



**Description**

Gate valve with female threads. It is suitable for use with cold water, hot water and steam at low pressure. It satisfies the requirements of PED 97/23/CE Directive, according to which, it is exempted from CE marking according to 3.3 paragraph.

**Versions and product code**

**ISO228 Parallel thread connections**

Product code	Connections
R55Y002	3/8"
R55Y003	1/2"
R55Y004	3/4"
R55Y005	1"
R55Y006	1 1/4"
R55Y007	1 1/2"
R55Y008	2"
R55Y009	2 1/2"
R55Y010	3"
R55Y012	4"

**BSP taper thread connections**

Product code	Connections
R55ZY002	3/8"
R55ZY003	1/2"
R55ZY004	3/4"
R55ZY005	1"
R55ZY006	1 1/4"
R55ZY007	1 1/2"
R55ZY008	2"

**NPT thread connections**

Product code	Connections
R55UY002	3/8"
R55UY003	1/2"
R55UY004	3/4"
R55UY005	1"
R55UY006	1 1/4"
R55UY007	1 1/2"
R55UY008	2"
R55UY009	2 1/2"
R55UY010	3"

**Technical data**

**Main features and materials**

- Suitable for plumbing systems.
- Connections: F x F (ISO 228 - BSP - NPT)
- Body: UNI EN 12165 - CW 617N (3/8"÷3")  
UNI 7013 - CuSn5Zn5Pb5 (4").
- Particulars in forged brass (UNI EN 12165 - CW 617N) and machined from bar (UNI EN 12164 - CW 614 N).
- PTFE external sealing.
- Handwheel: Aluminium (3/8"÷3").  
Steel plate laminated with epoxy red (4").
- Zinc plated steel nut for fixing of the handwheel.

**Field of applications**

- Temperature range: 5÷110 °C (41÷230 °F)
- Max. working pressure: 16 bar / 232 psi (a 23 °C / 73 °F)  
10 bar / 145 psi (a 95 °C / 203 °F)

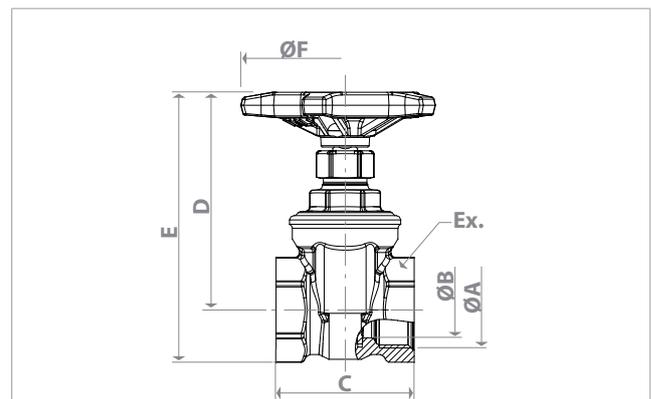
**Valves Kv**

Size	Kv	Size	Kv
3/8"	8	1 1/2"	180
1/2"	12	2"	290
3/4"	36	2 1/2"	400
1"	61	3"	670
1 1/4"	90	4"	1202

**Installation**

Gate valves can be horizontally or vertically installed. The slow and proportional manoeuvre avoid the water hammer phenomenon. We recommend to pay attention during the installation phase, above all for the small dimensions, avoiding forcing the pipe screwing and deforming the sealing seats. Gate valves can also work in intermediate positions of the stroke, so as to partialize the capacity into pipes.

**Dimensions**

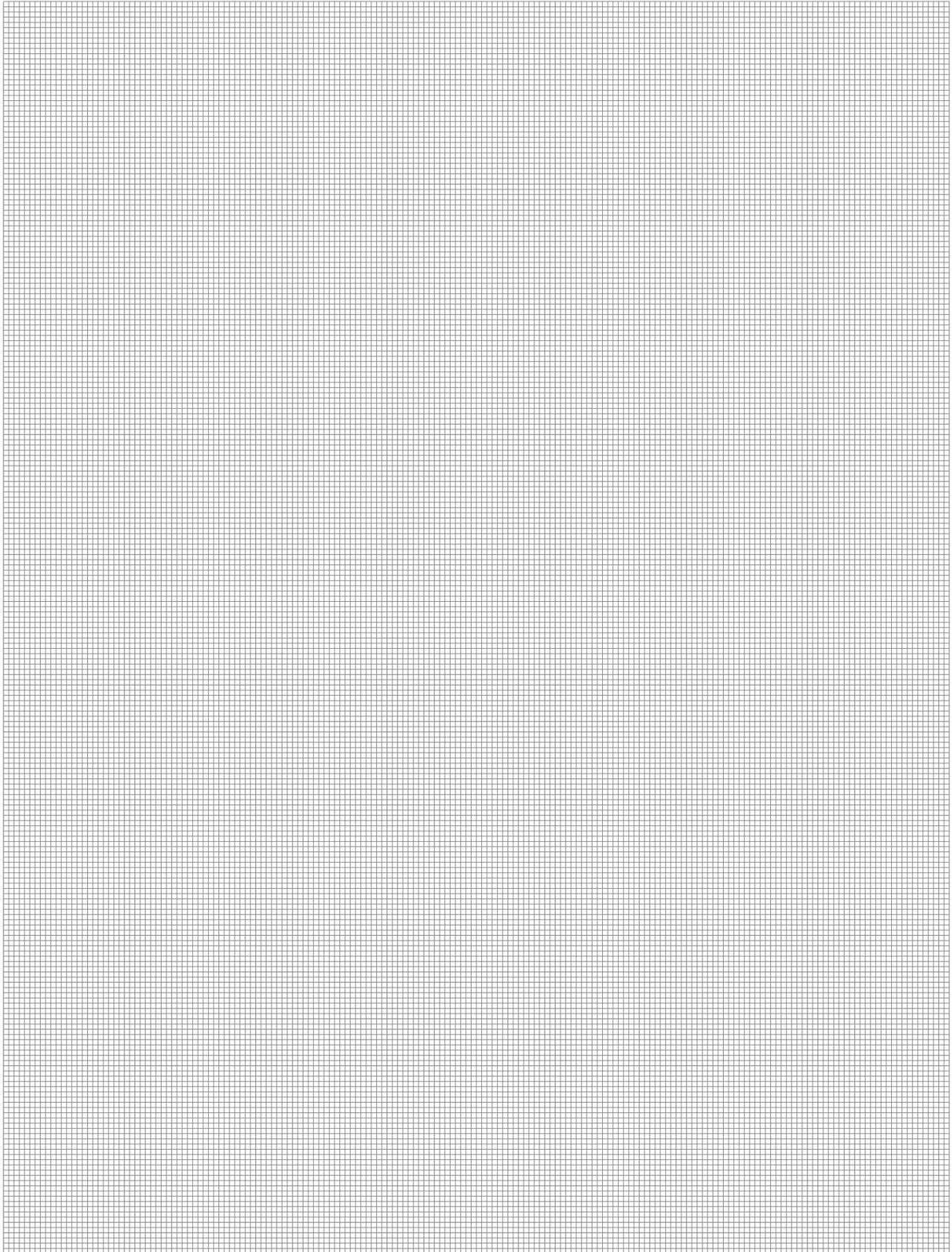


Size (Ø A)	Ø B [mm]	C [mm]	D [mm]	Ex.	E [mm]	Ø F [mm]
3/8"	12	37	60	22	72	59
1/2"	14	43	64	26	79	59
3/4"	19	48	76	33	94	72
1"	25	54	87	40	109	72
1 1/4"	32	62	96	49	130	84
1 1/2"	38	64	116	55	147	95
2"	51	76	140	69	178	108
2 1/2"	60	80	186	84	233	145
3"	70	84	198	98	256	145
4"	93	96	240	-	-	120

**Product specifications**

**R55**

Gate valve with female threads. It is suitable for use with cold water, hot water and steam at low pressure. Body: brass UNI EN 12165 - CW 617N (3/8"÷3"); bronze UNI 7013 - CuSn5Zn5Pb5 (4"). Particulars in forged brass (UNI EN 12165 - CW 617N) and machined from bar (UNI EN 12164 - CW 614 N). PTFE external sealing. Handwheel: Aluminium (3/8"÷3"); Steel plate laminated with epoxy red (4"). Zinc plated steel nut for fixing of the handwheel. Temperature range 5÷110 °C (41÷230 °F). Max. working pressure 16 bar / 232 psi (a 23 °C / 73 °F); 10 bar / 145 psi (a 95 °C / 203 °F). It satisfies the requirements of PED 97/23/CE Directive, according to which, it is exempted from CE marking according to 3.3 paragraph.



**Additional information**

For additional information please check the website [www.giacomini.com](http://www.giacomini.com) or contact the technical service: ☎ +39 0322 923372 📠 +39 0322 923255 ✉ [consulenza.prodotti@giacomini.com](mailto:consulenza.prodotti@giacomini.com)  
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Giacomini S.p.A. Via per Alzo, 39 - 28017 San Maurizio d'Opaglio (NO) Italy