



FLANGED BRANCH SADDLE

1216/01-001



Ø DN80/100 FLANGED OUTLET Ø 90-250MM BODY UNDER CLAMP FUSAMATIC PIN 4.0MM

Fusamatic Branch Saddles offer a solution for bypass, purging and offtakes on larger diameter pipe mains. Electrofusion fittings enable utilities, designers and contractors to create fully welded pipe networks. The production quality, reliability and flexibility of electrofusion fittings provides the certainty and peace of mind needed for polyethylene pipe jointing.

PRODUCT DESCRIPTION

Ø DN80/100 FLANGED OUTLET

Ø 90-250mm BODY

UNDER CLAMP

FUSAMATIC PIN 4.0mm

DESIGNED AND MANUFACTURED TO

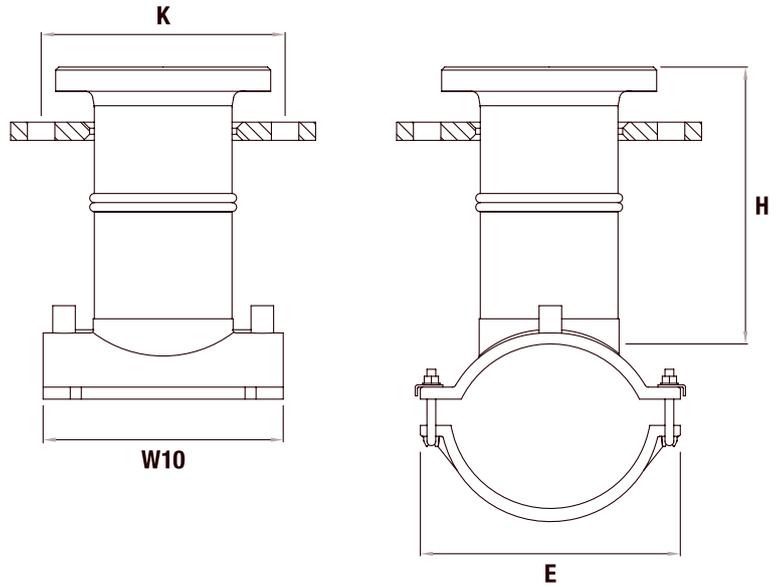
- EN ISO 15494
- EN 12201-3
- EN 1555-3
- ISO 4437-3
- ISO 4427-3

Note: Regional variations may apply to some of the standards referenced.

FEATURES

- Material: All fittings are manufactured using virgin PE100 black polyethylene
- Pressure rating: Water PN16 and Gas 10 Bar (All stated technical specifications depend on PE pipe welded to and any local pipeline pressure regulations.)
- Pin specification: Fusamatic pin 4.0mm (Automatic method to ensure correct welding parameters)
- Construction: A flanged branch saddle consists of a standard electrofusion saddle with a factory welded stub flange and backing ring assembly (PCD against EN 1092-NP16) – ideal for connecting flanged components such as valves and bypass equipment
- Temperature range: -10°C to +40°C
- Welding temperature range: -10°C to +40°C (When using Fusamatic electrofusion systems)
- Manual welding parameters: Incorporated into the body of the fitting for easy reference
- Barcode and QR code tracking: Enables full traceability of each fitting back to raw materials and critical components
- ISO Compliant barcodes: Welding barcode compliant with ISO 13950 and traceability barcode compliant with ISO 12176-4
- Under clamp: Sacrificial under clamp locks fitting in place during weld cycle, and can be retained in situ after installation
- Electrofusion area: Large, to enhance weld integrity





**SDR RANGE 11-21
WATER PN 16
GAS 10 BAR
PE100**

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FLANGED BRANCH SADDLE / Ø DN80/100 FLANGED OUTLET / Ø 90-250mm BODY / UNDER CLAMP / FUSAMATIC PIN 4.0mm

Reference code	Fitting size mm	H mm	W10 mm	E mm	K mm	SDR Range	Fusion time seconds	Cooling time minutes	Theoretical weight/kg
FBBKHFA90X80U #	90x80	178	167	154	160	11-17	80	10	2.93
FBBKHFA110X80U †	110x80	168	165	180	160	11-17	120	10	2.94
FBBKHFA125X80U #	125x80	178	165	180	160	11-17	120	10	2.86
FBBKHFA160X80U †	160x80	176	215	236	160	11-17	120	10	3.82
FBBKHFA160X100U†	160x100	173	215	236	180	11-17	120	10	4.06
FBBKHFA180X80U #	180x80	176	215	236	160	11-17	120	10	3.79
FBBKHFA180X100U†	180x100	173	215	236	180	11-17	120	10	4.06
FBBKHFA200X80U †	200x80	174	165	263	160	11-17	120	10	4.64
FBBKHFA225X80U †	225x80	174	165	291	160	11-17	120	10	4.74
FBBKHFA250X80U #	250x80	174	165	317	160	11-21	120	10	4.39

Flange branch saddle assembly and galvanised backing ring. PCD against EN 1092-NP16.

† Flange branch saddle assembly and galvanised backing ring. PCD against EN 1092-NP16 Class B - GIS PL2 Part 4.

Refer to the table above for the SDR rating of each individual fitting.

