

Above ground hydrant rigid

Construction characteristics

- Working pressure: max. 16 bar (PN 16)
- Complete drainage - residual water zero (RW 0)
- All internal parts are made of corrosion-resistant material and can be removed without excavating the hydrant
- With ball double shut-off (optionally without ball double shut-off)
- Loose flange with integrated flange gasket enables the continuous 360° rotation of the hydrant for optimal installation
- Flange sized and drilled according to EN 1092-2 | PN 16

Material | Technical features

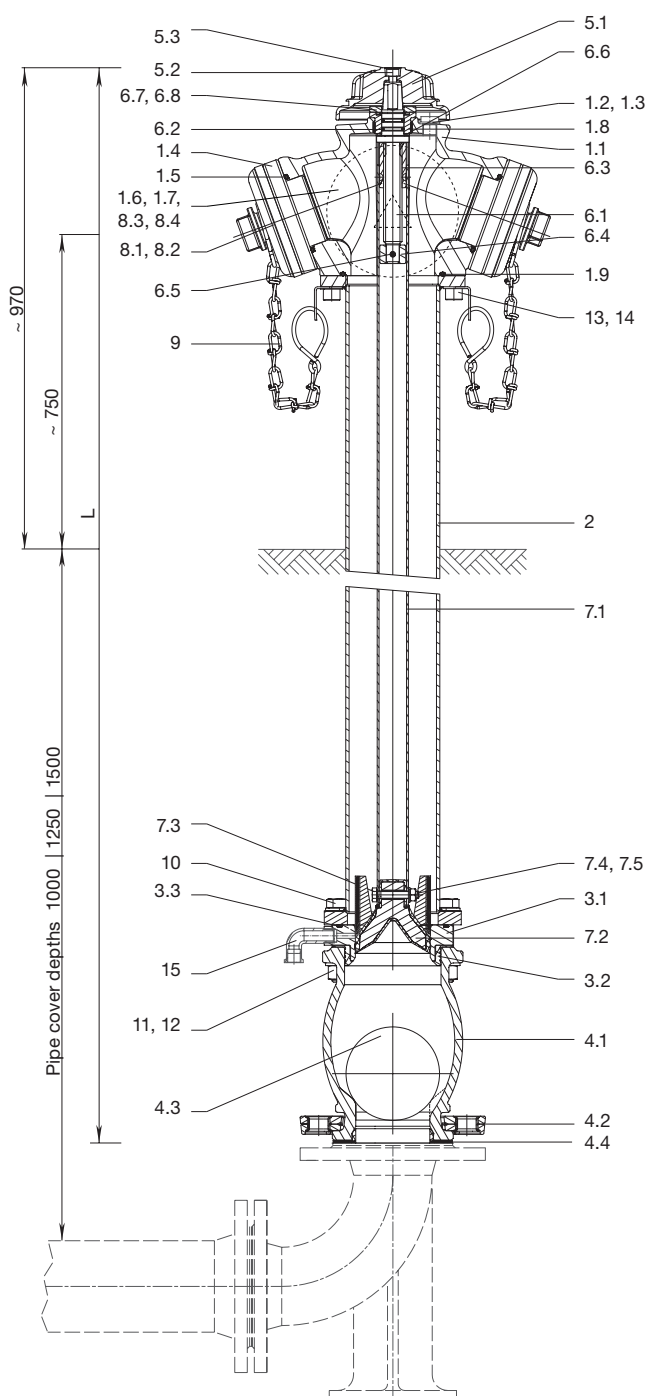
Hydrant head:	made of ductile iron, epoxy powder-coated on all sides + external powder-coating on polyester base (UV-resistant) in RAL 3000 (fire red)
Stand pipe:	made of steel , hot-dip galvanised on all sides + external 2 components PU coating
Hydrant base:	made of ductile iron, epoxy powder-coated on all sides
Operating pipe:	made of stainless steel
Valve plug:	made of ductile iron / 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 (optionally 1,25 m and 1,00 m possible)
Residual water:	< EN 1074-6

DUO
rigid design, SGG
No. KR220



Order no.	DN	Outlet			
		A	B	C	
KR220	80		2		
			1	2	
	100	1	2		
			2		

Suitable accessories see page 6



DN	Pipe cover depth m	Outlets			L	Connector flange sized and drilled according to EN 1092-2				Weight
		A	B	C		D	k	Bolts	Quantity	
80	1,00		1	2	1850	200	160	M 16	8	37,0
		2								
	1,25		1	2	2100					39,0
		2								
	1,50		1	2	2350					41,0
			2							
100	1,00	1	2		1850	220	180		63,0	
		2								
	1,25	1	2		2100			65,0		
		2								
	1,50	1	2		2350			67,0		
			2							

	Series	Material
1.1	Hydrant head	Ductile iron
1.2	O-ring	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 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	Elastomer
2	Stand pipe	Steel galvanised
3.1	Sealing seat ring	Stainless steel
3.2	Sealing seat ring seal	Elastomer
3.3	O-ring	Elastomer
4.1	Base	Ductile iron
4.2	Loose flange	Ductile iron
4.3	Ball	PP
4.4	Flat gasket	Elastomer
5.1	Operating cap	Al
5.2	Hex. socket head bolt M8x16	Stainless steel
5.3	Isolating cap	PE
6.1	Spindle	Stainless steel
6.2	O-ring	Elastomer
6.3	Spindle nut	Brass
6.4	Nut	Brass
6.5	Pin	Stainless steel
6.6	Friction washer	POM
6.7	Fixing ring	Stainless steel
6.8	Distance ring	Brass
7.1	Operating pipe	Stainless steel
7.2	Valve plug	Ductile iron/elastomer
7.3	Hexagonal bolt M8x45	Stainless steel
7.4	Lock nut M8	Stainless steel
7.5	Serrated lock washer	Stainless steel
8.1	DN 80 cap DIN 14318-C4 DN 100 cap DIN 14319-B4	Al
8.2	DN 80 gasket DIN 14318-C3 DN 100 gasket DIN 14319-B3	Elastomer
8.3	DN 80 cap DIN 14318-B4 DN 100 cap DIN 14319-A4	Al
8.4	DN 80 gasket DIN 14318-B3 DN 100 gasket DIN 14319-A3	Elastomer
9	Chain	Stainless steel
10	Hexagonal bolt M16x80	Stainless steel
11	Hexagonal nut M16	Stainless steel
12	Washer M16	Stainless steel
13	Hex. socket head bolt M12x30	Stainless steel
14	Washer M12	Stainless steel
15	Drainage bend	Brass