

ERHARD Post Fire Hydrants to DIN 3222, AFUD Shape

of ductile cast iron, tested by DIN-DVGW, turning type,
with protective mantle, theoretical breaking point, double cut-off

Range of application: water

Size DN	Pressure rating PN	Hydrost. test pressure ⁴⁾ 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
150	16	25	17,6	16

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

Connecting flange: DN 100-150, C... DIN 28 605, PN 16.

Materials/Equipment

Corrosion protection of body components	Inlet piece, upper part of barrel, lower part of barrel: Internal: ERHARD vitreous enamel, cobalt blue External, underground: vitreous-enamel primer with 2-coat synthetic resin, anthracite, RAL 7016 above ground: duplex coating consisting of spray zinc coating with covering coat on EP/PUR basis, flame red, RAL 3000 Bonnet cover: internal and external duplex coating
Stopper, retaining ring, breaking ring, bonnet cover	Lamellar cast iron EN-JL1040 ²⁾
Inlet piece, lower part of barrel, upper part of barrel, head piece	Ductile cast iron EN-JS1050 ³⁾
Spindle nut, spindle guide, bush, square socket	Brass
Stem, key rod, spindle, cords for outlet caps, retainer ring, spring and bolts	Stainless steel
Double cut-off ball, guide star, drain protection	Thermoplastic
Rubber coating of stopper, O-rings, seals	Elastomer
Protective mantle	Duroplastic

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

With 2 upper outlets under protective mantle which can be separated independently of each other, with
B-type fixed coupling to DIN 14318 and 1 lower outlet with A-type fixed coupling to DIN 14319.

DN 100: **8446 7293** for an earth cover of 1,50 m

DN 100: **8446 7294** for an earth cover of 1,25 m

DN 150: **8446 7293** for an earth cover of 1,50 m

DN 150: **8446 7294** for an earth cover of 1,25 m

Dimensions

Size DN	Earth cover RD m	h ₁ mm	h ₂ mm	h ₃ mm	h ₄ mm	h ₅ mm	Operating hexagon SW mm	2 upper fixed couplings	1 lower fixed coupling	Weight ¹⁾ kg	Volume m ³
100	1,25	2340	1230	945	109	379	70	B	A	133	0,31
	1,50	2590						DIN 14318	DIN 14319	139	0,34
150	1,25	2340	1230	945	109	379	70	B	A	136	0,31
	1,50	2590						DIN 14318	DIN 14319	142	0,34

¹⁾ Net (without obligation).

²⁾ Corresponding to former DIN description 0.6125 (GG-25).

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

⁴⁾ According to EN 12266 and EN 1074

