

## ERHARD Underground Fire Hydrants to DIN 3221, AD shape<sup>1)</sup>

of cast iron, with double cut-off

Range of application: water

Size DN	Pressure rating PN	Hydrost. test pressure <sup>6)</sup> in bars for		Max. admissible working pressure in bars at a working temperature of 40 °C
		body water	seat water	
100	16	25	17,6	16

When placing the order, please specify working pressure and earth cover.

**Connecting flange B**, DN 100, PN 16, DI, type 21, connecting dimensions and thickness to EN 1092-2

### Materials / Equipment

Design	8411 18..
Corrosion protection of body components	<b>EKB</b> epoxy coating, blue, RAL 5015
Body	Lamellar cast iron EN-JL1040 <sup>4)</sup>
Inlet piece, spindle nut	Ductile cast iron EN-JS1050 <sup>5)</sup> Spindle nut with surface treatment
Stopper, cover, bayonet catch, square cap, bayonet cap	Lamellar cast iron EN-JL1040 <sup>4)</sup>
Stem, spindle, spring, rope	Stainless steel
Connecting bolts	Stainless steel A2, DIN-ISO 3506
Drain protection, double cut-off stopper	Thermoplastic
Seat bush, screwed bearing	Brass
Rubber coating of stopper, round cord rings	Elastomer

The hydrant is closed by turning the spindle in clockwise direction.

**8411 1893** for an earth cover of 1,50 m

**8411 1894** for an earth cover of 1,25 m

**8411 1895** for an earth cover of 1,00 m

### Dimensions

Size DN	Earth cover RD m	Flange dia. D mm	Dimensions of bayonet catch			Height h <sub>2</sub> mm	Weight <sup>2)</sup> kg	Volume m <sup>3</sup>
			d <sub>1</sub> mm	d <sub>2</sub> mm	h <sub>1</sub> mm			
100	1,00	220	145 <sup>3)</sup>	112	60	761	67	0,12
	1,25					1011	75	0,16
	1,50					1261	89	0,2

<sup>1)</sup> BD shape (without drainage) on request.

<sup>2)</sup> Net (without obligation).

<sup>3)</sup> Bayonet for standpipe 2B to DIN 14375, DN 80 to order.

<sup>4)</sup> Corresponding to former DIN description 0.6125 (GG-25).

<sup>5)</sup> Corresponding to former DIN description 0.7050 (GGG-50).

<sup>6)</sup> According to EN 12266 and EN 1074.

### Note:

According to DIN 3221, Underground Fire Hydrants DN 100, PN 16 are not applicable in public supply networks and for public fire brigades.  
Bayonet catch for standpipe DN 100.<sup>3)</sup>

epoxy coating  
**EKB**  
 epoxy coating

