

ERHARD Underground Fire Hydrants

2-piece type, with spigot end or flange, DIN 3221, shape AD¹⁾
of ductile cast iron, internally vitreous enamel, externally epoxy coating

Range of application: water

Size DN	Pressure rating PN	Hydrost. test pressure ⁵⁾ 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.

Connecting flange B: DN 80, PN 16, DI, type 21, EN 1092-2,
Spigot end: DN 80, for all usual socket ends, PN 16

Materials/Equipment

Size	DN 80
Corrosion protection	Body: internal ERHARD vitreous enamel external EKB epoxy coating Bayonet catch and cover: EKB epoxy coating, blue, RAL 5015
Body, stopper, bayonet catch, cover, retaining ring	Ductile cast iron EN-JS1050 ³⁾
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 ⁴⁾

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

Design with flange

8414 7293 for an earth cover of 1,50 m
8414 7294 for an earth cover of 1,25 m
8414 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 ₂ mm	Weight ²⁾ kg	Volume m³
			d ₁ mm	d ₂ mm	h ₁ mm			
80	1,00	200	110	75	50	720	32	0,05
	1,25					970	37	0,06
	1,50					1220	42	0,07
Dimensions for design with flange								
80	1,00	200	110	75	50	759	32	0,04
	1,25					1009	37	0,06
	1,50					1259	42	0,07

¹⁾ Shape B (without drainage) on request.

²⁾ Net (without obligation).

³⁾ Corresponding to former DIN description 0.7050 (GGG-50).

⁴⁾ Corresponding to former DIN description 0.6125 (GG-25).

⁵⁾ According to EN 12266 and EN 1074

epoxy coating
EKB
epoxy coating


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