

BFF series three pieces unions for IIB gas group enable an independent rotation and connection between pipes, enclosures or different equipment.



Classification: 2014/34/UE	Group II	Category 2GD
Installation: EN 60079-14	zone 1 - zone 2 (Gas)	zone 21 - zone 22 (Dust)
Marking:	CE 0722 Ex II 2 GD Ex db IIB Gb Ex tb IIIC Db IP66/67 (B..)	
Certification:	ATEX	CESI 99 ATEX 034U
	IECEX	IECEX CES 10.0002U
	TR CU	AVAILABLE

All IEC Ex and TR CU certification data can be downloaded at www.cortemgroup.com

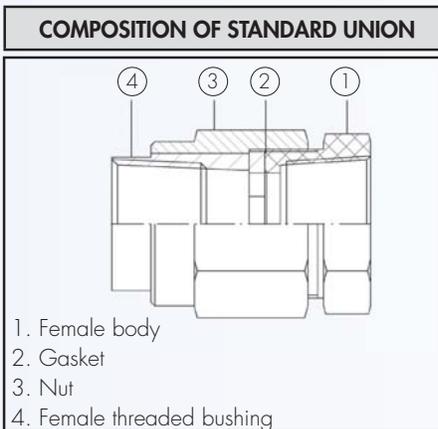
Standards:	CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2014, EN 60079-31: 2014 and EUROPEAN DIRECTIVE 2014/34/UE IEC60079-0: 2011, IEC60079-1: 2007-04, IEC60079-31: 2008 Directive RoHS 2002/95/CE
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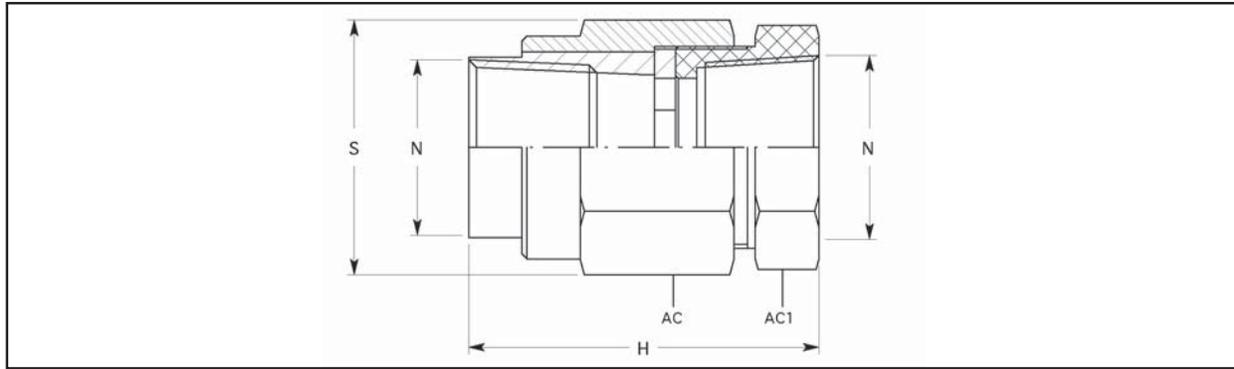
Degree of protection:	IP66/67
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Operating temperature:

Three pieces unions series	Materials	Gaskets	Ambient temperature
BFF..	Galvanised steel (G), Nickel-plated brass (B)	Silicone	-20°C +60°C
BFF..S	Stainless steel (S)	Silicone	-60°C +60°C

Certificates are available on www.cortemgroup.com

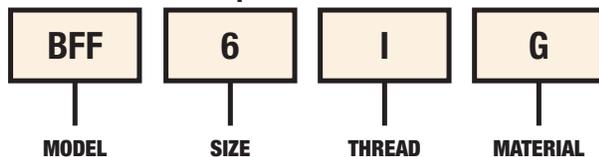




UNIONS SELECTION TABLE

Code In galvanised steel	Thread N	Dimensions in mm				Weight Kg
		H	S	AC	AC1	
BFF1G	1/2" ISO7/1	57	35	30	27	0,125
BFF2G	3/4" ISO7/1	57	40	35	32	0,150
BFF3G	1" ISO7/1	67	48	42	40	0,235
BFF4G	1 1/4" ISO7/1	63	60	55	59	0,640
BFF5G	1 1/2" ISO7/1	63	75	70	67	0,960
BFF6G	2" ISO7/1	64	90	84	77	1,220
BFF7G	2 1/2" ISO7/1	71	117	108	99	2,240
BFF8G	3" ISO7/1	71	132	121	108	2,600
BFF10G	4" ISO7/1	77	152	145	135	3,700
BFF1NG	1/2" NPT	57	35	30	27	0,125
BFF2NG	3/4" NPT	57	40	35	32	0,150
BFF3NG	1" NPT	67	48	42	40	0,235
BFF4NG	1 1/4" NPT	63	60	55	59	0,640
BFF5NG	1 1/2" NPT	63	75	70	67	0,960
BFF6NG	2" NPT	64	90	84	77	1,220
BFF7NG	2 1/2" NPT	71	117	108	99	2,240
BFF8NG	3" NPT	71	132	121	108	2,600
BFF10NG	4" NPT	77	152	145	135	3,700
BFF1IG	M20x1,5	57	35	30	27	0,125
BFF2IG	M25x1,5	57	40	35	32	0,150
BFF3IG	M32x1,5	67	48	42	40	0,235
BFF4IG	M40x1,5	63	60	55	59	0,640
BFF5IG	M50x1,5	63	75	70	67	0,960
BFF6IG	M63x1,5	64	90	84	77	1,220
BFF7IG	M75x1,5	71	117	108	99	2,240
BFF8IG	M90x1,5	71	132	121	108	2,600
BFF10IG	M100x1,5	77	152	145	135	3,700

Order code example



TECHNICAL NOTES:

- The silicone O-ring for the IP protection for cylindrical threads (ISO metric) is supplied already assembled on the union
- Available also in stainless steel (example code BFF1S)
- Available also upon request in nickel-plated brass (example code BFF1B)