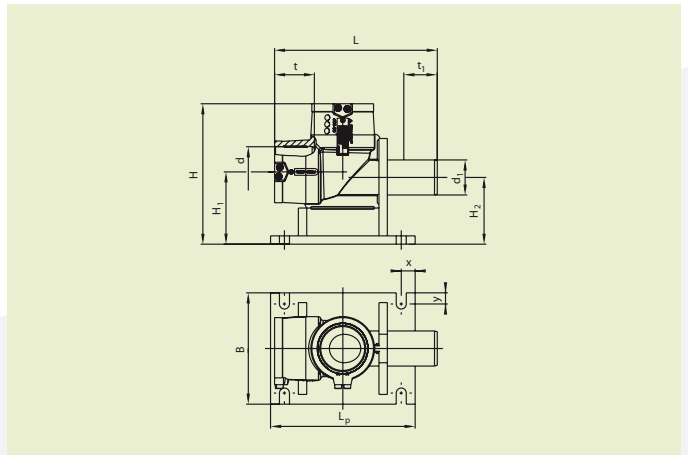


FRIALEN® SAFETY FITTINGS

WF 90 90° ELBOW WITH BASE UNIT



PE 100 SDR 11

Maximum working pressure 16 bar (water)



d	d ₁	Order Ref.	Stock-status	BX	PU	L	LP	t	t ₁	B	H ₁	H ₂	x	y	H	Weight kg/each
90	63	615989	1	3	54	293	260	72	63	200	130	120	25	20	253	2.250
110	63	615998 ①	1	6	48	346	260	83	63	200	142	127	25	20	293	2.940

FRIALEN-Safety Fittings can be fused to pipes of SDR stages 11 to 17.6. Other wall thicknesses on request. Please observe the marking directly at the product, which is mandatory. DVGW-Registration No.: DV-8606AU2249

① see FLR flange reducer for connection to DN80

FRIALEN® SAFETY FITTINGS

WF 90 90° ELBOW WITH BASE UNIT

Areas of Application

The FRIALEN-Elbow with Base Unit WF 90° allows for connection of a hydrant alongside the mains. The hydrant connection takes place either

- by fusing the HD-PE pointed end of the hydrant with the construction part or
- for a hydrant with flange connection by applying the FRIALEN-Full Faced Flange EFL* or with a Flange Reduction FLR** d 110/DN 80.

Connection to the HD-PE mains takes place without pressure via the FRIALEN-Spigot Saddle SA d 110/90-225/110 (see Data Sheet No. 27 and leaflet) or under operating pressure with an additional cut-off device. For drilling into the mains we recommend drilling equipment by Hütz + Baumgarten.

Assembly Instructions

Please refer to the FRIALEN "Assembly Instructions" for preparations for the FRIALEN-fusion process (two fusion procedures) of the elbow piece with HD-PE pipes or HD-PE pipe and HD-PE valve (marking insertion depth, removing oxide skin, cleaning, etc.).

* (see Data Sheet EFL No. 46)

** (see Data Sheet FLR No. 61)

Good reasons for using the FRIALEN-Elbow with base unit WF 90°:

- Great wall thickness ensures optimum stability and safe positioning of the hydrant
- Separate fusion zones enable simple tension-free fusion
- Floor plate can be mounted directly onto foundations
- Base unit and elbow make up a homogeneous unit
- Large coupler depth for ease of guidance of pipe and construction part
- Small annular gap for build-up optimum joining pressure in the fusion zone
- Extra wide fusion zones
- Cold zones at the front side and in the middle of the coupler
- Exposed heating coil for optimum heat transfer onto pipe/ construction part
- Additional barcode for tracing back the underground fitting (Traceability-Coding)