

H4 Above ground hydrant

Rigid type, PN 16



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
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	

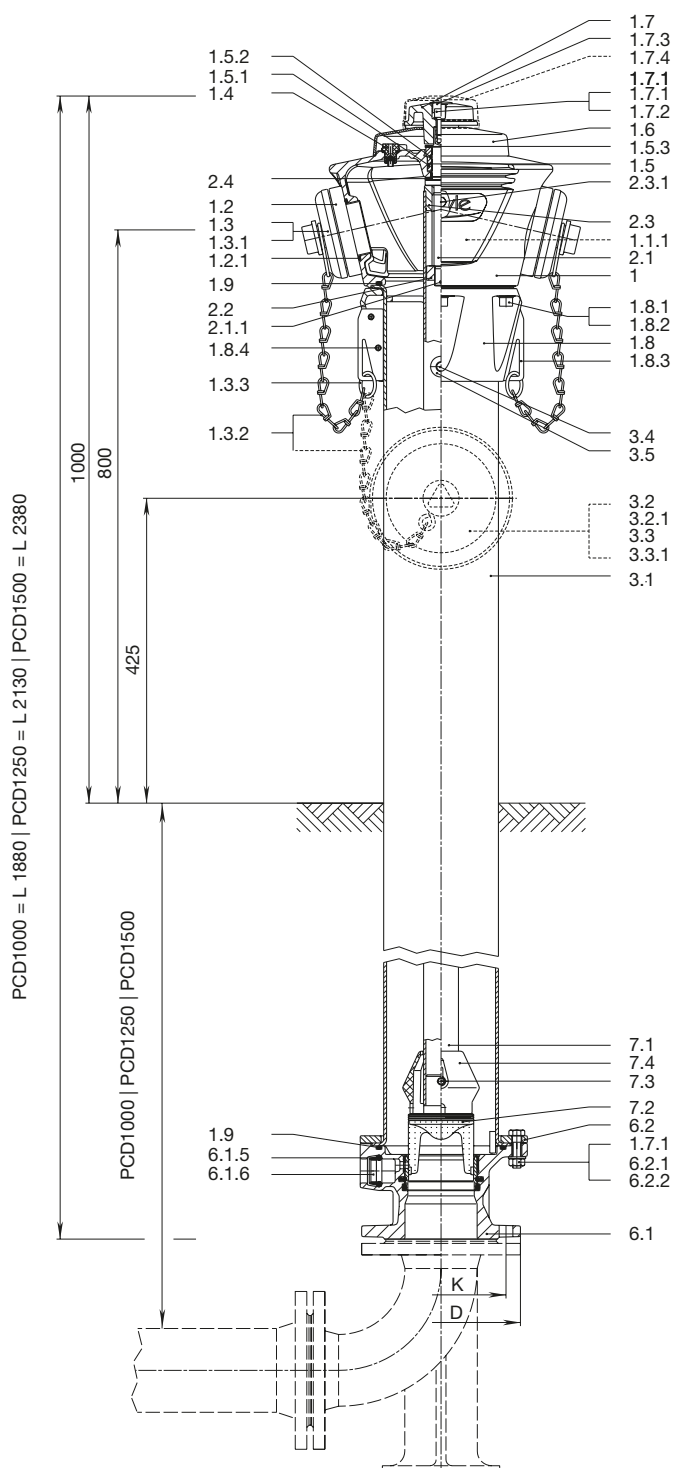
* ÖVGW (Austrian Association for Gas and Water) tested

Application example



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Upper coupling connecting angle 77°

DN	Outlet			Pipe cover	Base flange sized and drilled according to EN 1092-1				Qty.
	A	B	C		DN	D	K	Bolts	
80	1	2	2	1,50 m	80	200	160	M 16	8
		2	2						
100	1	2	2	1,25 m	100	220	180	M 16	8
		2	2						
150	1	2	2	1,00 m	150	285	240	M 20	8

	Parts	Material
1	Hydrant head	ductile iron
1.1.1	Identification plate	metallic foil
1.2	DN 80 C coupling DIN 14317 - C1 52 mm DN 100 B coupling DIN 14318 - B1 75 mm	Al
1.2.1	DN 80 O-ring 64 x 4 DN 100 O-ring 79 x 4	elastomer
1.3	DN 80 C cap DIN 14317 - C 4 DN 100 B cap DIN 14318 - B 4	Al
1.3.1	DN 80 C flat seal ring DIN 14317 - C3 DN 100 B flat seal ring DIN 14318 - B3	elastomer
1.3.2	Chain with S-hooks	stainless steel
1.3.3	Ring for chain	stainless steel
1.4	Air valve	POM
1.5	O-ring bush	brass
1.5.1	O-ring 32 x 4	elastomer
1.5.2	O-ring 25 x 3.5	elastomer
1.5.3	Friction washer	POM
1.6	Cap	Al
1.7	Operating nut	Al
1.7.1	Washer A 13	stainless steel
1.7.2	Allen bolt M 12 x 30	stainless steel
1.7.3	Isolating cap	PE
1.7.4	Theft safety device	Polystyrene
1.8	Head flange for hydrant head	Al
1.8.1	Washer A 13	stainless steel
1.8.2	Allen bolt M 12 x 40	stainless steel
1.8.3	Fixing strap	stainless steel
1.8.4	Brace 8 x 16	stainless steel
1.9	O-ring 170 x 6	elastomer
2.1	Spindle rigid	stainless steel
2.1.1	Pin 4 x 25	stainless steel
2.2	Stop nut	stainless steel
2.3	Stem nut	brass
2.3.1	Hexagonal bolt M 8 x 10	stainless steel
2.4	Friction washer	POM
3.1	Standpipe	steel
3.2	DN 80 B coupling DIN 14318 - B1 75 mm DN 100 A coupling DIN 14319 - A1 110 mm	Al
3.2.1	DN 80 O-ring 79 x 4 DN 100 O-ring 116 x 4	elastomer
3.3	DN 80 B cap DIN 14318 - B4 DN 100 A cap DIN 14319 - A4	Al
3.3.1	DN 80 B flat seal ring DIN 14318 - B3 DN 100 A flat seal ring DIN 14319 - A3	elastomer
3.4	Guide pin	stainless steel
3.5	Guide bush	POM
6.1	Base	ductile iron
6.1.5	O-ring 30.3 x 7.5	elastomer
6.1.6	Grip ring	POM
6.2	Head flange for base	steel
6.2.1	Hexagonal bolt M 12 x 45	stainless steel
6.2.2	Hexagonal nut M 12	stainless steel
7.1	Operating pipe	stainless steel
7.2	Valve plug	brass/elastomer
7.3	Securing pin for valve plug	stainless steel
7.4	Flow former	PE