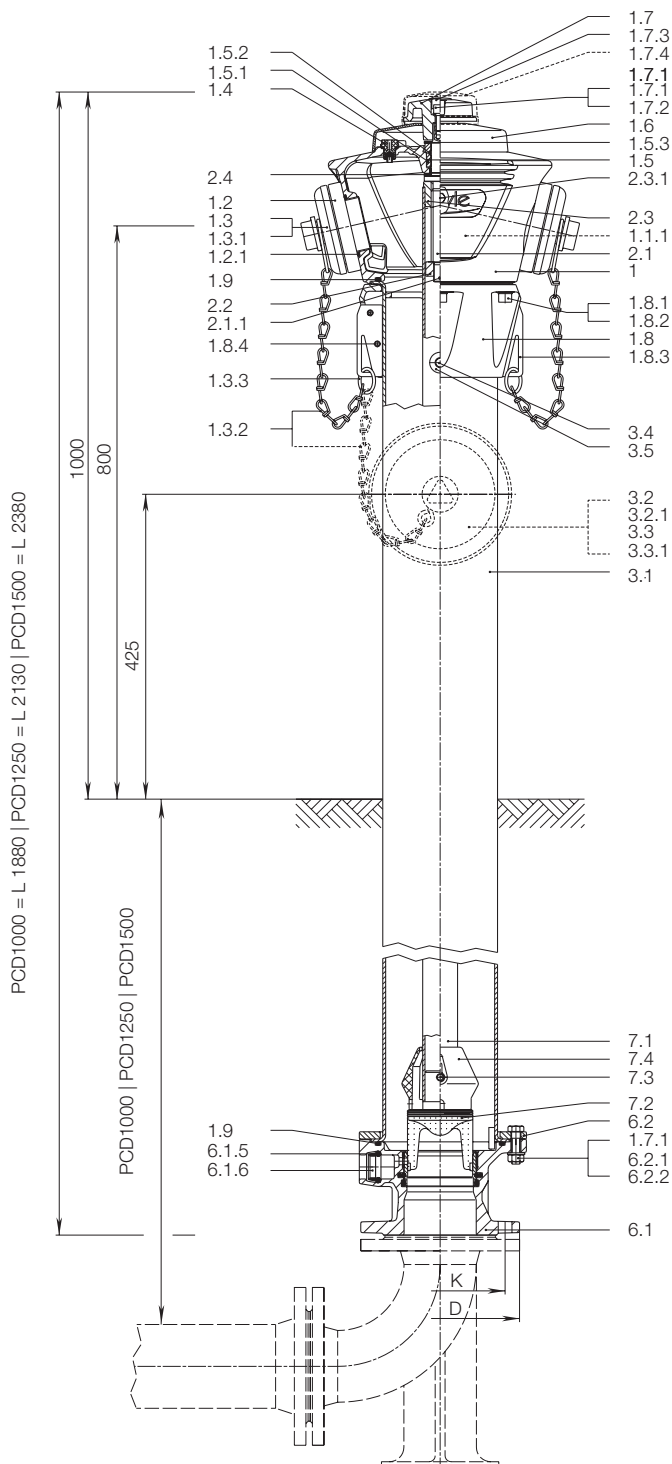


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**H 4/1**

# H4 ABOVE GROUND hydrant

Rigid type, PN 16



Upper coupling connecting angle 77°

| DN  | Outlet |   |   | Pipe cover | Base flange                              |     |     |       |
|-----|--------|---|---|------------|------------------------------------------|-----|-----|-------|
|     | A      | B | C |            | sized and drilled according to EN 1092-1 |     |     |       |
|     |        |   |   | PCD        | DN                                       | D   | K   | Bolts |
| 80  | 1      | 2 | 2 | 1,50 m     | 80                                       | 200 | 160 | M 16  |
|     | 1      | 2 | 2 | 1,25 m     | 100                                      | 220 | 180 |       |
| 100 | 1      | 2 | 2 | 1,00 m     | 100                                      | 220 | 180 | M 20  |
|     | 1      | 2 | 2 | 1,50 m     | 150                                      | 285 | 240 |       |

|              | Parts                                                                            | Material        |
|--------------|----------------------------------------------------------------------------------|-----------------|
| <b>1</b>     | Hydrant head                                                                     | ductile iron    |
| <b>1.1.1</b> | Identification plate                                                             | metallic foil   |
| <b>1.2</b>   | DN 80 C coupling DIN 14317 - C1 52 mm<br>DN 100 B coupling DIN 14318 - B1 75 mm  | Al              |
| <b>1.2.1</b> | DN 80 O-ring 64 x 4<br>DN 100 O-ring 79 x 4                                      | elastomer       |
| <b>1.3</b>   | DN 80 C cap DIN 14317 - C 4<br>DN 100 B cap DIN 14318 - B 4                      | Al              |
| <b>1.3.1</b> | DN 80 C flat seal ring DIN 14317 - C3<br>DN 100 B flat seal ring DIN 14318 - B3  | elastomer       |
| <b>1.3.2</b> | Chain with S-hooks                                                               | stainless steel |
| <b>1.3.3</b> | Ring for chain                                                                   | stainless steel |
| <b>1.4</b>   | Air valve                                                                        | POM             |
| <b>1.5</b>   | O-ring bush                                                                      | brass           |
| <b>1.5.1</b> | O-ring 32 x 4                                                                    | elastomer       |
| <b>1.5.2</b> | O-ring 25 x 3,5                                                                  | elastomer       |
| <b>1.5.3</b> | Friction washer                                                                  | POM             |
| <b>1.6</b>   | Cap                                                                              | Al              |
| <b>1.7</b>   | Operating nut                                                                    | Al              |
| <b>1.7.1</b> | Washer A 13                                                                      | stainless steel |
| <b>1.7.2</b> | Allen bolt M 12 x 30                                                             | stainless steel |
| <b>1.7.3</b> | Isolating cap                                                                    | PE              |
| <b>1.7.4</b> | Theft safety device                                                              | Polystyrene     |
| <b>1.8</b>   | Head flange for hydrant head                                                     | Al              |
| <b>1.8.1</b> | Washer A 13                                                                      | stainless steel |
| <b>1.8.2</b> | Allen bolt M 12 x 40                                                             | stainless steel |
| <b>1.8.3</b> | Fixing strap                                                                     | stainless steel |
| <b>1.8.4</b> | Brace 8 x 16                                                                     | stainless steel |
| <b>1.9</b>   | O-ring 170 x 6                                                                   | elastomer       |
| <b>2.1</b>   | Spindle rigid                                                                    | stainless steel |
| <b>2.1.1</b> | Pin 4 x 25                                                                       | stainless steel |
| <b>2.2</b>   | Stop nut                                                                         | stainless steel |
| <b>2.3</b>   | Stem nut                                                                         | brass           |
| <b>2.3.1</b> | Hexagonal bolt M 8 x 10                                                          | stainless steel |
| <b>2.4</b>   | Friction washer                                                                  | POM             |
| <b>3.1</b>   | Standpipe                                                                        | steel           |
| <b>3.2</b>   | DN 80 B coupling DIN 14318 - B1 75 mm<br>DN 100 A coupling DIN 14319 - A1 110 mm | Al              |
| <b>3.2.1</b> | DN 80 O-ring 79 x 4<br>DN 100 O-ring 116 x 4                                     | elastomer       |
| <b>3.3</b>   | DN 80 B cap DIN 14318 - B4<br>DN 100 A cap DIN 14319 - A4                        | Al              |
| <b>3.3.1</b> | DN 80 B flat seal ring DIN 14318 - B3<br>DN 100 A flat seal ring DIN 14319 - A3  | elastomer       |
| <b>3.4</b>   | Guide pin                                                                        | stainless steel |
| <b>3.5</b>   | Guide bush                                                                       | POM             |
| <b>6.1</b>   | Base                                                                             | ductile iron    |
| <b>6.1.5</b> | O-ring 30,3 x 7,5                                                                | elastomer       |
| <b>6.1.6</b> | Grip ring                                                                        | POM             |
| <b>6.2</b>   | Head flange for base                                                             | steel           |
| <b>6.2.1</b> | Hexagonal bolt M 12 x 45                                                         | stainless steel |
| <b>6.2.2</b> | Hexagonal nut M 12                                                               | stainless steel |
| <b>7.1</b>   | Operating pipe                                                                   | stainless steel |
| <b>7.2</b>   | Valve plug                                                                       | brass/elastomer |
| <b>7.3</b>   | Securing pin for valve plug                                                      | stainless steel |
| <b>7.4</b>   | Flow former                                                                      | PE              |

H 4/2



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