

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



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

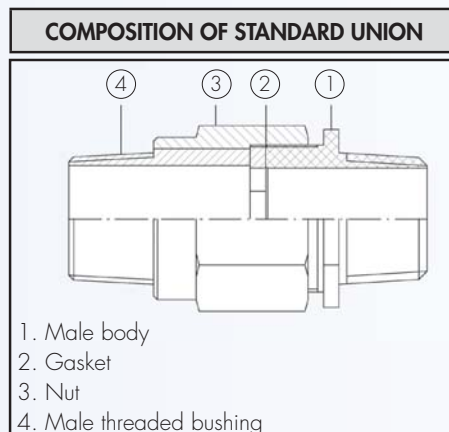
All IEC Ex and TR CU certification data can be downloaded at [www.cortemgroup.com](http://www.cortemgroup.com)

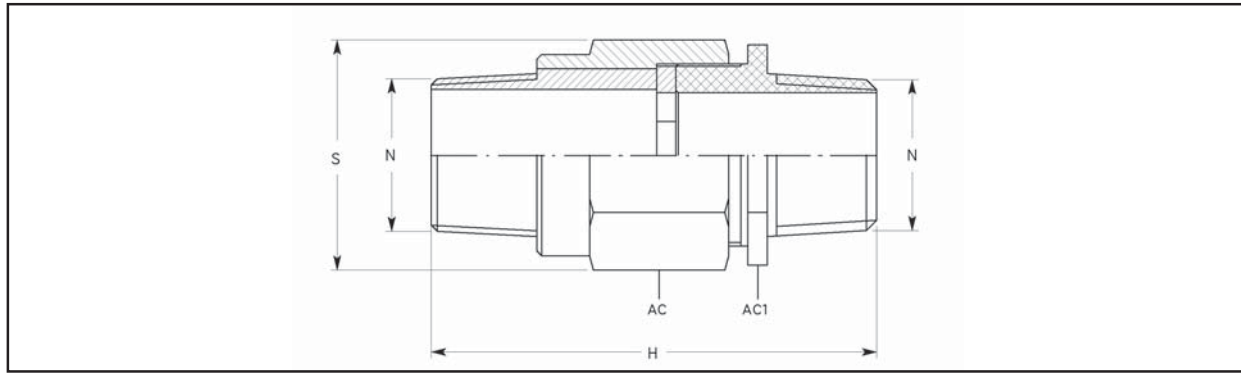
<b>Standards:</b>	CENELEC EN 60079-0: 2012+A11:2013, EN 60079-1: 2014, EN 60079-31: 2014 and EUROPEAN DIRECTIVE 2014/34/UE IEC60079-0: 2011, IEC60079-1: 2007-04, IEC60079-31: 2008 Directive RoHS 2002/95/CE
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<b>Degree of protection:</b>	IP66/67
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<b>Operating temperature:</b>			
Three pieces unions series	Materials	Gaskets	Ambient temperature
RBMM...	Galvanised steel (G), Nickel-plated brass (B)	Silicone	-20°C +150°C
RBMM...S	Stainless steel (S)	Silicone	-60°C +150°C

Certificates are available on [www.cortemgroup.com](http://www.cortemgroup.com)

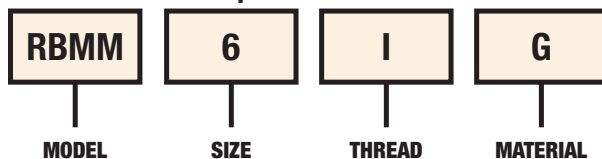




### UNIONS SELECTION TABLE

Code In galvanised steel	Thread N	Dimensions in mm				Weight Kg
		H	S	AC	AC1	
RBMM1G	1/2" ISO7/1	99	35	30	27	0,125
RBMM2G	3/4" ISO7/1	97,5	40	35	32	0,150
RBMM3G	1" ISO7/1	110,5	48	42	40	0,235
RBMM4G	1 1/4" ISO7/1	121	60	55	59	0,640
RBMM5G	1 1/2" ISO7/1	125	75	70	67	0,960
RBMM6G	2" ISO7/1	123	90	84	77	1,220
RBMM7G	2 1/2" ISO7/1	143	117	108	99	2,240
RBMM8G	3" ISO7/1	145	132	121	108	2,600
RBMM10G	4" ISO7/1	144	152	145	135	3,700
RBMM1NG	1/2" NPT	99	35	30	27	0,125
RBMM2NG	3/4" NPT	97,5	40	35	32	0,150
RBMM3NG	1" NPT	110,5	48	42	40	0,235
RBMM4NG	1 1/4" NPT	121	60	55	59	0,640
RBMM5NG	1 1/2" NPT	125	75	70	67	0,960
RBMM6NG	2" NPT	123	90	84	77	1,220
RBMM7NG	2 1/2" NPT	143	117	108	99	2,240
RBMM8NG	3" NPT	145	132	121	108	2,600
RBMM10NG	4" NPT	144	152	145	135	3,700
RBMM1IG	M20x1,5	99	35	30	27	0,125
RBMM2IG	M25x1,5	97,5	40	35	32	0,150
RBMM3IG	M32x1,5	110,5	48	42	40	0,235
RBMM4IG	M40x1,5	121	60	55	59	0,640
RBMM5IG	M50x1,5	125	75	70	67	0,960
RBMM6IG	M63x1,5	123	90	84	77	1,220
RBMM7IG	M75x1,5	143	117	108	99	2,240
RBMM8IG	M90x1,5	145	132	121	108	2,600
RBMM10IG	M100x1,5	144	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 **RBMM1S**)
- Available also in nickel-plated brass (example code **RBMM1B**)