

## ERHARD Underground Fire Hydrants

2-piece type, with **BLS**® Socket System, DIN 3221, shape AD<sup>1)</sup>  
of ductile cast iron, internally vitreous enamel, externally epoxy coating

Range of application: water

Size DN	Pressure rating PN	Hydrost. test pressure <sup>5)</sup> in bars for		Max. admissible working pressure in bars at a working temperature of 40 °C
		body water	seat water	
80	16	25	17,6	16

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

**Spigot end:** DN 80, **BLS**® Buderus Lock System, PN 16

**Materials/Equipment**

Size	DN 80
Corrosion protection	Body: internal ERHARD vitreous enamel external <b>EKB</b> epoxy coating Bayonet catch and cover: <b>EKB</b> epoxy coating, blue, RAL 5015
Body, stopper, bayonet catch, cover, retaining ring	Ductile cast iron EN-JS1050 <sup>3)</sup>
Spindle nut	Brass
Seat profile of the retaining ring, rubber coating of stopper, flange seal, O-rings	Elastomer
Stem, spindle	Stainless steel
Connecting bolts	Stainless steel A2, DIN-ISO 3506
Double cut-off ball	Plastic material
Drain protection, bayonet cap, holding cords	Thermoplastic
Square cap	Lamellar cast iron EN-JL1040 <sup>4)</sup>

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

### Design with spigot end

**8413 7293** for an earth cover of 1,50 m

**8413 7294** for an earth cover of 1,25 m

**8413 7295** for an earth cover of 1,00 m

### Dimensions for design with spigot end

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			
80	1,00	200	110	75	50	865	32	0,05
	1,25					1115	37	0,06
	1,50					1365	42	0,07

<sup>1)</sup> Shape B (without drainage) on request.

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

<sup>3)</sup> Corresponding to former DIN description 0.7050 (GGG-50).

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

<sup>5)</sup> According to EN 12266 and EN 1074

epoxy coating  
**EKB**  
epoxy coating

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