

RMF series three pieces unions for IIC gas group 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 IIC Gb Ex tb IIIC Db IP66/67 (R..)	
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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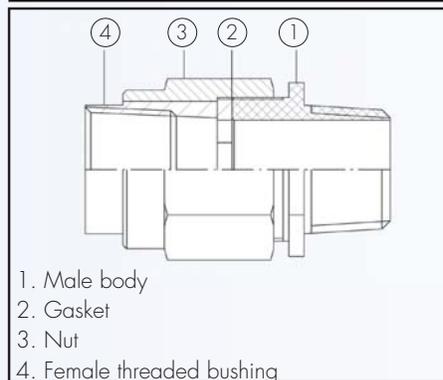
Degree of protection:	IP66/67
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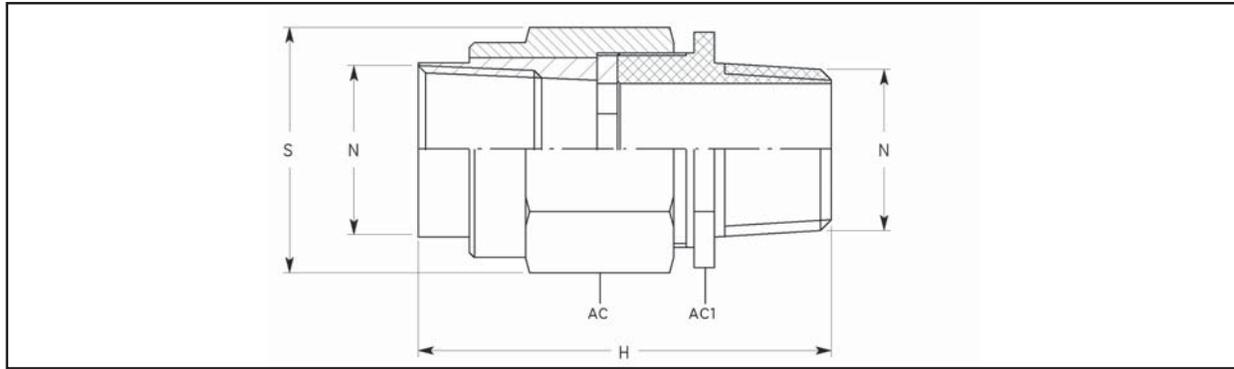
Operating temperature:

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

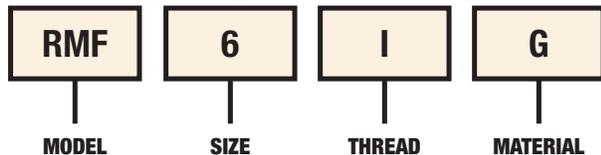
Certificates are available on www.cortemgroup.com

COMPOSITION OF STANDARD UNION




UNIONS SELECTION TABLE

Code In galvanised steel	Thread N	Dimensions in mm				Weight Kg
		H	S	AC	AC1	
RMF1G	1/2" ISO7/1	71	35	30	27	0,200
RMF2G	3/4" ISO7/1	71	40	35	32	0,230
RMF3G	1" ISO7/1	82	48	42	40	0,380
RMF4G	1 1/4" ISO7/1	87	60	55	59	0,940
RMF5G	1 1/2" ISO7/1	87	75	70	67	1,125
RMF6G	2" ISO7/1	87	90	84	77	1,540
RMF7G	2 1/2" ISO7/1	98	117	108	99	3,125
RMF8G	3" ISO7/1	98	132	121	108	3,990
RMF10G	4" ISO7/1	112	152	145	135	4,160
RMF1NG	1/2" NPT	71	35	30	27	0,200
RMF2NG	3/4" NPT	71	40	35	32	0,230
RMF3NG	1" NPT	82	48	42	40	0,380
RMF4NG	1 1/4" NPT	87	60	55	59	0,940
RMF5NG	1 1/2" NPT	87	75	70	67	1,125
RMF6NG	2" NPT	87	90	84	77	1,540
RMF7NG	2 1/2" NPT	98	117	108	99	3,125
RMF8NG	3" NPT	98	132	121	108	3,990
RMF10NG	4" NPT	112	152	145	135	4,160
RMF1IG	M20x1,5	71	35	30	27	0,200
RMF2IG	M25x1,5	71	40	35	32	0,230
RMF3IG	M32x1,5	82	48	42	40	0,380
RMF4IG	M40x1,5	87	60	55	59	0,940
RMF5IG	M50x1,5	87	75	70	67	1,125
RMF6IG	M63x1,5	87	90	84	77	1,540
RMF7IG	M75x1,5	98	117	108	99	3,125
RMF8IG	M90x1,5	98	132	121	108	3,990
RMF10IG	M100x1,5	112	152	145	135	4,160

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 **RMF1S**)
- Available also in nickel-plated brass (example code **RMF1B**)
- It is possible supply mixed thread, of the same equivalence (sample code for fitting in galvanised steel Male 1"NPT - Female M32x1,5: **RMF3NIG**)