



FLANGED BRANCH SADDLE

1216/10-001



Ø DN150 FLANGED OUTLET Ø 315-400MM BODY ALH FLOWSTOP DESIGN UNDER STRAP MANUAL 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 DN150 FLANGED OUTLET

Ø 315-400mm BODY

ALH FLOWSTOP DESIGN

UNDER STRAP

MANUAL PIN 4.0mm

DESIGNED AND MANUFACTURED TO

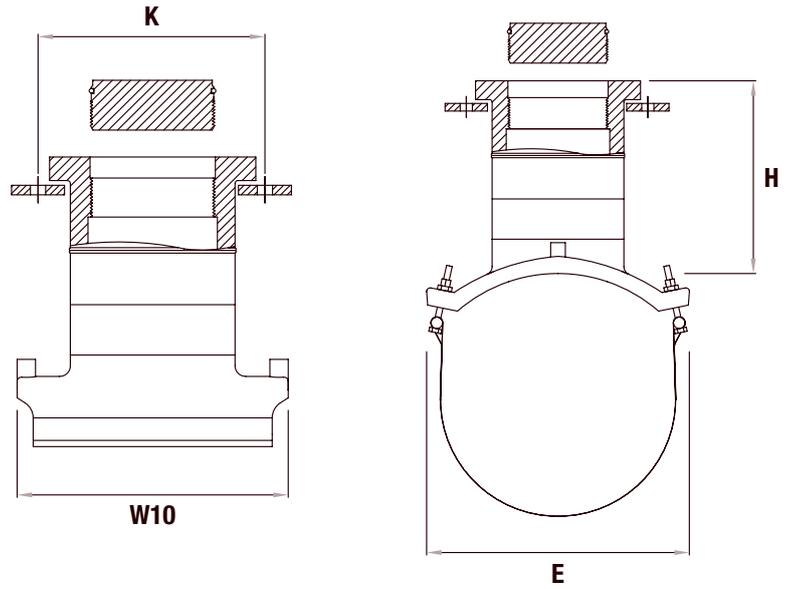
- EN ISO 15494
- EN 12201-3
- EN 1555-3
- ISO 4437-3
- ISO 4427-3

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

FEATURES

- Material: All fittings are manufactured using virgin PE100 black polyethylene
- Pressure rating: Gas 10 Bar (All stated technical specifications depend on PE pipe welded to and any local pipeline pressure regulations.)
- Pin specification: Manual pin 4.0mm
- 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)
- Individual numbering: Each fitting is individually numbered for precise tracking
- 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 strap: Sacrificial under strap locks fitting in place during weld cycle, and can be retained in situ after installation
- Sacrificial threaded cap: Provides added security before blanking plate is fitted.
- Electrofusion area: Large, to enhance weld integrity





SDR RANGE 11-26 GAS 10 BAR PE100

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| Reference code | Fitting size mm | H mm | W10 mm | E mm | K mm | SDR Range | Fusion time seconds | Cooling time minutes | Theoretical weight/kg |
|--------------------|-----------------|------|--------|------|------|-----------|---------------------|----------------------|-----------------------|
| FBKHFM315X150ALH # | 315 x 150 | 190 | 300 | 360 | 240 | 11 - 26 | 460 | 20 | 7.82 |
| FBKHFM355X150ALH # | 355 x 150 | 190 | 300 | 360 | 240 | 11 - 26 | 460 | 20 | 7.48 |
| FBKHFM400X150ALH # | 400 x 150 | 215 | 300 | 360 | 240 | 11 - 26 | 460 | 20 | 8.97 |

Class B - GIS PL2 Part 4

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

- ALH = Flange branch saddle assembly with galvanised backing ring - PCD against EN1092 - NP16.
- Fabricated fitting - 'H' height dimension may vary subject to component availability.
- These fittings are designed for use with ALH flow stopping equipment.
- For use with ALH flowstop bag tube and associated approved drilling equipment.

