H4 Above ground hydrant
Break away, PN 16

Technical features

Standard: **ÖNORM F 2010 - EN 14384, EN 1074-6 with break-away line**

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 (m^3/h) at a differential
$K_v[m^3/h]$ 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, coated with epoxy powder and UV resistant RAL 9006

Stand pipe: galvanised thick walled steel pipe coated with UV resistant 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. 5095H4
No. 5096H4

ÖVGW GEPRÜFT

Design Award Winner 2001

Order No.	DN	Outlet A	Outlet B	Outlet C	Weight	
5095H4*	80		1	2	82,0	
5096H4*			2		78,0	
5095H4	100	1	2		85,0	
5096H4			2		81,0	
5095H4	150	1	2		94,0	

* ÖVGW (Austrian Association for Gas and Water) tested

Application example

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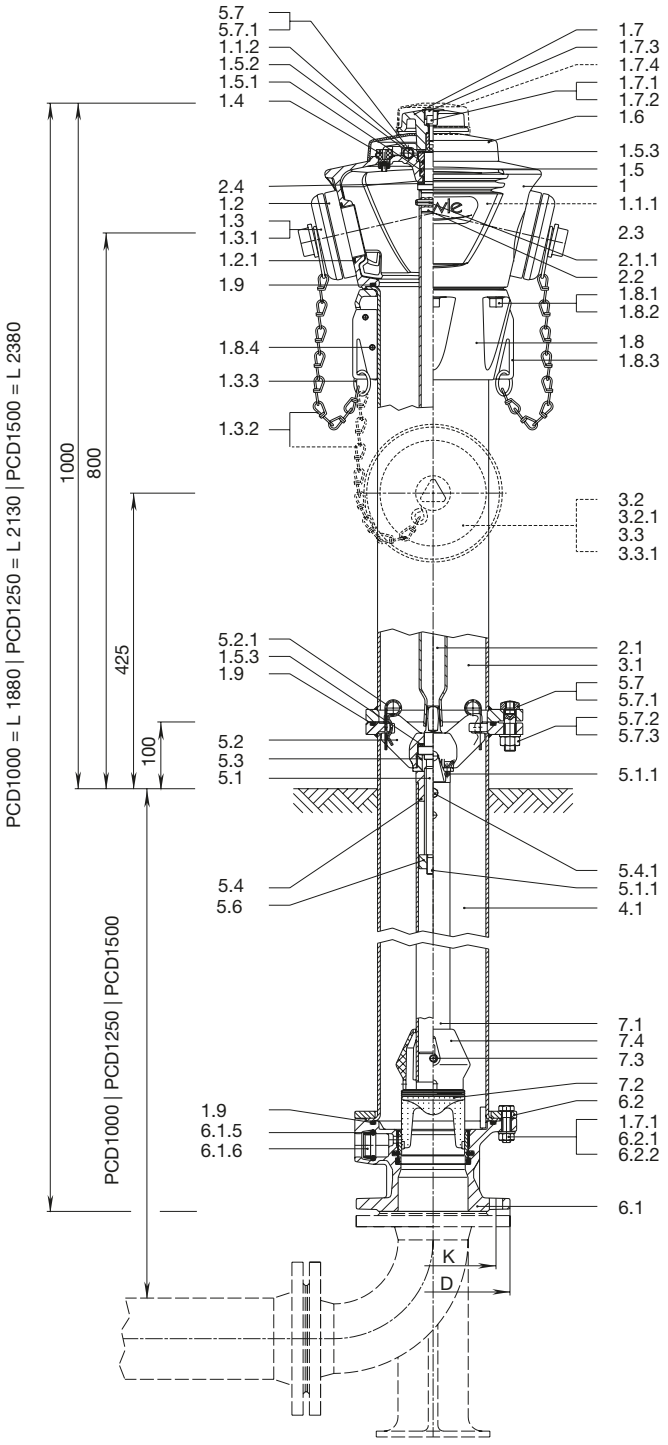

Upper coupling connecting angle 77°

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

	Parts	Material
1	Hydrant head	ductile iron
1.1.1	Indentification plate	metallic foil
1.1.2	Bolt fastener	elastomer
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 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	Extension spindle	stainless steel
2.1.1	Brace 8 x 50	stainless steel
2.2	Pin	stainless steel
2.4	Friction washer	POM
3.1	Stand pipe	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
4.1	Stand pipe	steel
5.1	Spindle break away	stainless steel
5.1.1	Pin 4 x 25	stainless steel
5.2	Spindle housing	brass
5.2.1	Spring clip	stainless steel
5.3	Securing bush	POM
5.4	Stem nut	brass
5.4.1	Hexagonal bolt M 8 x 10	stainless steel
5.6	Stop nut	stainless steel
5.7	Hexagonal bolt for breaking point M 16 x 60	stainless steel
5.7.1	Plug for bolt	PE
5.7.2	Washer A 17	stainless steel
5.7.3	Hexagonal nut M 16	stainless steel
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