Tunnel hydrant
Portal hydrant

Construction characteristics

- Working pressure: max. 16 bar (PN 16)
- Complete drainage - residual water zero (RW 0)
- All internal parts made of corrosion-resistant material and can be removed upwards without excavating the hydrant
- Through their vulcanised elastomer sealing profile, the valve plug ensure under pressure protection and tightness in the brass seal seating ring; with the opening stroke of the valve plug (50 mm), the function of the drainage with under pressure protection is positively-controlled
- The head with the outlets can be rotated 360° by loosening the 4 stainless steel bolts
- Flange sized and drilled according to EN 1092-2 | PN 16

Material | Technical features

Hydrant head:	made of ductile iron, epoxy powder-coated on all sides + external powder-coating on polyester base (UV-resistant) in RAL 5003 (sapphire blue)
Stand pipe:	**SGG made of steel,** hot-dip galvanised on all sides + external zinc pigment coating **NGG from stainless steel,** polished
Hydrant base:	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 stainless steel
Rate of flow: Kv[m³/h]	Q (m³/h) at a differential pressure of 1 bar is higher than requested by EN14384
Standard:	**ÖNORM (Austrian standard) F 2010 - EN 14384, EN 1074-6**
Max. working pressure:	16 bar (PN 16)
Standard pipe cover depth:	1,50 m
Residual water:	< EN 1074-6

EURO-SV
SGG, NGG
No. KR270

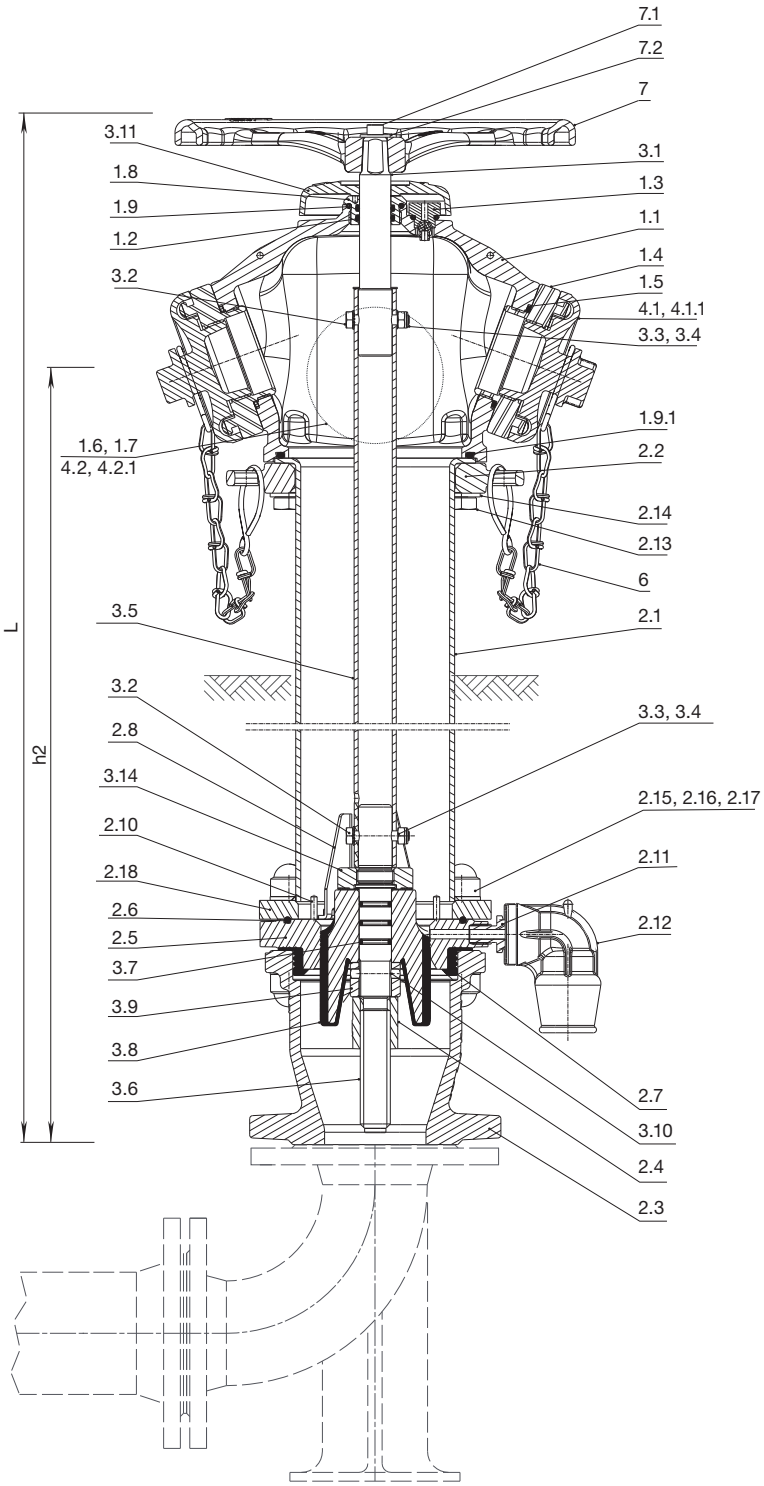
krammer

Fig.: SGG version

Order no.	DN	Outlet A	Outlet B	Outlet C	Version SGG	Version NGG
KR270	80		1	2		
			2			
	100	1	2			
			2			

Suitable accessories see page 6

All outlets can also be supplied with fire cocks!



Design: 2xC, 1xB
2xB, 1xA
2xB

DN	L	h2	Weight SGG	Weight NGG
80	815	645	51,0	
100	815	610	67,0	

Other heights on request!

	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
1.6	DN 80 coupling DIN 14318 - B1 75 mm DN 100 coupling DIN 14319 - A1 110 mm	Al
1.7	DN 80 O-ring 76x5 DN 100 O-ring 116x4	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
2.9	Allen screw M5x10	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	DN 80 cap DIN 14318-C4 DN 80 / DN 100 cap DIN 14319-B4	Al
4.1.1	DN 80 gasket DIN 14318-B4 DN 100 gasket DIN 14319-B3	Elastomer
4.2	DN 80 cap DIN 14318-B4 DN 100 / DN 150 cap DIN 14319-A3	Al
4.2.1	DN 80 gasket DIN 14318-B3 DN 100 / DN 150 gasket DIN 14319-A3	Elastomer
6	Chain	Stainless steel
7	Hand wheel	Al
7.1	Hex. socket head bolt M8x16	Stainless steel
7.2	Washer M8	Stainless steel