

Above ground hydrant

Above ground break away design

Construction characteristics

- Working pressure: max. 16 bar (PN 16)
- The valve plug ensures under-pressure protection and tightness in the brass seal seating ring through its vulcanised elastomer sealing profile; with the opening stroke of the valve plug (50 mm) the function of the drainage with the under pressure protection is positively-controlled
- The heads with the outlets can be rotated by 360° by loosening the 4 stainless steel bolts
- Complete drainage – residual water zero (RW 0)
- All internal parts are made of corrosion-resistant material and can be removed from above without excavating the hydrant
- The hydrant type KR260 (above ground hydrant break away) has a split hydrant stand pipe with separating flange and break-off bolts; In the separating area, the operating pipe has a length adjustment and a coupling piece to separate the upper and lower part
- When driving against the hydrant, the lower part is not damaged, and by replacing the break-off bolts the functionality can be quickly restored; Water escape is excluded by the hydrant design
- 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 2-component PU-coating NGG from stainless steel , polished
Hydrant base:	made of ductile iron, epoxy powder-coated on all sides; sealing seat ring of stainless steel
Operating pipe:	made of stainless steel
Valve plug:	made of brass / elastomer
Spindle:	made of Duplex 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 (optionally 1,25 m and 1,00 m possible)
Residual water:	< EN 1074-6

EURO-SV

above ground break away design, SGG, NGG

No. KR260



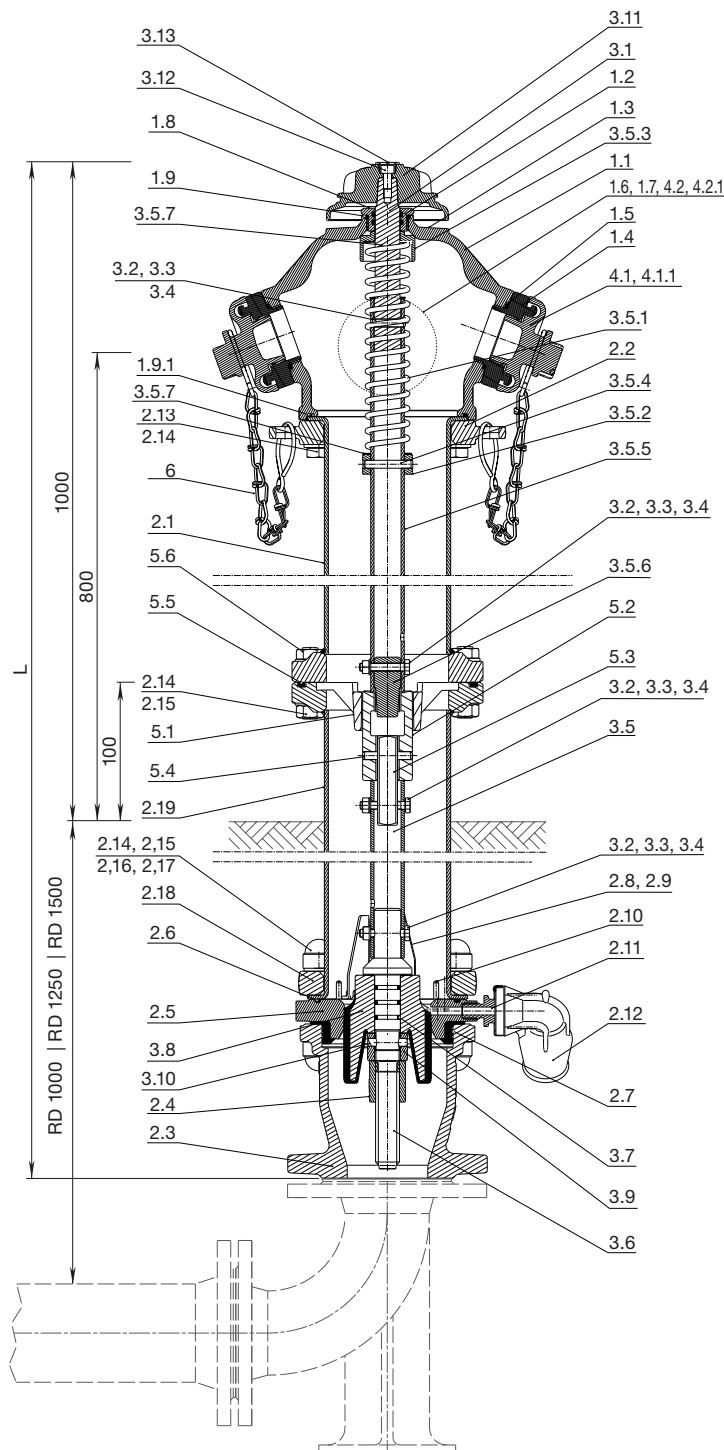
Fig.: SGG version



Order no.	DN	Outlet			Version	
		A	B	C	SGG	NGG
KR260	80		1	2		
			2			
	100	1	2			
			2			
	150	1	2			
			2			

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
Theft indicator cap:	No. 5417
Protection cap:	No. KRE300PC
Adapter for protection cap:	No. KR281.1
Length extension for Euro hydrants:	No. 5008467
Snow pole adapter:	No. 5011404
Snow pole:	No. 5018278



DN	Pipe cover depth (RD) m	Outlets			L	Connector flange sized and drilled according to EN 1092-2				Weight
		A	B	C		D	k	Bolts	Qty.	
80	1,25		1	2	2070	200	160	M 16	8	66,0
	1,50		1	2	2320					70,0
100	1,25	1	2	2	2070	220	180	M 20	8	84,0
	1,50	1	2	2	2320					88,0
150	1,50	1	2	2	2320	285	240	M 20	8	91,0

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 DIN14317-C1 52 mm DN 80 / DN 100 / DN 150 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 DN 150 coupling DIN 14319-A1 110 mm	Al
1.7 DN 80 O-ring 76x5 DN 100 / DN 150 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	Stainless steel, galvanised
2.2 Stand pipe NGG	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
2.19 Stand pipe - lower part SGG	Stainless steel, galvanised
2.19 Stand pipe - lower part NGG	Stainless steel
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
3.5.1 Pressure spring	Stainless steel
3.5.2 Retaining ring	Brass
3.5.3 Spring bracket	Brass
3.5.4 Brace 8x50	Stainless steel
3.5.5 Pipe spindle extension	Stainless steel
3.5.6 Spindle break away	Brass
3.5.7 Sliding washer	Brass
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
3.13 Sealing plug	PE
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
5.1 Bar guide (dumper star)	Brass
5.2 Bypass nut (dumper nut)	Brass
5.3 Bypass square cap	Brass
5.4 Brace 8x50	Stainless steel
5.5 O-ring 170x6	Elastomer
5.6 Break-off screw M16x60	Stainless steel
6 Chain	Stainless steel