

Above ground hydrant rigid

Construction characteristics

- Working pressure: max. 16 bar (PN 16)
- The valve plug ensures the pressure water protection and the tightness in the NIRO sealing seat ring by its vulcanized sealing profile made of elastomer with the opening stroke of the valve plug (50 mm) the function of the drain with pressure water protection is positively controlled
- The head 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
- 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 galvanized 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[m ³ /h]	Q (m ³ /h) at a differential pressure of 1 bar is higher than requested by EN 14384
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 1,0 m possible)
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
Theft indicator cap:	No. 5417
Protection cap:	No. KRE300PC
Adapter for protection cap:	No. KR281.1
Snow pole adapter:	No. 5011404
Snow pole:	No. 5018278

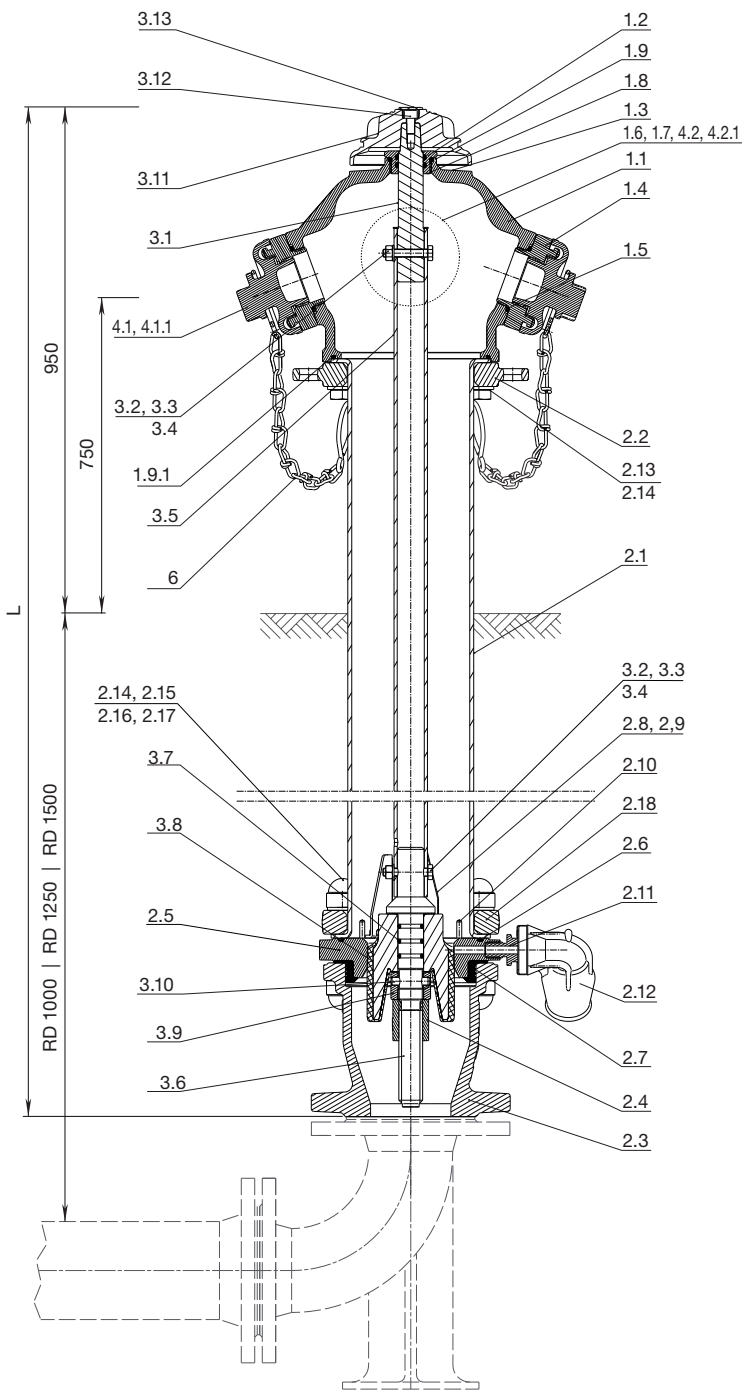
EURO-SV rigid design, SGG, NGG No. KR250



Fig.: NGG version



Order no.	DN	Outlet			Version	
		A	B	C	SGG	NGG
KR250	80		1 2	2		
	100	1	2			
	150	1	2			



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	1,00		1	2	1820	200	160	M 16	8	47,0
			2	2						
	1,25		1	2	2070					
			2	2						
100	1,00	1	2	1820	220	180	M 20	8	71,0	
			2							2
	1,25	1	2	2070						
150	1,50	1	2	2320	285	240	M 20	8	80,0	
	1,50	1	2	2320						

	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 75mm	Al
1.5	DN 80 O-ring 60x5 DN 100 / DN 150 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 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 Stain- less 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
6	Chain	Stainless steel