

RBFF series three pieces unions suitable for IIB gas group and extreme temperatures enable an independent rotation and connection between pipes, enclosures or different instruments.



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 (RB..)	
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

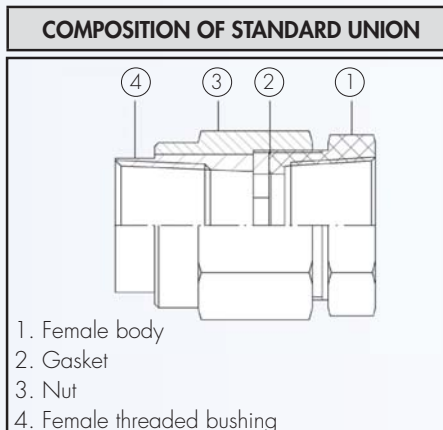
Standards:	CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2014, EN 60079-31: 2014 and EUROPEAN DIRECTIVE 2014/34/UE IEC60079-0: 2011, IEC60079-1: 2007-04, IEC60079-31: 2008 Directive RoHS 2002/95/CE
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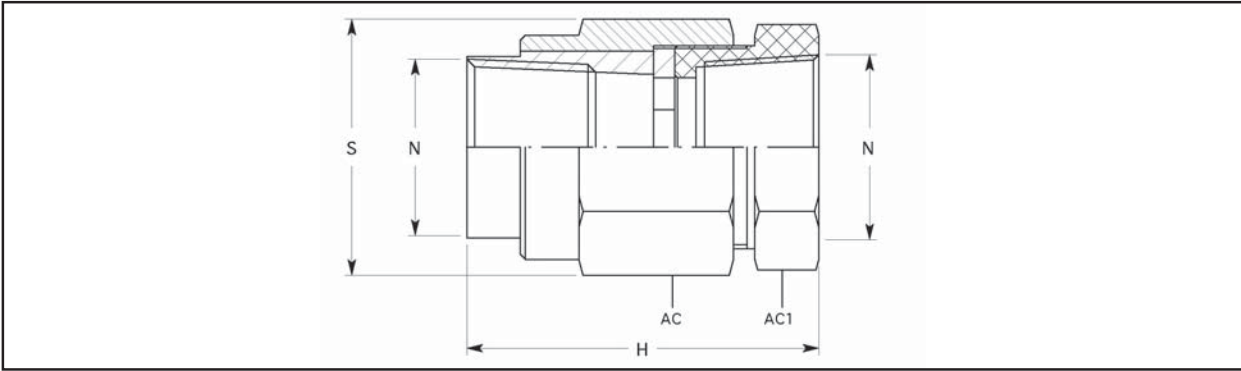
Degree of protection:	IP66/67
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Operating temperature:

Three pieces unions series	Materials	Gaskets	Ambient temperature
RBFF..	Galvanised steel (G), Nickel-plated brass (B)	Silicone	-20°C +150°C
RBFF..S	Stainless steel (S)	Silicone	-60°C +150°C

Certificates are available on www.cortemgroup.com

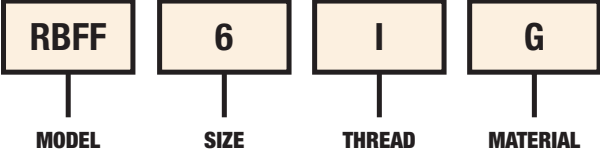




UNIONS SELECTION TABLE

Code In galvanised steel	Thread N	Dimensions in mm				Weight Kg
		H	S	AC	AC1	
RBFF1G	1/2" ISO7/1	57	35	30	27	0,125
RBFF2G	3/4" ISO7/1	57	40	35	32	0,150
RBFF3G	1" ISO7/1	67	48	42	40	0,235
RBFF4G	1 1/4" ISO7/1	63	60	55	59	0,640
RBFF5G	1 1/2" ISO7/1	63	75	70	67	0,960
RBFF6G	2" ISO7/1	64	90	84	77	1,220
RBFF7G	2 1/2" ISO7/1	71	117	108	99	2,240
RBFF8G	3" ISO7/1	71	132	121	108	2,600
RBFF10G	4" ISO7/1	77	152	145	135	3,700
RBFF1NG	1/2" NPT	57	35	30	27	0,125
RBFF2NG	3/4" NPT	57	40	35	32	0,150
RBFF3NG	1" NPT	67	48	42	40	0,235
RBFF4NG	1 1/4" NPT	63	60	55	59	0,640
RBFF5NG	1 1/2" NPT	63	75	70	67	0,960
RBFF6NG	2" NPT	64	90	84	77	1,220
RBFF7NG	2 1/2" NPT	71	117	108	99	2,240
RBFF8NG	3" NPT	71	132	121	108	2,600
RBFF10NG	4" NPT	77	152	145	135	3,700
RBFF1IG	M20x1,5	57	35	30	27	0,125
RBFF2IG	M25x1,5	57	40	35	32	0,150
RBFF3IG	M32x1,5	67	48	42	40	0,235
RBFF4IG	M40x1,5	63	60	55	59	0,640
RBFF5IG	M50x1,5	63	75	70	67	0,960
RBFF6IG	M63x1,5	64	90	84	77	1,220
RBFF7IG	M75x1,5	71	117	108	99	2,240
RBFF8IG	M90x1,5	71	132	121	108	2,600
RBFF10IG	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 RBFF1S)
- Available also in nickel-plated brass (example code RBFF1B)