



FLANGED BRANCH SADDLE

1216/20-001



Ø DN150/200/250 FLANGED OUTLET Ø 250-630MM BODY FASTCUT UNDER STRAP/UNDER CLAMP

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 DN150/200/250 FLANGED OUTLET

Ø 250-630mm BODY

FASTCUT

UNDER STRAP/UNDER CLAMP

MANUAL PIN 4.0mm

DESIGNED AND MANUFACTURED TO

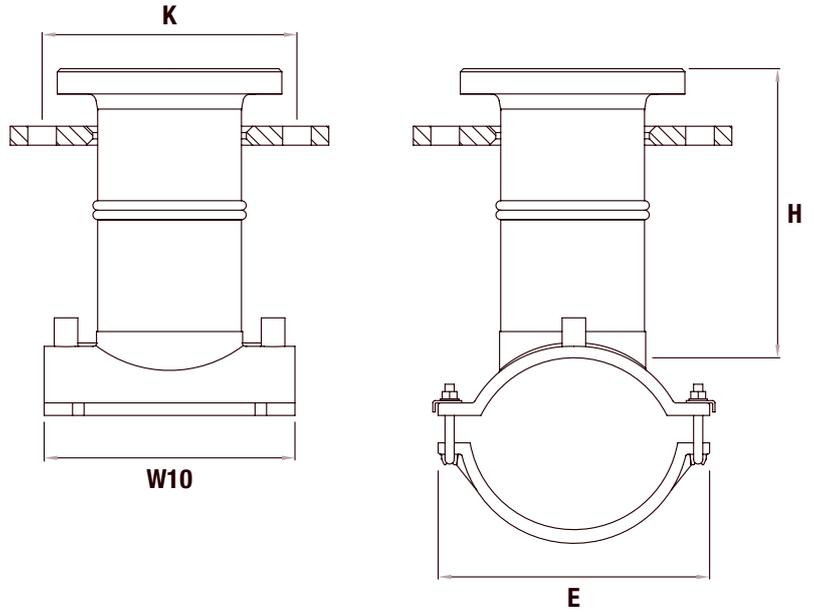
- EN ISO 15494
- EN 12201-3
- EN 1555-3
- ISO 4437-3
- ISO 4427-3

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 - SDR 11 – Water PN10 and Gas 6 Bar - SDR 17 (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
- 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 16/10
GAS 10/6 BAR
PE100**

1216/20-001

FLANGED BRANCH SADDLE / Ø DN150/DN200/DN250 FLANGED OUTLET / Ø 250-630mm BODY / UNDER STRAP / UNDER CLAMP / 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
FBKHFM250X150DP #	250x150	190	310	320	240	11-21	460	20	11.11
FBKHFM250X200DP #	250x200	190	310	320	295	11-21	460	20	12.81
FBKHFM280X150DP #	280x150	190	310	320	295	11-21	460	20	12.80
FBKHFM280X200DP #	280x200	190	310	320	295	11-21	460	20	12.80
FBKHFM315X150DP †	315x150	190	300	360	240	11-26	460	20	8.26
FBKHFM315X250DP †	315x250	190	420	385	355	11-26	600	30	26.91
FBKHFM355X150DP †	355x150	190	300	360	240	11-26	460	20	8.35
FBKHFM355X250DP †	355x250	190	420	425	355	11-26	600	30	26.72
FBKHFM400X150DP #	400x150	215	300	360	240	11-26	460	20	8.19
FBKHFM400X250DP #	400x250	215	420	440	355	17-26	600	30	27.32
FBKHFM450X150DP #	450x150	215	420	530	240	17-26	440	30	15.24
FBKHFM450X250DP #	450x250	215	420	530	355	17-26	440	30	21.37
FBKHFM500X150DP #	500x150	215	420	580	240	17-26	440	30	15.34
FBKHFM500X250DP #	500x250	215	420	580	355	17-26	440	30	21.80
FBKHFM630X150DP #	630x150	215	300	360	240	11-26	460	20	8.39

Class B - GIS PL2 Part 4.

† Class C - GIS PL2 Part 4.

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

