



FLANGED BRANCH SADDLE

1216/00-001



Ø 125MM X DN100 FLANGED OUTLET Ø 225-630MM BODY UNDER STRAP/UNDER CLAMP 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 125mmxDN100 FLANGED OUTLET

Ø 225-630mm BODY

UNDER STRAP / UNDER CLAMP

MANUAL PIN 4.0mm

DESIGNED AND MANUFACTURED TO

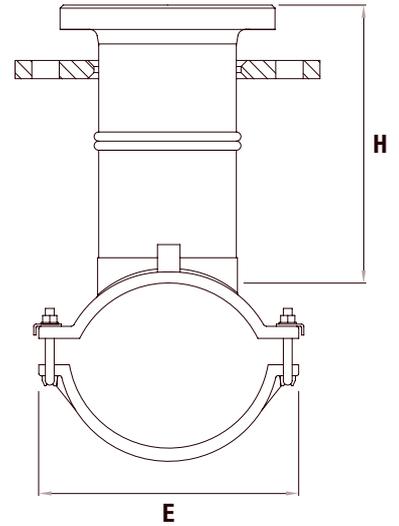
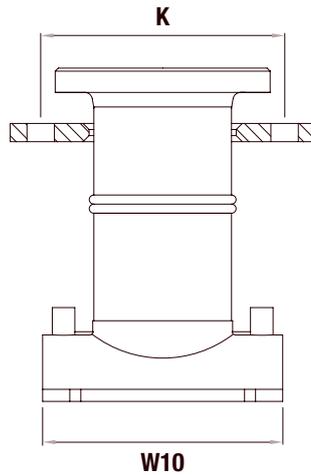
- EN ISO 15494
- EN 12201-3
- EN 1555-3
- ISO 4437-3
- ISO 4427-3

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

FEATURES

- Material: All fittings are manufactured using virgin PE100 black polyethylene
- Pressure rating: Water PN16 and 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
- Rising pin fusion indicator: Allow for easy monitoring of the fusion process
- 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)
- Permanent batch number: Clearly marked for quality control
- 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/Under clamp: Sacrificial under strap/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 11-26
WATER PN 16
GAS 10 BAR
PE100**

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FLANGED BRANCH SADDLE / Ø 125mm x DN100 FLANGED OUTLET / Ø 225 - 630mm BODY / UNDER STRAP / MANUAL 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
FBKHFM225X100DP Ø	225 x 100	178	310	327	180	11 - 21	500	30	8.98
FBKHFM250X100DP Ø	250 x 100	178	310	327	180	11 - 21	500	30	9.15
FBKHFM315X100DP Ø	315 x 100	178	300	360	180	11 - 26	460	20	6.33
FBKHFM355X100DP Ø	355 x 100	178	300	360	180	11 - 26	460	20	6.25
FBKHFM400X100DP Ø	400 x 100	178	300	360	180	11 - 26	460	20	7.77
FBKHFM630X100DP Ø	630 x 100	178	300	360	180	11 - 26	460	20	7.77

Ø DP= Flange branch saddle assembly with galvanised backing ring, NBR and EDPM full face gaskets – PCD against EN1092 - NP16.
Fabricated fitting – 'H' height dimension may vary subject to component availability.
For use with large diameter under pressure drill. Rilsan backing ring available upon request.
Refer to the table above for the SDR rating of each individual fitting.

