

ERHARD Service Clamps Premium to DIN 3543-BV

of ductile cast iron, with integrated isolating valve, vertical outlet, Rp 1 1/2 right-hand, tested for drinking water and gas services by DIN-DVGW

Range of application for drinking water:

Service clamp for water PN16 for cast-iron and steel pipes, fibre cement pipes, Fibre cement jacketed cast iron pipes, PE jacketed cast iron pipes, PE jacketed steel pipes, Fibre cement and PE jacketed steel pipes

Supply main	Pressure rating PN	Hydrost. test pressure in bars for		Max. admissible working pressure in bars at a working temp. of up to 60 °C
DN	water	body	seat	water
80-300	16	25	17,6	16

When placing the order, please specify flow medium, working pressure, working temperature, and outside pipe diameter.

Outlet: right-hand internal Whitworth pipe thread Rp 1 1/2 to DIN EN 10226 part 1²⁾

Materials / Equipment

Corrosion protection of body components	EKB epoxy coating, blue	ERHARD vitreous enamel, blue
Lower body part (saddle) Upper body part	Ductile cast iron EN-JS1050	
Rotary disc Pinion shaft	Stainless steel	
Shaft bearing	Plastic	
Sealing rings	Elastomer, steel-reinforced	
Connecting bolts	Steel, grouted and countersunk	
weight approx.	4,5 kg	

Range of application for gas:

Service clamp for gas PN 5 for cast-iron and steel pipes

Supply main	Pressure rating PN gas	Pressure test for gas pipelines	Max. admissible working pressure in bars at a working temp. of up to 60 °C
DN	gas		gas
80-300	5	Pressure tests according ¹⁾ DIN 3230, part 5, PG 1	5

When placing the order, please specify flow medium, working pressure, working temperature, and outside pipe diameter.

Outlet: right-hand internal Whitworth pipe thread Rp 1 1/2 to EN 10226 part 1²⁾

Materials / Equipment

Corrosion protection of body components	EKB epoxy coating, blue	ERHARD vitreous enamel, blue
Lower body part (saddle) Upper body part	Ductile cast iron EN-JS1050	
Rotary disc Pinion shaft	Stainless steel	
Shaft bearing	POM	
Sealing rings	Elastomer, steel-reinforced	
Connecting bolts	Steel, grouted and countersunk	
weight approx.	4,5 kg	

1) Range of application and tests for service in gas plants. Pressure tests to DIN 3230, part 5, PG 3 on demand.

2) Sealing of parallel threads requires additional sealing agents on the peripheral faces of the thread of the parts to be screwed, as for example PTFE tape or liquid thread sealing agents. It is necessary to check whether these agents are admissible for the particular application e.g. DVGW approval for gas. Alternatively special fittings with o-ring sealing may be used.



ERHARD Clamp for Service Saddle

Tested for drinking water and gas services by DIN-DVGW

Range of applications: Service Saddle

	drinking water	gas	EKB	vitreous enamel
ERHARD Service Saddle Premium Rp 1 1/2 vertical outlet	X	X	X	X
ERHARD Service Saddle Premium Rp 1 1/2 horizontal outlet	X	X	X	X
ERHARD Service Saddle Premium Tr 63x5 (Plasson®) vertical outlet	X	–	X	X
ERHARD Service Saddle Premium Tr 63x5 (Plasson®) horizontal outlet	X	–	X	X



Materials / Equipment:

nuts/washer	Stainless steel A2 DIN ISO 3506		
Swivel blocks	Polyamid reinforced		
Sealing	EPDM for drinking water	NBR for gas	

Clamp vulcanised with stainless steel bolts for cast iron and steel pipes, fibre cement jacketed and PE jacketed pipes²⁾

DN 80–300, clamp width 48 mm

Type of pipe ³⁾							
Pipe diameter Ø (mm)	DN	St	St-PE	ST-PE-FC ¹⁾	GGG	GGG-PE	GGG-FC
87–104	80	X	X		X	X	
100–115				(X)			X
110–125	100	X	X		X	X	
125–141				(X)			X
136–152	125	X	X		X	X	
150–166				(X)			X
163–179	150	X	X		X	X	
177–195				(X)			X
215–230	200	X	X		X	X	
229–246				(X)			X
270–282	250	X	X		X	X	
281–299				(X)			X
320–335	300	X	X		X	X	
333–351				(X)			X

Clamp stainless steel with rubber layer for fibre cement jacketed pipes

DN 80–300, clamp width 90 mm

Type of pipe					
Pipe diameter Ø (mm)	DN	6 bar	10 bar	12,5 bar	16 bar
96–115	80		X	X	X
117–138	100	X	X	X	X
145–167	125	X	X	X	X
176–197	150		X	X	X
232–253	200		X	X	X
284–302	250		X	X	
340–357	300		X	X	

¹⁾ See operating instruction.

²⁾ Cast iron pipe (GGG), steel pipe (St), Fibre cement jacketed cast iron pipe (GGG-FC), PE jacketed cast iron pipe (GGG-PE), PE jacketed steel pipe (St-PE), Fibre cement and PE jacketed steel pipe (ST-PE-FC).

