

Tunnel hydrant with 2 outlets, 120° offset

Construction characteristics

- Working pressure: max. 16 bar (PN 16)
- Automatic drainage system with pressure control.
- The head with the outlets can be rotated 360° by loosening the 4 stainless steel bolts
- Complete drainage - residual water zero (RW 0)
- All internal parts made of corrosion-resistant material and can be removed upwards without excavating the hydrant
- Noticeable stop at the limits when opening and closing
- Rugged design with optimised weight
- Constructive engineering – easy to maintain
- Flange sized and drilled according to EN 1092-2 | PN 16

Material | Technical features

Head and hand wheel: made of ductile iron, epoxy powder-coated on all sides + external powder-coating on polyester base (UV-resistant) in RAL 3000 (fire red, standard)

Stand pipe: **SGG made of steel**, hot-dip galvanised on all sides + external zinc pigment coating

Hydrant base: **NGG from stainless steel**, polished made of ductile iron, epoxy powder-coated on all sides

Operating pipe: made of stainless steel

Valve plug: made of brass / elastomer

Spindle: made of Duplex stainless steel

Rate of flow: Q (m³/h) at a differential pressure of 1 bar is higher than requested by EN14384
Kv[m³/h]

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

Max. working pressure: 16 bar (PN 16)

Residual water: < EN 1074-6

Suitable accessories

Drainage pipe: No. 5067
 Flange duck foot bend: No. 5045, No. 5049
 Hydrant shut-off key: No. 3460, No. 3461
 Flat gasket: No. 3390
 Bolts: No. 8810, No. 8830, No. 8840
 Intermediate piece: No. 5030562

EURO-SV
SGG, NGG
No. KR277



Fig.: SGG version

Order no.	DN	Outlet		Version	
		B	C	SGG	NGG
KR277	80	2			
			2		
	100	1	1		
		2			
		1	1		

Outlet B = System Storz 2½"
 Outlet C = System Storz 2"

Optional:

- Intermediate piece for additional outlet 2½" for DN80 hydrant.
- All outlets can be provided with fire cocks
- other couplings of different national standards on request

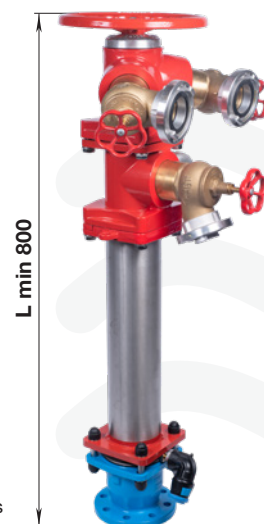
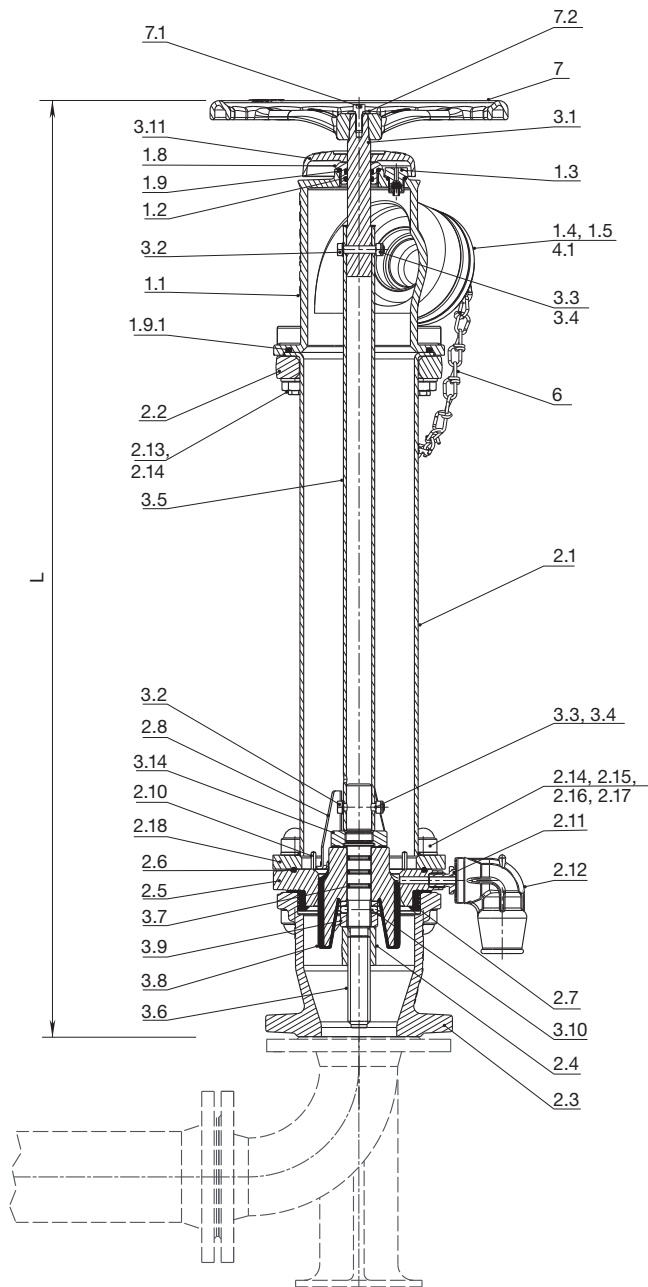


Fig.: NGG versions



On order, every height from L min. to max. 3000 can be delivered.

DN	L min
80	600
100	600

	Parts	Material
1.1	Hydrant head	Ductile iron
1.2	O-ring 25x3,5	Elastomer
1.3	Air valve	POM
1.4	DN 80 coupling DIN 14317 - C1 52 mm DN 100 coupling DIN 14318 - B1 75 mm	Al
1.5	DN 80 O-ring 60x5 DN 100 O-ring 76x5	Elastomer
1.8	O-ring bush	Brass
1.9	O-ring 38x4	Elastomer
1.9.1	DN 80 O-ring 152x4 DN 100 O-ring 175x4	Elastomer
2.1	Stand pipe SGG Stand pipe NGG	Stainless steel, galvanised Stainless steel
2.2	Flange pair top DN 80, DN 100	Ductile iron
2.3	Base DN 80, DN 100	Ductile iron
2.4	Stem nut	Brass
2.5	Sealing seat ring	Stainless steel
2.6	O-ring 135x5	Elastomer
2.7	Sealing ring	Elastomer
2.8	Guide bracket	Stainless steel
2.10	Dowel pin 5x27	Stainless steel
2.11	Drain nipple	Brass
2.12	Drain fitting	POM
2.13	Hexagonal bolt M16x45	Stainless steel
2.14	Washer M16	Stainless steel
2.15	Hexagonal nut M16	Stainless steel
2.16	Hexagonal bolt M16x90	Stainless steel
2.17	Cap	Elastomer
2.18	Flange pair bottom DN 80, DN 100	Ductile iron
3.1	Square connection	Brass
3.2	Hexagonal bolt M8x45	Stainless steel
3.3	Lock nut	Stainless steel
3.4	Serrated lock washer	Stainless steel
3.5	Operating pipe	Stainless steel
3.6	Spindle	Duplex Stainless steel
3.7	O-ring 20,2x3,5	Elastomer
3.8	Valve plug DN 80, DN 100	Brass, Elastomer
3.9	Circlip	Brass
3.10	Securing pin	Brass
3.11	Cap	Al
3.12	Allen screw M8x16	Stainless steel
3.14	Piston nut	Brass
4.1	Cap DIN 14318-C4	Al
6	Chain	Stainless steel
7	Hand wheel	Al
7.1	Hex. socket head bolt M8x16	Stainless steel
7.2	Washer M8	Stainless steel