H4 Above Ground Hydrant - rigid type

Standard:	**ÖNORM F 2010 — DIN 3222**
Tested acc. to:	ÖVGW / DVGW
Max. working pressure:	16 bar
Standard pipe cover:	1,50 m (on request 1,25 or 1,00 m possible)
Remaining water content:	"0" according DIN 3321
Instructions for use:	see page I 8
Theft indicator cap:	see page D 5/1
Security cap:	see page D 4/2
Operating key:	see page K 3/2
Other pipe cover:	double flanged pipe see page L1/1

Order no.	DN	Outlet A	Outlet B	Outlet C	Weight kg	
5051H4	80		1	2	69,0	●
5053H4	80		2		68,0	●
5051H4	100	1	2		72,0	●
5053H4	100		2		70,0	●

DN 150 on request

Design features:

- inner parts entirely of corrosion free materials
- stand pipe, base and hydrant head with corrosion resistant coating
- several outlets on the stand pipe possible, positions on request
- O rings embedded in non-corrosive material (according DIN 3547-T1)
- minimum torque for operation
- noticeable stop at the limits when opening and closing
- hydrant head can be turned from 0° to 360°
- automatic drain off system with pressure control
- drain outlet connection possible with PE pipe Ø 32 mm
- easy exchange of all inner parts
- outlets according to other standards possible

Design Award
Winner 2001

Hydrant head:	of grey iron, epoxy powder + UV resistant coated (as of June 2001 RAL 9006)
Stand pipe:	thick walled steel tube St. 37 DIN 2458/1615, galvanized, UV resistant coated (as of June 2001 RAL 5003)
Operating controls:	stainless steel
Base:	of ductile iron, epoxy powder coated (as of June 2001 RAL 5012)
Rate of flow:	rate of flow Q (m^3/h) at a differential pressure of 1 bar is for all HAWLE H4-Hydrants higher than requested by ÖNORM F 2010 and DIN 3222

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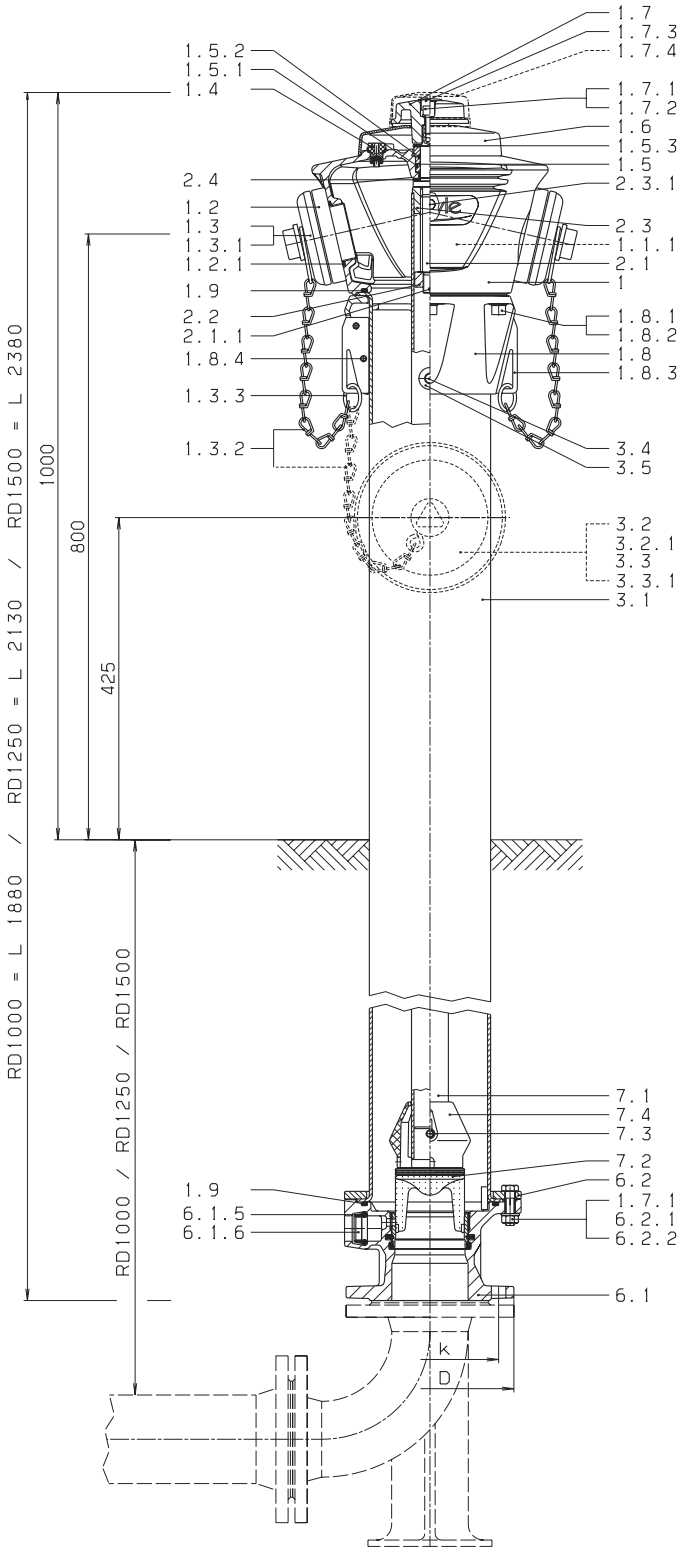

DN	Outlets			Pipe cover	Base flange according EN 1092-2, drilled to DIN 2501				
	A	B	C	RD	DN	D	k	Bolts	Qty.
80		1	2	1500 1250 1000	80	200	160	M 16	8
		2							
100	1	2			100	220	180		
		2							

Required details for ordering spare parts:
order no. / DN / pipe cover / year of construction
(see identification plate on back of the hydrant head)

	Parts	Material
1	Hydrant head	grey iron
1.1.1	Identification plate	various
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 - C4 DN 100 B cap DIN 14318 - B4	G-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	A2
1.3.3	Ring for chain	A2
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	G-Al
1.7	Operating nut	G-Al
1.7.1	Washer DIN 125 - A 13	A2
1.7.2	Allen bolt DIN 912 - M 12 x 25	A2
1.7.3	Isolating cap	PE
1.7.4	Theft safety device	polystyrene
1.8	Head flange for hydrant head	G-Al
1.8.1	Washer DIN 433 - 13	A2
1.8.2	Allen bolt DIN 912 - M 12 x 40	A2
1.8.3	Fixing strap	A2
1.8.4	Brace DIN 1481 - 8 x 16	A2
1.9	O ring 170 x 6	elastomer
2.1	Spindle rigid	A2
2.1.1	Pin DIN 94 - 4 x 25	A2
2.2	Stop nut	A2
2.3	Stem nut	brass
2.3.1	Hexagonal bolt DIN 933 - M 8 x 10	A2
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	G-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	A2
3.5	Guide bush	POM
6.1	Base	DCI
6.1.5	O ring 30,3 x 7,5	elastomer
6.1.6	Clamp	POM
6.2	Head flange for base	steel
6.2.1	Hexagonal bolt DIN 933 - M 12 x 45	A2
6.2.2	Hexagonal nut DIN 934 - M 12	A2
7.1	Operating controls	A2
7.2	Valve plug	brass/elastomer
7.3	Securing pin for valve plug	A2
7.4	Flow former	PE