

ERHARD Underground Fire Hydrants to DIN 3221, A shape¹⁾

of ductile cast iron, internal coating: vitreous enamel, tested by DIN-DVGW

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

Materials/Equipment

Corrosion protection	Body inside: ERHARD vitreous enamel outside: EKB epoxy coating, blue, RAL 5015 Bayonet catch and cover: EKB epoxy coating, blue, RAL 5015
Body, stopper, bayonet catch, cover	Ductile cast iron EN-JS1050 ³⁾
Seat bush, spindle nut	Brass
Rubber coating of stopper, flange seal, O-rings	Elastomer
Stem, spindle	Stainless steel
Connecting bolts	Stainless steel A2, DIN-ISO 3506
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.

DIN-DVGW registration no. 963

8412 5393 for an earth cover of 1,50 m

8412 5394 for an earth cover of 1,25 m

8412 5395 for an earth cover of 1,00 m

8412 5396 for an earth cover of 0,75 m

Dimensions

Size DN	Earth cover RD m	Flange dia. D mm	Dimensions of bayonet catch			Height h ₂ mm	Weight ²⁾ kg	Volume m ³
			d ₁ mm	d ₂ mm	h ₁ mm			
80	(0,75)	200	110	75	50	530	28	0,03
	1,00					725	31	0,04
	1,25					975	36	0,06
	1,50					1225	41	0,07

¹⁾ B shape (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.

