

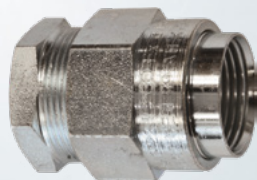
FITTINGS

BMF/BFF/BMM Series - Three pieces unions

Three pieces unions for gas group IIB enable an independent rotation and the connection between pipes of an electrical equipment and enclosures or different devices of an explosion-proof equipment.



(A)



(B)



(C)

- BMF series (male/female) (A)
- BFF series (female/female) (B)
- BMM series (male/male) (C)

MARKING

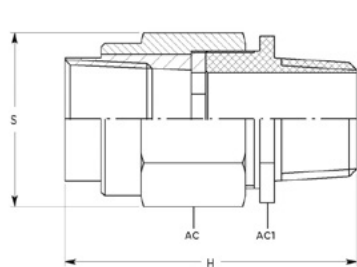
II 2 GD
Ex d IIB Gb
Ex tb IIIC Db IP66/67

Upon request
II 2 GD
Ex d IIC GB
Ex tb IIIC Db IP66/67

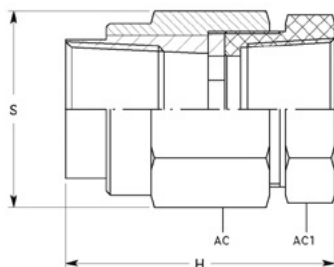
TECHNICAL FEATURES

| | |
|----------------------------------|---|
| Material | Galvanised steel (AISI316L upon request) |
| IP rating | IP66/IP67 |
| Ambient temperature range | ATEX Galvanised steel: -20°C to +60°C with EPDM gasket Stainless Steel: -55°C to +60°C with SI/50 gasket (upon request) |
| | IEC Ex Galvanised steel: -20°C to +60°C with SILICON gasket (upon request) Stainless Steel: -50°C to +60°C with SILICON gasket (upon request) |
| | Special version suitable for high temperature +150°C is available upon request (the suffix become RBMF, RBFF and RBMM) |
| Approvals | CESI 99 ATEX 034U IECEX CES 10.0002U EAC |
| Thread | NPT, UNI-6125 (other thread upon request) |

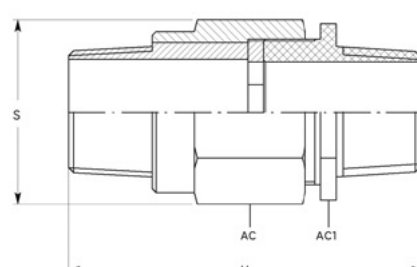
Dimensions BMF



Dimensions BFF



Dimensions BMM



BMF - Male/Female three pieces unions

| CODE | TYPE | SIZE | THREAD | DIMENSIONS [mm] | | | |
|---------------|--------|--------|--------|-----------------|-----|-----|-----|
| | | | | H | S | AC | AC1 |
| C040124120201 | BMF-1N | 1/2" | NPT | 60 | 35 | 30 | 27 |
| C040124220201 | BMF-2N | 3/4" | NPT | 61 | 40 | 35 | 32 |
| C040124320201 | BMF-3N | 1" | NPT | 71,5 | 48 | 42 | 40 |
| C040124420201 | BMF-4N | 1" 1/4 | NPT | 86 | 60 | 55 | 59 |
| C040124520201 | BMF-5N | 1" 1/2 | NPT | 86,5 | 75 | 70 | 67 |
| C040124620201 | BMF-6N | 2" | NPT | 88 | 90 | 84 | 77 |
| C040124720201 | BMF-7N | 2" 1/2 | NPT | 107 | 117 | 108 | 99 |
| C040124820201 | BMF-8N | 3" | NPT | 109 | 132 | 121 | 108 |

BFF - Female/Female three pieces unions

| CODE | TYPE | SIZE | THREAD | DIMENSIONS [mm] | | | |
|---------------|--------|--------|--------|-----------------|-----|-----|-----|
| | | | | H | S | AC | AC1 |
| C040134120201 | BFF-1N | 1/2" | NPT | 57 | 35 | 30 | 27 |
| C040134220201 | BFF-2N | 3/4" | NPT | 57 | 40 | 35 | 32 |
| C040134320201 | BFF-3N | 1" | NPT | 67 | 48 | 42 | 40 |
| C040134420201 | BFF-4N | 1" 1/4 | NPT | 63 | 60 | 55 | 59 |
| C040134520201 | BFF-5N | 1" 1/2 | NPT | 63 | 75 | 70 | 67 |
| C040134620201 | BFF-6N | 2" | NPT | 64 | 90 | 84 | 77 |
| C040134720201 | BFF-7N | 2" 1/2 | NPT | 71 | 117 | 108 | 99 |
| C040134820201 | BFF-8N | 3" | NPT | 71 | 132 | 121 | 108 |

BMM - Male/Male three pieces unions

| CODE | TYPE | SIZE | THREAD | DIMENSIONS [mm] | | | |
|---------------|--------|--------|--------|-----------------|-----|-----|-----|
| | | | | H | S | AC | AC1 |
| C040114120201 | BMM-1N | 1/2" | NPT | 89 | 35 | 30 | 27 |
| C040114220201 | BMM-2N | 3/4" | NPT | 87,5 | 40 | 35 | 32 |
| C040114320203 | BMM-3N | 1" | NPT | 100,5 | 48 | 42 | 40 |
| C040114420201 | BMM-4N | 1" 1/4 | NPT | 111 | 60 | 55 | 59 |
| C040114520201 | BMM-5N | 1" 1/2 | NPT | 115 | 75 | 70 | 67 |
| C040114620201 | BMM-6N | 2" | NPT | 113 | 90 | 84 | 77 |
| C040114720201 | BMM-7N | 2" 1/2 | NPT | 128 | 117 | 108 | 99 |
| C040114820201 | BMM-8N | 3" | NPT | 130 | 132 | 121 | 108 |