

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:** Q (m³/h) at a differential pressure of 1 bar is higher than requested by EN14384
K_v[m³/h]
- 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 (optionally 1,25 m and 1,00 m possible)
- Residual water:** < EN 1074-6

**EURO 2000-RW 0,
SGG, NGG
No. KR270**



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

Suitable accessories see page 6



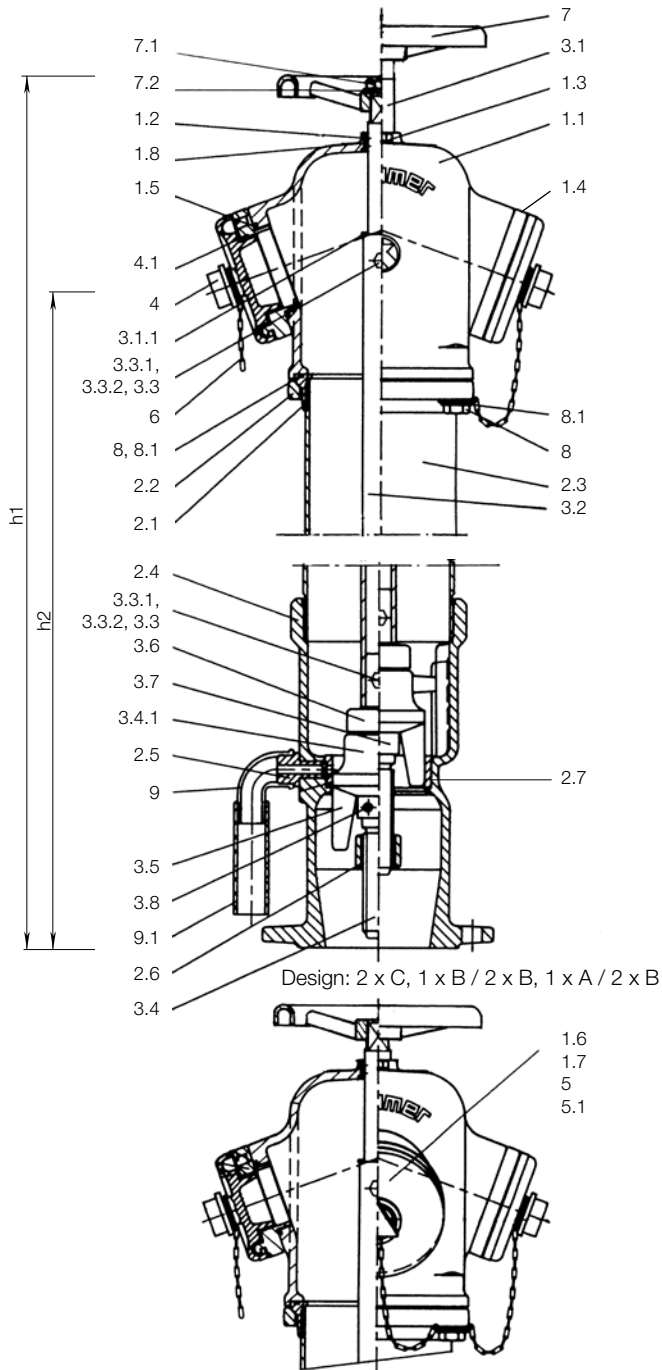
All outlets can also be supplied with fire cocks!

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DN	h1	h2	Weight	
			SGG	NGG
80	815	645	51	
100	815	610	67	

Other heights on request!

	Series	Material
1.1	Hydrant head	Ductile iron
1.2	O-ring 25 x 3.5	Elastomer
1.3	Air valve	Brass
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 60 x 5 DN 100 O-ring 76 x 5	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 76 x 5 DN 100 O-ring 116 x 4	Elastomer
1.8	O-ring bush	Brass
2.1	Head ring	Ductile iron
2.2	Grip ring	Ductile iron
2.3	Stand pipe	Stainless steel, galvanised
2.4	Base	Ductile iron
2.5	Drain outlet	Brass
2.6	Spindle nut	Brass
2.7	Sealing seat ring	Brass
3.1	Square cap connection	Brass
3.1.1	Friction washer	Bronze
3.2	Operating pipe	Stainless steel
3.3	Hexagonal bolt M 8 x 45	Stainless steel
3.3.1	Lock nut	Stainless steel
3.3.2	Serrated lock washer	Stainless steel
3.4	Spindle	Stainless steel
3.4.1	O-ring 20.2 x 3.5	Elastomer
3.5	Valve plug	Brass/elastomer
3.6	Valve plug nut	Brass
3.7	Fixing ring	Brass
3.8	Pin	Brass
4	DN 80 cap DIN 14317 - C4 DN 100 cap DIN 14318 - B4	Al
4.1	DN 80 gasket DIN 14317-C3 DN 100 gasket DIN 14318-B3	Elastomer
5	DN 80 cap DIN 14318 - C4 DN 100 cap DIN 14319 - A4	Al
5.1	DN 80 gasket DIN 14318-B3 DN 100 gasket DIN 14319-A3	Elastomer
6	Chain	Stainless steel
7	Hand wheel	Al
7.1	Hex. socket head bolt M 8 x 16	Stainless steel
7.2	Plate	Stainless steel
8	Hexagonal bolt M 16 x 45	Stainless steel
8.1	M16 plate	Stainless steel
9	Drainage bend	Brass
9.1	Outlet pipe 1"	PE



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