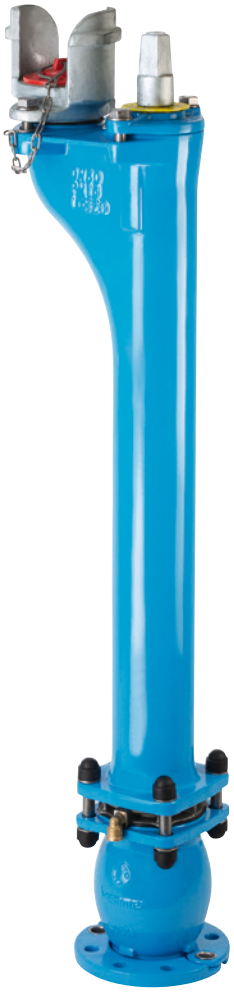
Underground hydrant
DUO

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, apart from ball.
- With ball double-locking (optionally without ball double shut-off)
- Easy assembly with loose flange and integrated flange seal
- operation takes place via valve key on 27/32 square cap via the rod and the stainless steel spindle that lies above
- Flange sized and drilled according to EN 1092-2 | PN 16

DUO
No. KR240

krammer



Material | Technical features

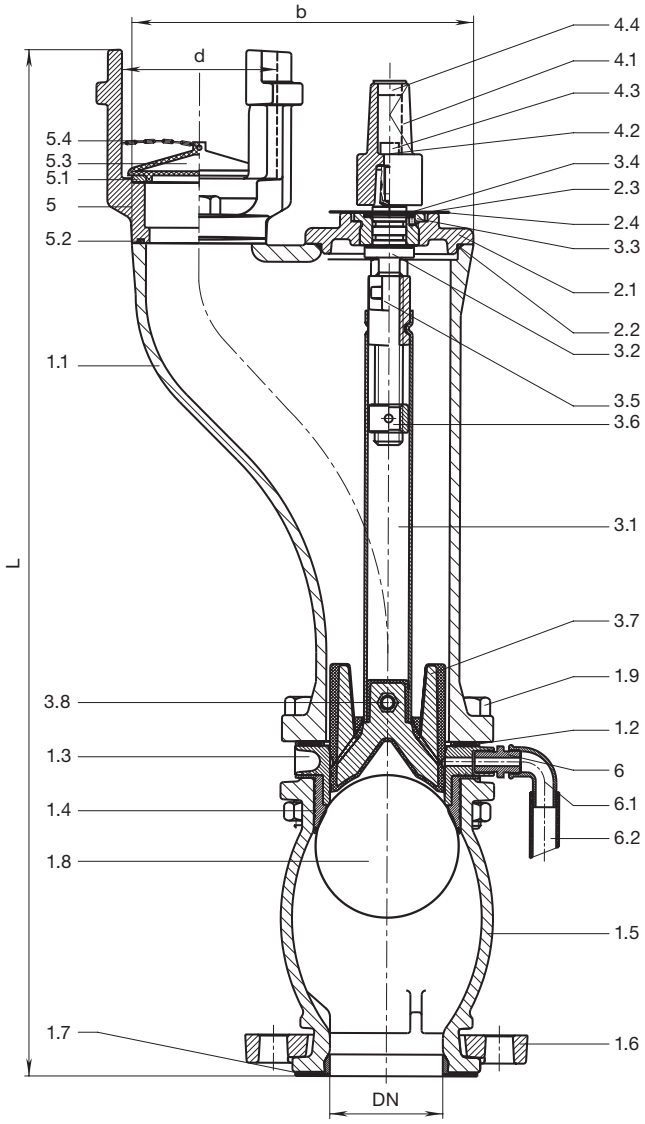
Stand pipe:	made of ductile iron, epoxy powder-coated
Hydrant base:	made of ductile iron, epoxy powder-coated
Jaw coupling and Operating cap:	made of ductile iron, hot-dip galvanised
Operating pipe:	made of stainless steel
Valve plug:	made of ductile iron / elastome
Spindle:	made of stainless steel
Rate of flow: Kv[m³/h]	Q (m³/h) for differential pressure of 1 bar higher than requested by EN14339
Standard:	**ÖNORM (Austrian standard) F 2010 - EN 14339, 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

ÖVGW GEPRÜFT

Order no.	DN	Stand pipe connection	
KR240	80	DN 80	
	100	DN 100	

Suitable accessories

Flange duck foot bend:		No. 5045, No. 5049
Hydrant shut-off key for underground hydrants:		No. 3420
Flat gasket:		No. 3390
Bolts:		No. 8810, No. 8830, No. 8840
Surface boxes:	DN 80:	No. 1950, No. 1950K, No. 1950E
	DN 100:	No. 1951



	Parts	Material
1.1	Stand pipe	Ductile iron
1.2	Flat gasket	Elastomer
1.3	Sealing seat ring	Stainless steel
1.4	Sealing seat seal	Elastomer
1.5	Base	Ductile iron
1.6	Loose flange	Ductile iron
1.7	Base gasket	Elastomer
1.8	Ball	PP
1.9	Hexagonal bolt	Stainless steel
2.1	Head plate	Ductile iron
2.2	O-ring	Elastomer
2.3	Friction washer	POM
2.4	Badge	PVC
3.1	Operating pipe	Stainless steel
3.2	Spindle	Stainless steel
3.3	O-ring bush	Brass
3.4	Fixing ring	Stainless steel
3.5	Spindle nut	Brass
3.6	Stop nut	Brass
3.7	Valve plug	Ductile iron / elastomer
3.8	Hexagonal bolt	Stainless steel
3.9	Nut M8	Stainless steel
4.1	Operating cap	Ductile iron
4.2	Spring washer	Stainless steel
4.3	Bolt	Stainless steel
4.4	Isolating cap	PE
5	Jaw coupling	Ductile iron
5.1	Seat ring	Brass
5.2	Gasket	Elastomer
5.3	Connection cover	PE
5.4	Chain	Stainless steel
6	Drain outlet	Brass
6.1	Drainage bend	Brass
6.2	Outlet pipe (not inkluded)	PE

DN	Pipe cover depth m	L	b	d	Weight
80	1,50	1230	242	110	39,5
	1,25	980	242	110	35,5
	1,00	730	242	110	31,5
100	1,50	1250	310	145	62,0
	1,25	1000	310	145	55,5
	1,00	750	310	145	49,0