



**giacoTech**

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GIACOTECH

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## GIACOTECH



- :
- Max. : 110°C
- Max : PN16
- Max : 1 MPa (10 bar)
- Max :
  - 0,14 MPa (1,4 bar), 3/8" - 1/2" - 3/4"
  - 0,04 MPa (0,4 bar), 1"



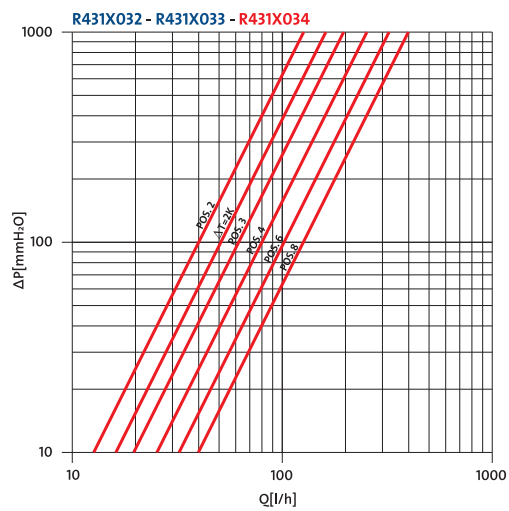
- , , : UNI EN 12165 CW617N
- : ABS
- : EP

Kv ( "  $\Delta = 2$  " )



### R431TG

		2	3	4	6	8	$\Delta T=2K$
R431X032	3/8" x 16	0,40	0,62	0,80	1,02	1,26	0,51
R431X033	1/2" x 16	0,40	0,62	0,80	1,02	1,26	0,51
R431X034	1/2" x 18	0,40	0,62	0,80	1,02	1,26	0,51



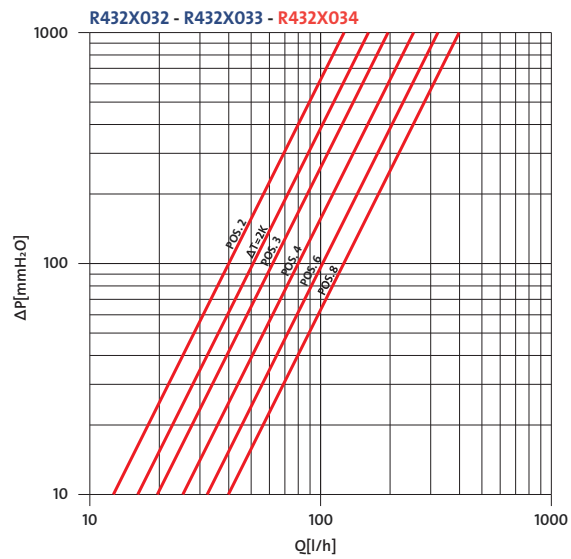
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GIACOTECH





R432TG

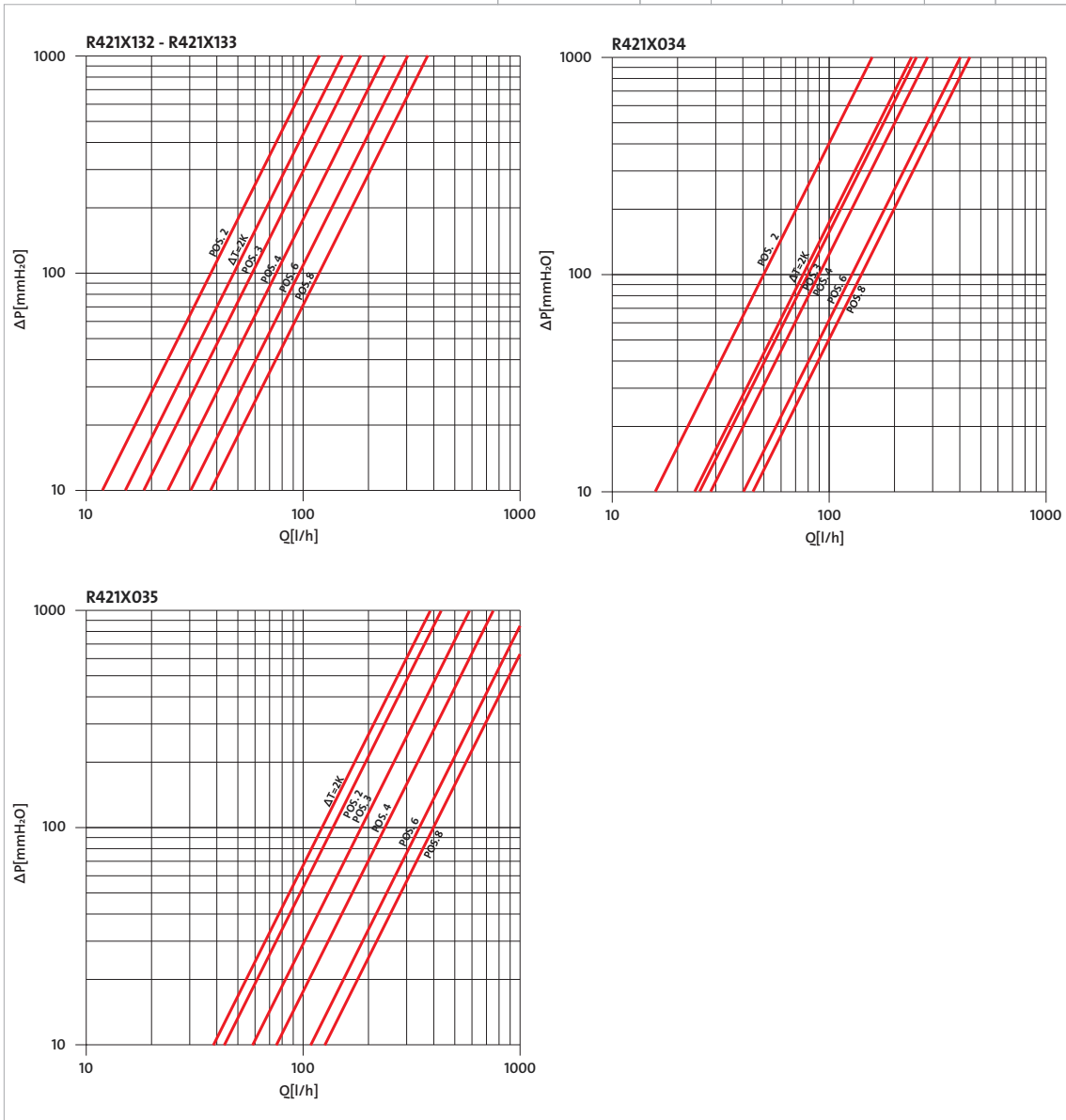
		2	3	4	6	8	$\Delta T=2K$
R432X032	3/8" x 16	0,40	0,62	0,80	1,02	1,26	0,51
R432X033	1/2" x 16	0,40	0,62	0,80	1,02	1,26	0,51
R432X034	1/2" x 18	0,40	0,62	0,80	1,02	1,26	0,51



# R421TG



CEN			2	3	4	6	8	$\Delta T=2K$
	R421X132	3/8" x 3/8"	0,40	0,58	0,78	1,00	1,26	0,51
	R421X133	1/2" x 1/2"	0,42	0,62	0,80	1,02	1,26	0,51
	R421X034	3/4" x 3/4" *	0,50	0,80	0,90	1,25	1,41	0,76
	R421X035	1" x 1" *	1,37	1,85	2,38	3,36	3,98	1,22





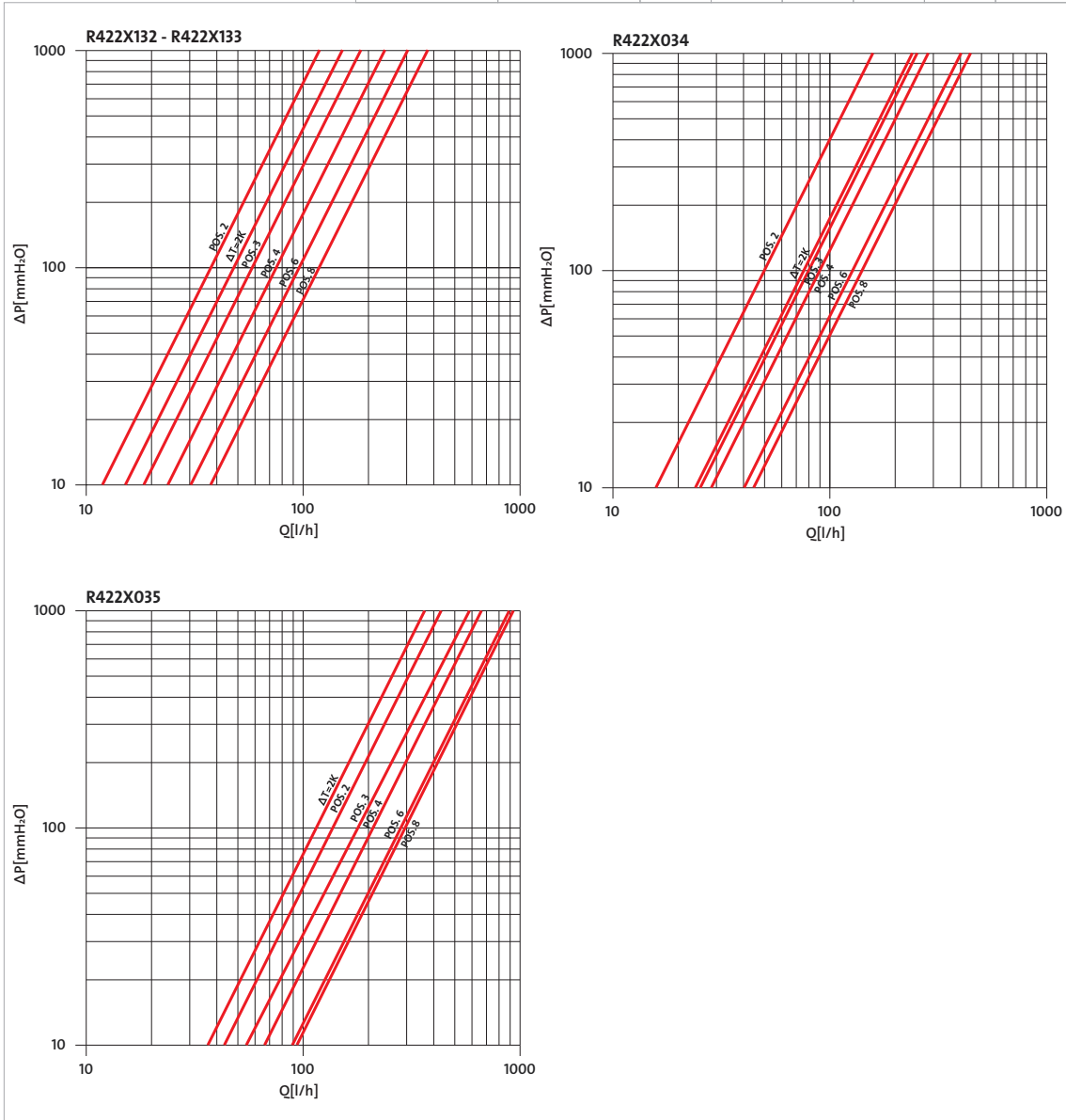
M  
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**GIACOTECH**

**R422TG**



CEN			2	3	4	6	8	ΔT=2K
	R422X132	3/8" x 3/8"	0,40	0,58	0,78	1,00	1,26	0,51
	R422X133	1/2" x 1/2"	0,42	0,62	0,80	1,02	1,26	0,51
	R422X034	3/4" x 3/4" *	0,50	0,80	0,90	1,25	1,41	0,76
	R422X035	1" x 1" *	1,37	1,73	2,10	2,82	2,95	1,15

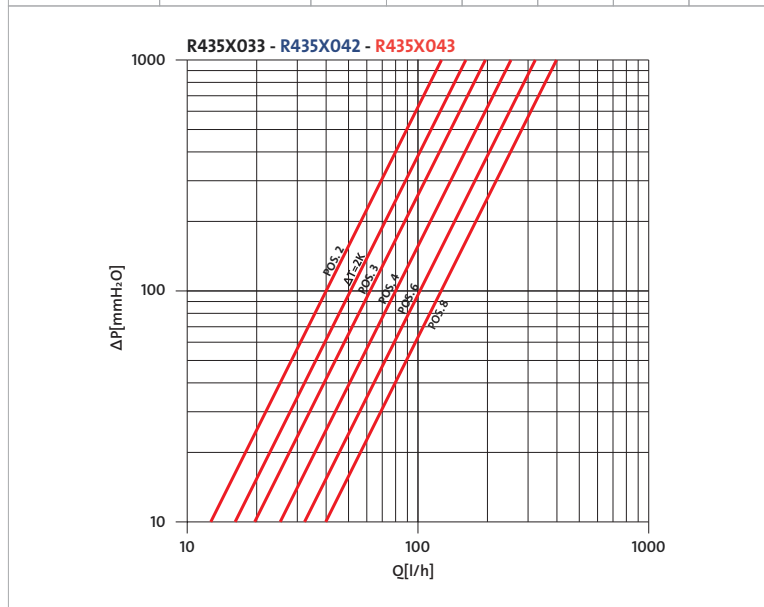




# R435TG



		2	3	4	6	8	$\Delta T=2K$
R435X033	1/2" x 1/2"	0,40	0,62	0,80	1,02	1,26	0,51
R435X042	1/2" x 16	0,40	0,62	0,80	1,02	1,26	0,51
R435X043	1/2" x 18	0,40	0,62	0,80	1,02	1,26	0,51





M

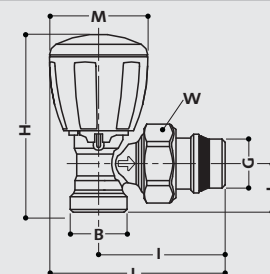
A

## GIACOTECH

(mm)

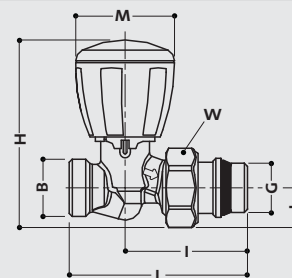
### R431TG

	GxB	H	I	J	L	M	W
R431X032	3/8" x 16	75	53	21	74	42	30
R431X033	1/2" x 16	75	53	21	74	42	30
R431X034	1/2" x 18	75	53	21	74	42	30



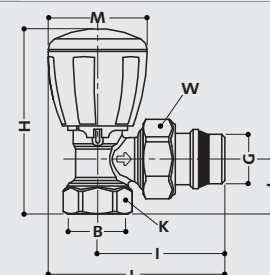
### R432TG

	GxB	H	I	J	L	M	W
R432X032	3/8" x 16	79	51	17	74	42	30
R432X033	1/2" x 16	79	51	17	75	42	30
R432X034	1/2" x 18	79	51	17	76	42	30



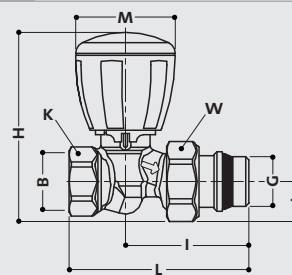
### R421TG

CEN		GxB	H	I	J	K	L	M	W
	R421X132	3/8" x 3/8"	74	51	20	22	72	42	27
	R421X133	1/2" x 1/2"	78	53	23	26	74	42	30
	R421X034	3/4" x 3/4"	79	60	25	32	81	42	38
	R421X035	1" x 1"	97	72	31	39	94	42	46



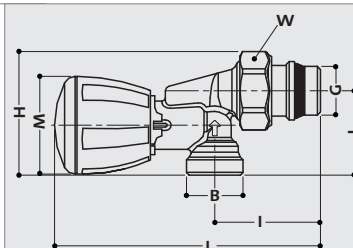
### R422TG

CEN		GxB	H	I	J	K	L	M	W
	R422X132	3/8" x 3/8"	77	51	15	22	71	42	27
	R422X133	1/2" x 1/2"	79	51	17	26	82	42	30
	R422X034	3/4" x 3/4"	83	55	21	32	81	42	38
	R422X035	1" x 1"	95	64	26	39	105	42	46



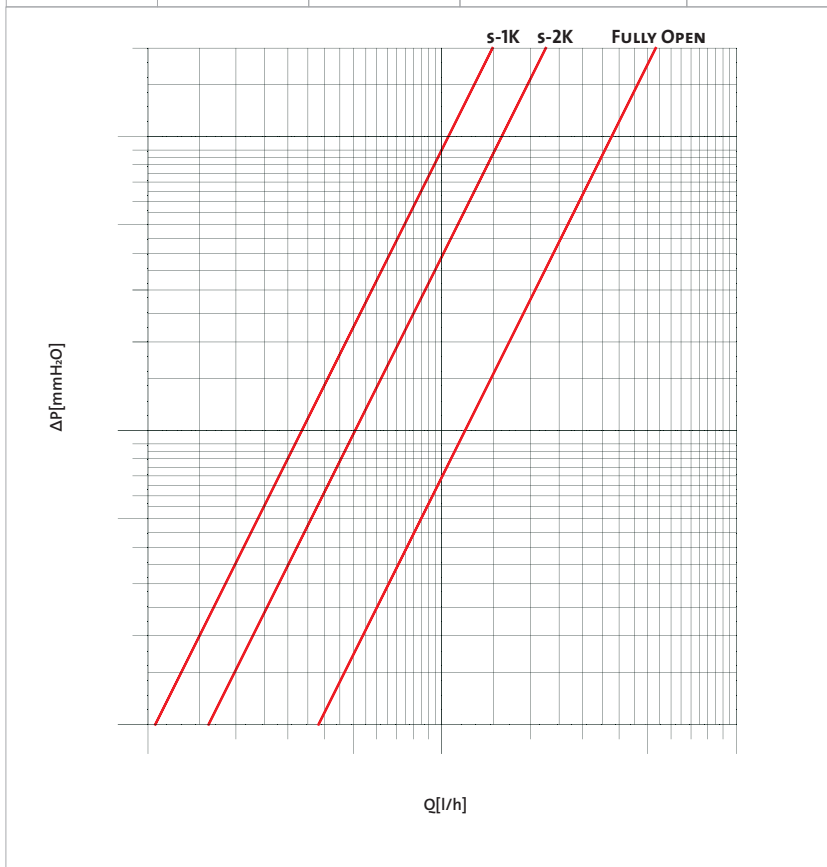
### R435TG

	GxB	H	I	J	K	L	M	W
R435X033	1/2" x 1/2"	53	45	36	25	113	42	30
R435X042	1/2" x 16	53	45	36	-	113	42	30
R435X043	1/2" x 18	53	45	37	-	113	42	30



## CEN - EN215

			qmNH	
R421X132 R422X132	3/8"	R452	130 Kg/h	0,894
R421X133 R422X133	1/2"	R452	130 Kg/h	0,894
R421X132 R422X132	3/8"	R456	150 Kg/h	0,858
R421X133 R422X133	1/2"	R456	150 Kg/h	0,858
R421X132 R422X132	3/8"	R470	150 Kg/h	0,858
R421X133 R422X133	1/2"	R470	150 Kg/h	0,858



: 0,8K (R452) 0,4K (R456, R470)

R452, R456, R470: 8°C \*

Min  
Max

: 10 bar

M  
T  
A

## GIACOTECH

### GIACOTECH

36°

1°C.

10 bar

- :
- Max. : 110°C
- Max. : PN16
- Max. : 1 MPa (10 bar)
- Max.
  - 0,14 MPa (1,4 bar), 3/8" - 1/2" - 3/4" ( F )
  - 0,07 MPa (0,7 bar), 3/4" ( F )
  - 0,04 MPa (0,4 bar), 1"

- , - : UNI EN 12165 CW617N
- : PP-H
- : EP

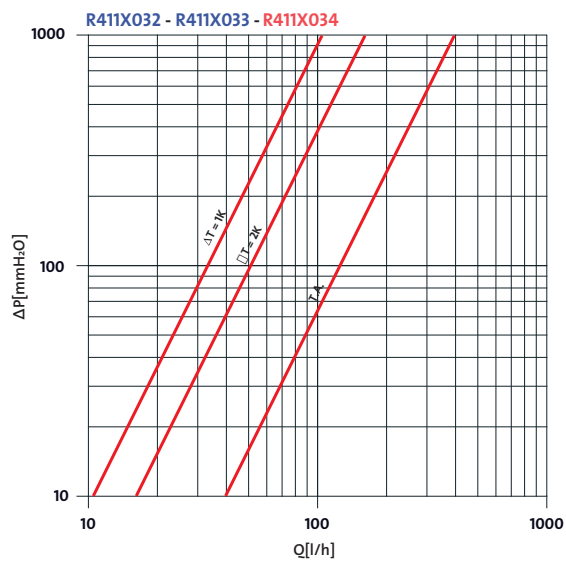
Kv

$\Delta = 2$  . . =



**R411TG**

		$\Delta T=1K$	$\Delta T=2K$	T.A.
R411X032	3/8" x 16	0,33	0,51	1,26
R411X033	1/2" x 16	0,33	0,51	1,26
R411X034	1/2" x 18	0,33	0,51	1,26



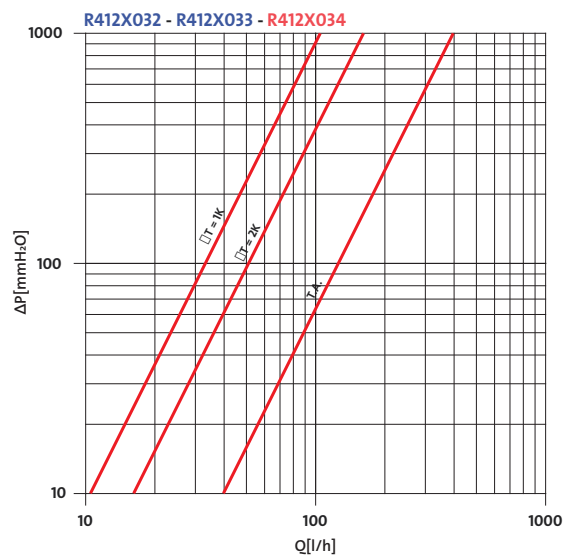
M  
T  
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GIACOTECH



R412TG

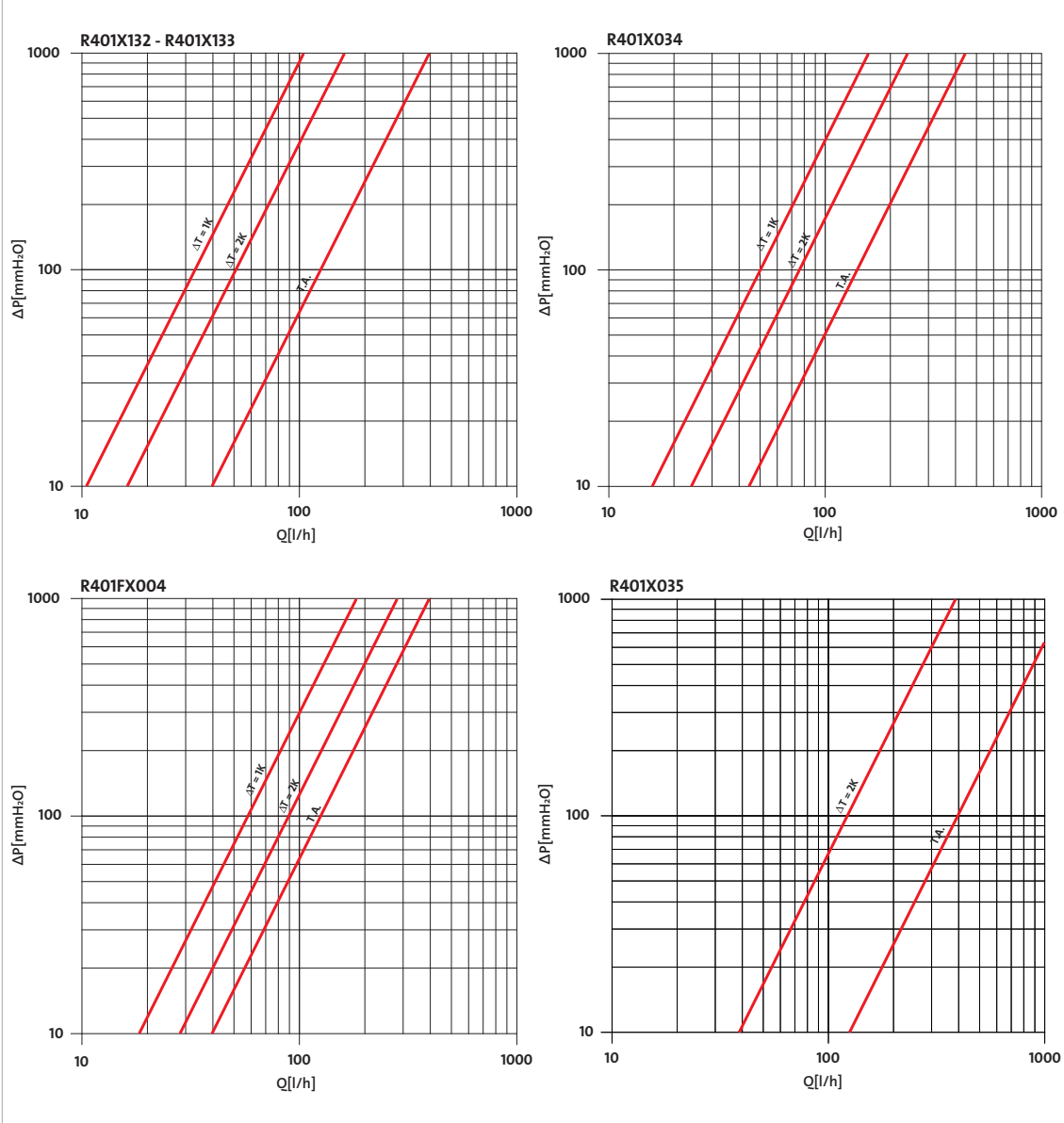
		$\Delta T=1K$	$\Delta T=2K$	T.A.
R412X032	3/8" x 16	0,33	0,51	1,26
R412X033	1/2" x 16	0,33	0,51	1,26
R412X034	1/2" x 18	0,33	0,51	1,26



# R401TG






CEN			$\Delta T=1K$	$\Delta T=2K$	T.A.
	R401X132	3/8" x 3/8"	0,33	0,51	1,26
	R401X133	1/2" x 1/2"	0,33	0,51	1,26
	R401FX004	3/4" x 3/4" *	0,60	0,92	3,54
	R401X034	3/4" x 3/4" *	0,50	0,76	1,41
	R401X035	1" x 1" *	-	1,22	3,98

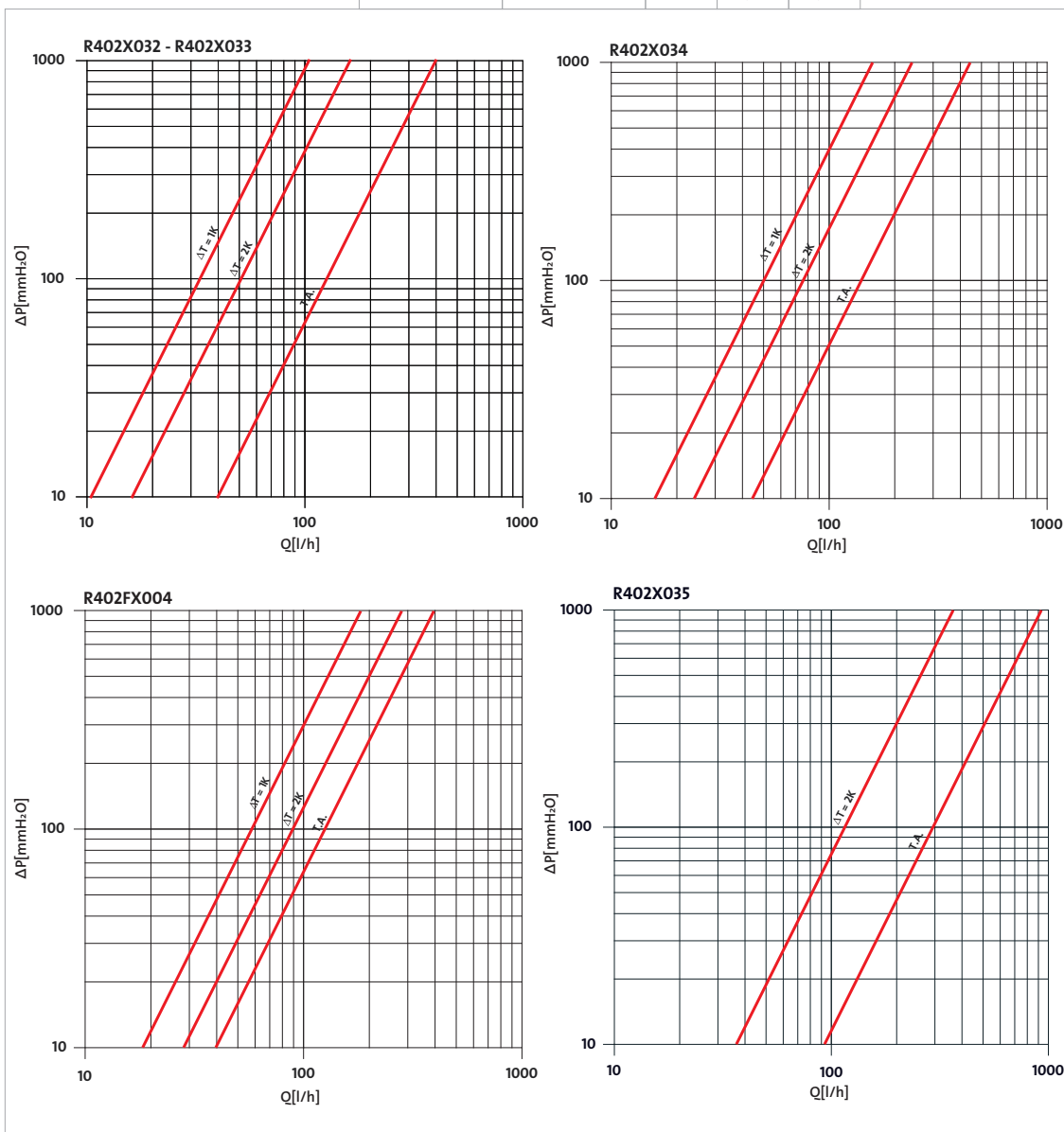


## GIACOTECH

## R402TG



CEN			$\Delta T=1K$	$\Delta T=2K$	T.A.
	R402X132	3/8" x 3/8"	0,33	0,51	1,26
	R402X133	1/2" x 1/2"	0,33	0,51	1,26
	R402FX004	3/4" x 3/4" *	0,60	0,92	2,67
	R402X034	3/4" x 3/4" *	0,50	0,76	1,41
	R402X035	1" x 1" *	-	1,15	2,95

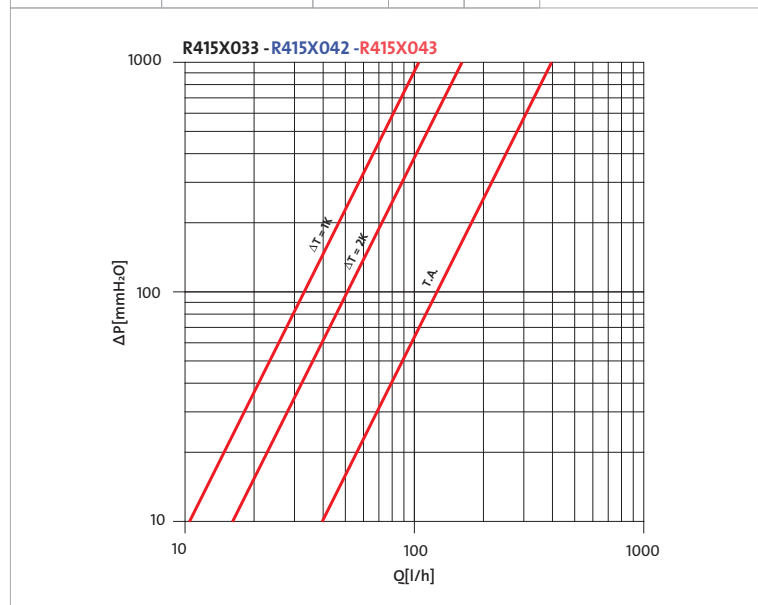




# R415TG



CEN			$\Delta T=2K$	$\Delta T=2K$	T.A.
	R415X033	1/2" x 1/2"	0,33	0,51	1,26
	R415X042	1/2" x 16	0,33	0,51	1,26
	R415X043	1/2" x 18	0,33	0,51	1,26



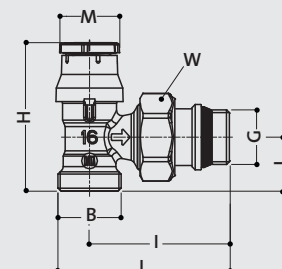
M  
T  
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## GIACOTECH

(mm)

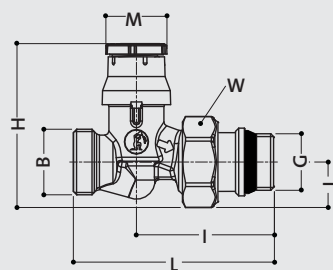
## R411TG

	GxB	H	I	J	L	M	W	H <sub>MAX</sub> *
R411X032	3/8" x 16	56	53	21	66	23	30	113
R411X033	1/2" x 16	56	53	21	66	23	30	113
R411X034	1/2" x 18	56	53	21	66	23	30	113



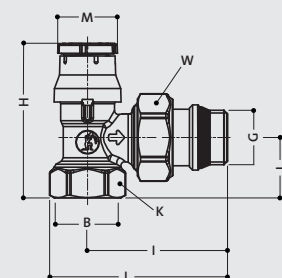
## R412TG

	GxB	H	I	J	L	M	W	H <sub>MAX</sub>
R412X032	3/8" x 16	60	51	17	74	23	30	117
R412X033	1/2" x 16	60	51	17	75	23	30	117
R412X034	1/2" x 18	60	51	17	76	23	30	117



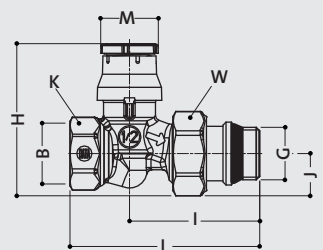
## R401TG

CEN		GxB	H	I	J	K	L	M	W	H <sub>MAX</sub> *
	R401X132	3/8" x 3/8"	55	51	20	22	64	23	27	112
	R401X133	1/2" x 1/2"	59	53	23	26	68	23	30	116
	R401FX004	3/4" x 3/4"	68	58	26	32	76	23	38	125
	R401X034	3/4" x 3/4"	60	60	25	32	78	23	38	117
	R401X035	1" x 1"	78	72	31	39	94	23	46	135



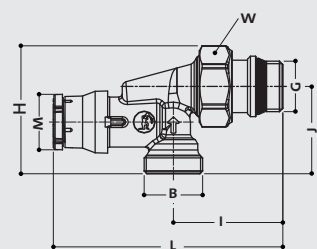
## R402TG

CEN		GxB	H	I	J	K	L	M	W	H <sub>MAX</sub> *
	R402X132	3/8" x 3/8"	58	54	15	22	76	23	27	115
	R402X133	1/2" x 1/2"	60	55	17	26	82	23	30	117
	R402FX004	3/4" x 3/4"	70	61	22	32	93	23	38	127
	R402X034	3/4" x 3/4"	64	55	21	32	81	23	38	121
	R402X035	1" x 1"	76	64	26	39	105	23	46	133



## R415TG

CEN		GxB	H	I	J	K	L	M	W	L <sub>MAX</sub>
	R415X033	1/2" x 1/2"	53	45	36	25	94	23	30	151
	R415X042	1/2" x 16	53	45	36	-	94	23	30	151
	R415X043	1/2" x 18	53	45	37	-	94	23	30	151

\* H<sub>MAX</sub> and L<sub>MAX</sub> max

## CEN - EN215

			qmNH 130 Kg/h	Authority of the shutter	Z (min)	W(K)
R401X132 R402X132	3/8"	R452	130 Kg/h	0,894	32	1,48
R401X133 R402X133	1/2"	R452	130 Kg/h	0,894		
R401FX004	3/4"	R452	240 Kg/h	0,954		
R402FX004	3/4"	R452	240 Kg/h	0,919		
R401X132 R402X132	3/8"	R456	150 Kg/h	0,858	30	1,46
R401X133 R402X133	1/2"	R456	150 Kg/h	0,858		
R401FX004	3/4"	R456	250 Kg/h	0,950		
R402FX004	3/4"	R456	250 Kg/h	0,912		
R401X132 R402X132	3/8"	R470	150 Kg/h	0,858	26	1,42
R401X133 R402X133	1/2"	R470	150 Kg/h	0,858		
R401FX004	3/4"	R470	250 Kg/h	0,950		
R402FX004	3/4"	R470	250 Kg/h	0,912		
R415X033	1/2"	R452	140 Kg/h	0,877	32	1,48
R415X033	1/2"	R456	180 Kg/h	0,796	30	1,46
R415X033	1/2"	R470	180 Kg/h	0,796	26	1,42

Min  
Max

: 0,8K (R452) 0,4K (R456, R470)  
R452, R456, R470: 8°C \*  
: 10 bar



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# GIACOTECH

GIACOTECH

R462  
(R478 /R478M -

, R463

, R473/R473M -

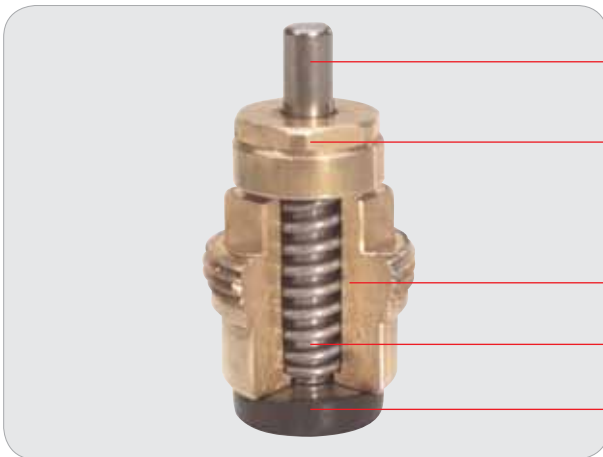
(R452),

(R470, R456,

)



GIACOTECH



EP

UNI EN 12164 CW617N

GIACOTECH



- :
- Max : 110°C
- Max : PN16

- , , : UNI EN 12165 CW617N
- : ABS
- : EP

M  
T  
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GIACOTECH

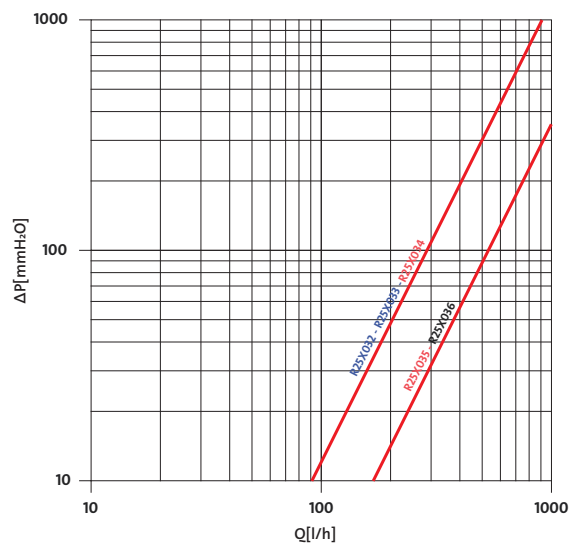
Kv

R25TG



\*

		Kv
R25X032	3/8" x 16	2,88
R25X033	1/2" x 16	2,88
R25X034	1/2" x 18	2,88
R25X035	3/4" x 18*	5,34
R25X036	3/4" x 22*	5,34

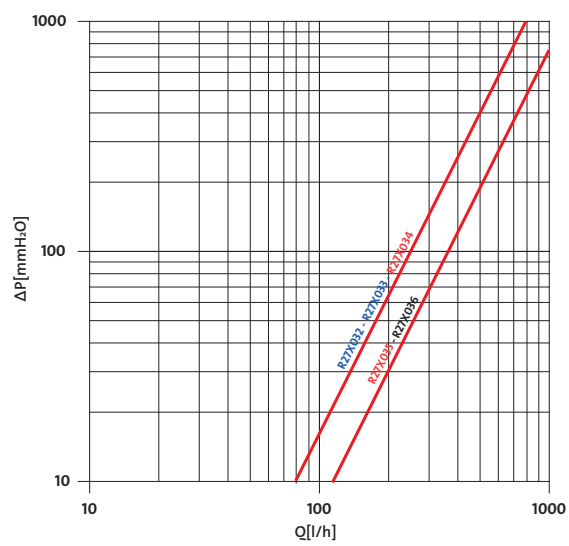


## R27TG



\*

		Kv
R27X032	3/8" x 16	2,50
R27X033	1/2" x 16	2,50
R27X034	1/2" x 18	2,50
R27X035	3/4" x 18*	3,65
R27X036	3/4" x 22*	3,65





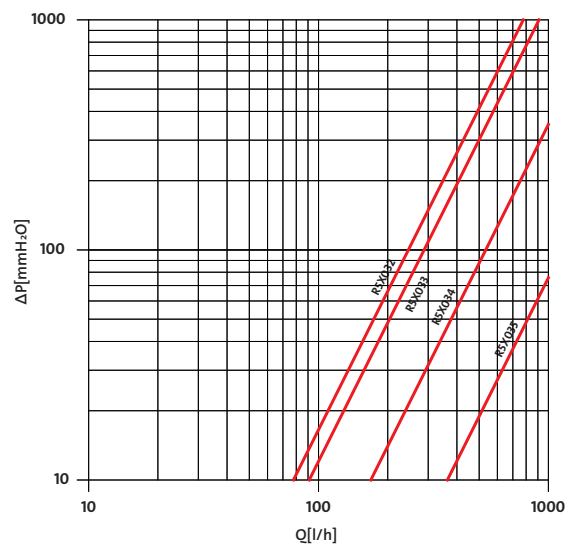
M

A

## GIACOTECH


**R5TG**

		Kv
R5X032	3/8" x 3/8"	2,46
R5X033	1/2" x 1/2"	2,88
R5X034	3/4" x 3/4" *	5,34
R5X035	1" x 1" *	11,50
R5X036	1" 1/4 x 1" 1/4 *	-

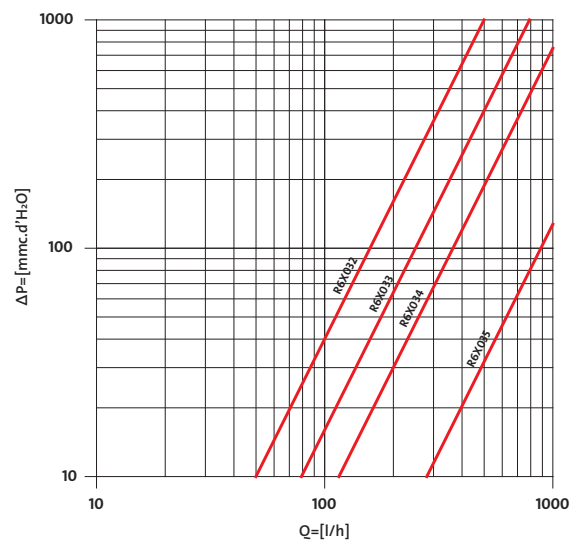




## R6TG



		Kv
R6X032	3/8" x 3/8"	1,58
R6X033	1/2" x 1/2"	2,50
R6X034	3/4" x 3/4" *	3,65
R6X035	1" x 1" *	8,45
R6X036	1" 1/4 x 1" 1/4 *	-





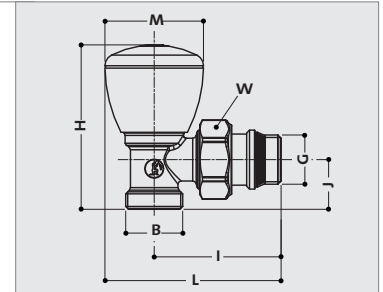
M

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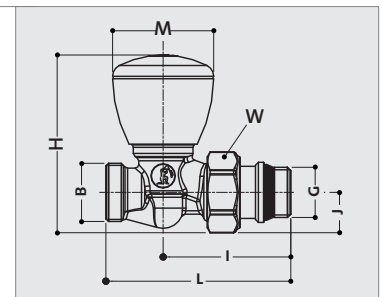
# GIACOTECH

(mm)

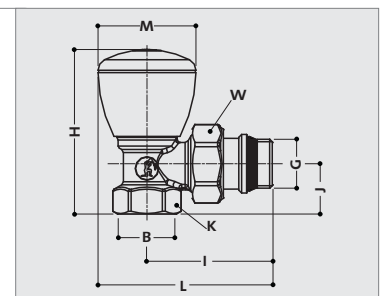
R25TG							
	GxB	H	I	J	L	M	W
R25X032	3/8" x 16	69	53	21	74	42	30
R25X033	1/2" x 16	69	53	21	74	42	30
R25X034	1/2" x 18	73	54	24	75	42	30
R25X035	3/4" x 18	79	60	24	84	49	38
R25X036	3/4" x 22	79	60	24	84	49	38



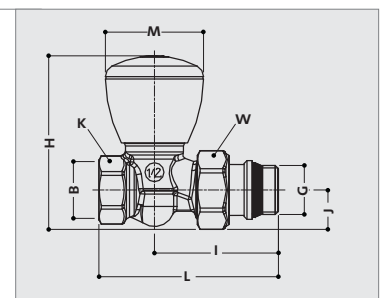
R27TG							
	GxB	H	I	J	L	M	W
R27X032	3/8" x 16	73	52	17	75	42	30
R27X033	1/2" x 16	73	52	17	76	42	30
R27X034	1/2" x 18	73	52	17	77	42	30
R27X035	3/4" x 18	87	55	21	81	49	38
R27X036	3/4" x 22	87	55	21	91	49	38



R5TG								
	GxB	H	I	J	K	L	M	W
R5X032	3/8" x 3/8"	65	50	19	22	71	42	27
R5X033	1/2" x 1/2"	70	53	21	26	74	42	30
R5X034	3/4" x 3/4"	79	60	23	32	84	49	38
R5X035	1" x 1"	87	68	30	39	92	49	46
R5X036	1" 1/4 x 1" 1/4	92	81	33	49	110	59	53



R6TG								
	GxB	H	I	J	K	L	M	W
R6X032	3/8" x 3/8"	69	51	15	22	72	42	27
R6X033	1/2" x 1/2"	73	52	17	26	76	42	30
R6X034	3/4" x 3/4"	86	55	21	32	81	49	38
R6X035	1" x 1"	93	69	26	39	106	49	46
R6X036	1" 1/4 x 1" 1/4	97	84	30	49	135	59	53



GIACOTECH



R73.

- :
  - Max. : 110°C
  - Max. : PN16
  
- , : UNI EN 12165 CW617N
- : EP



M

A

**GIACOTECH**

(n)

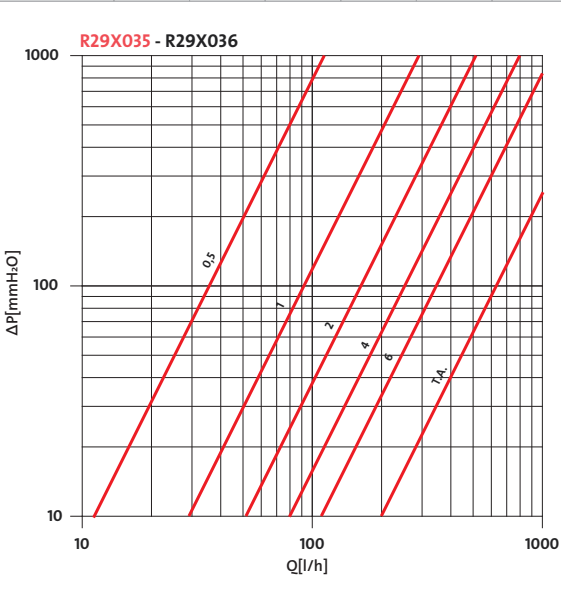
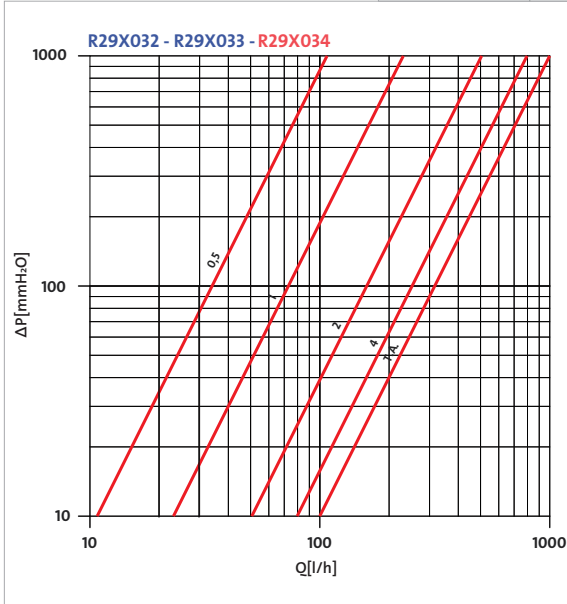
Kv

**R29TG**



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\*

		0,5	1	2	4	6	T.A.
R29X032	3/8" x 16	0,34	0,73	1,60	2,52	-	3,16
R29X033	1/2" x 16	0,34	0,73	1,60	2,52	-	3,16
R29X034	1/2" x 18	0,34	0,73	1,60	2,52	-	3,16
R29X035	3/4" x 18*	0,35	0,89	1,60	2,52	3,46	6,32
R29X036	3/4" x 22*	0,35	0,89	1,60	2,52	2,95	6,32

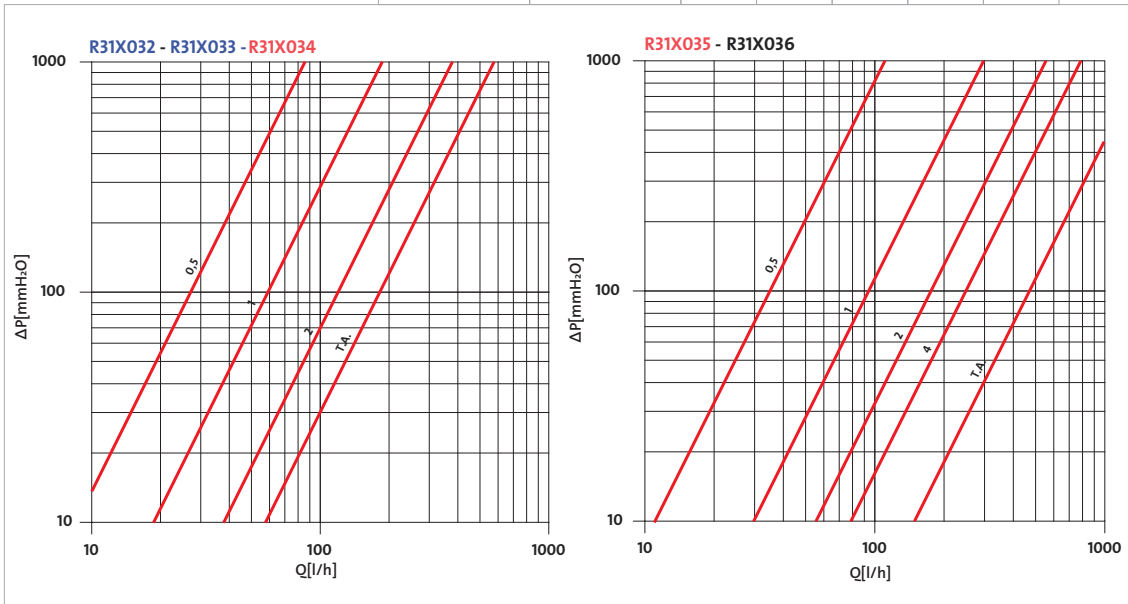


# R31TG



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		0,5	1	2	4	T.A.
R31X032	3/8" x 16	0,27	0,59	1,20	-	1,83
R31X033	1/2" x 16	0,27	0,59	1,20	-	1,83
R31X034	1/2" x 18	0,27	0,59	1,20	-	1,83
R31X035	3/4" x 18*	0,35	0,94	1,76	2,50	4,71
R31X036	3/4" x 22*	0,35	0,94	1,76	2,50	4,71





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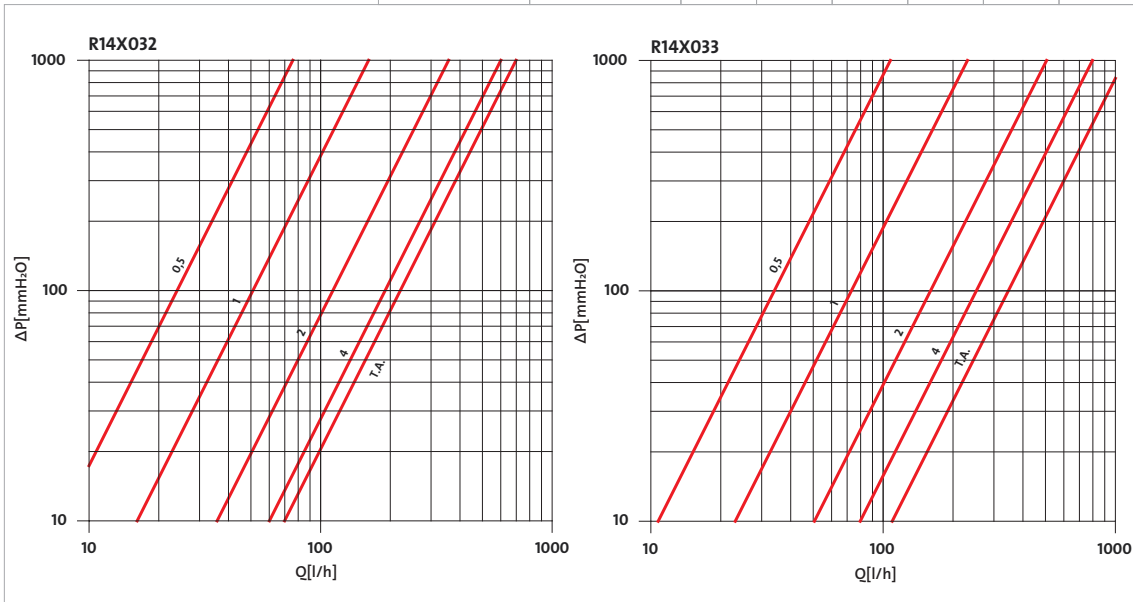
A

GIACOTECH

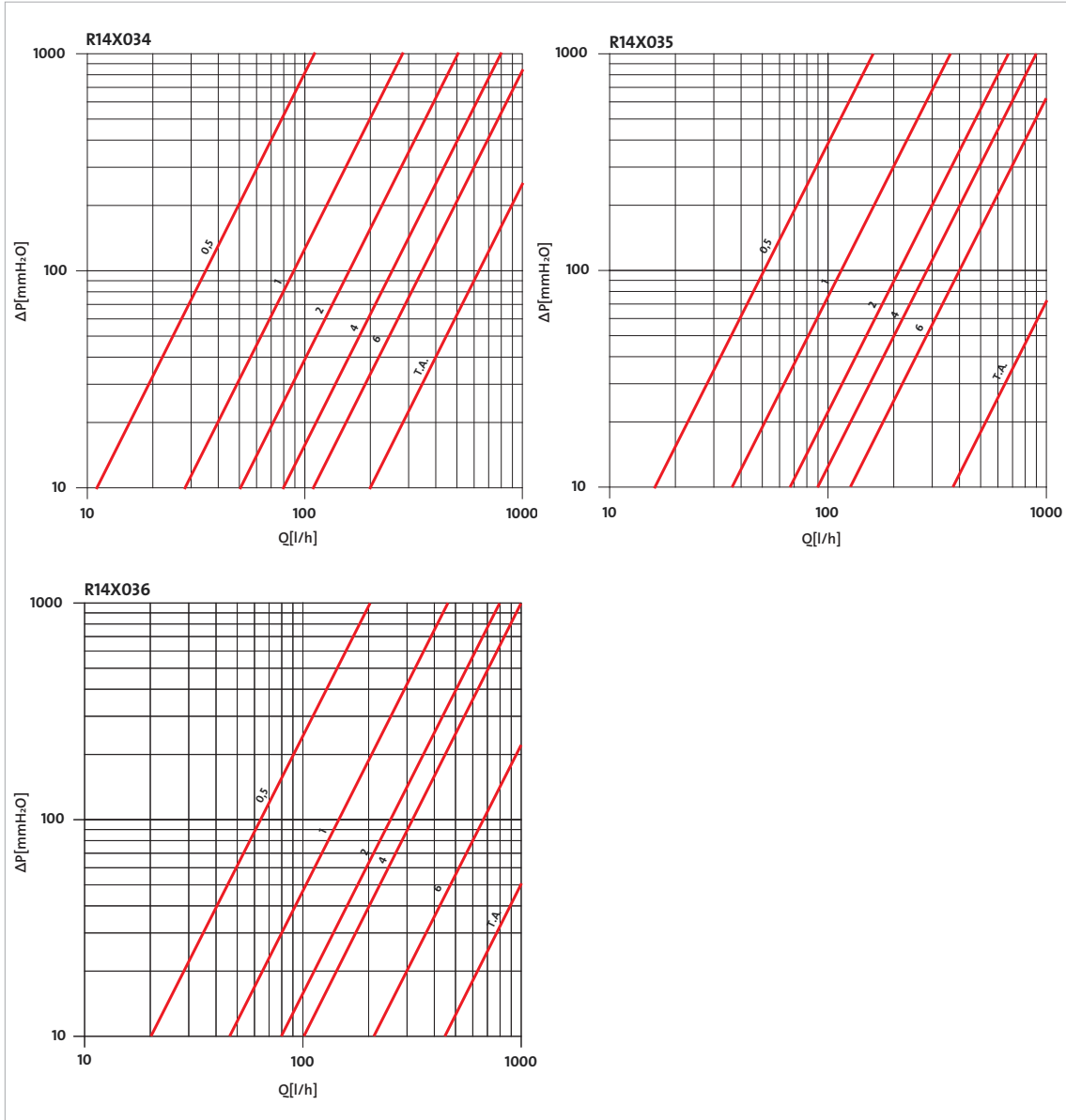
R14TG

\*  
\*

		0,5	1	2	4	6	T.A.
R14X032	3/8" x 3/8"	0,24	0,51	1,13	1,90	-	2,21
R14X033	1/2" x 1/2"	0,34	0,73	1,60	2,52	-	3,16
R14X034	3/4" x 3/4" *	0,35	0,89	1,60	2,52	3,46	6,32
R14X035	1" x 1" *	0,51	1,15	2,12	2,84	4,00	11,80
R14X036	1" 1/4 x 1" 1/4 *	0,64	1,46	2,52	3,20	6,70	14,10



# R14TG





MICROMETRIC, THERMOSTATIC VALVES  
THERMOSTATIC VALVES  
MANUAL VALVES

ACCESSORIES AND SPARE PARTS

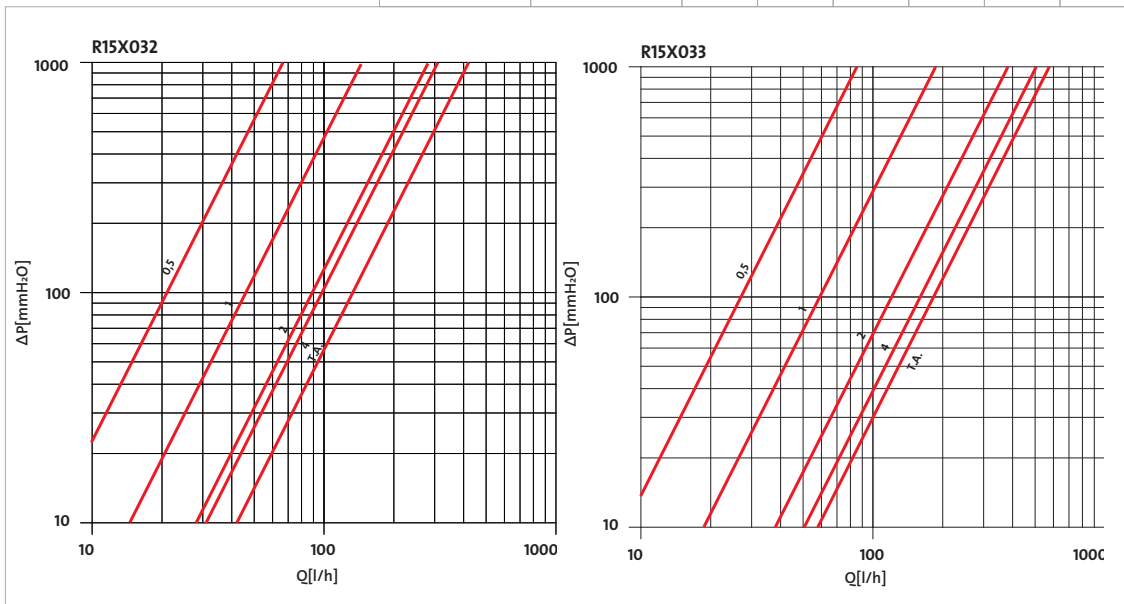
**GIACOTECH**

**R15TG**



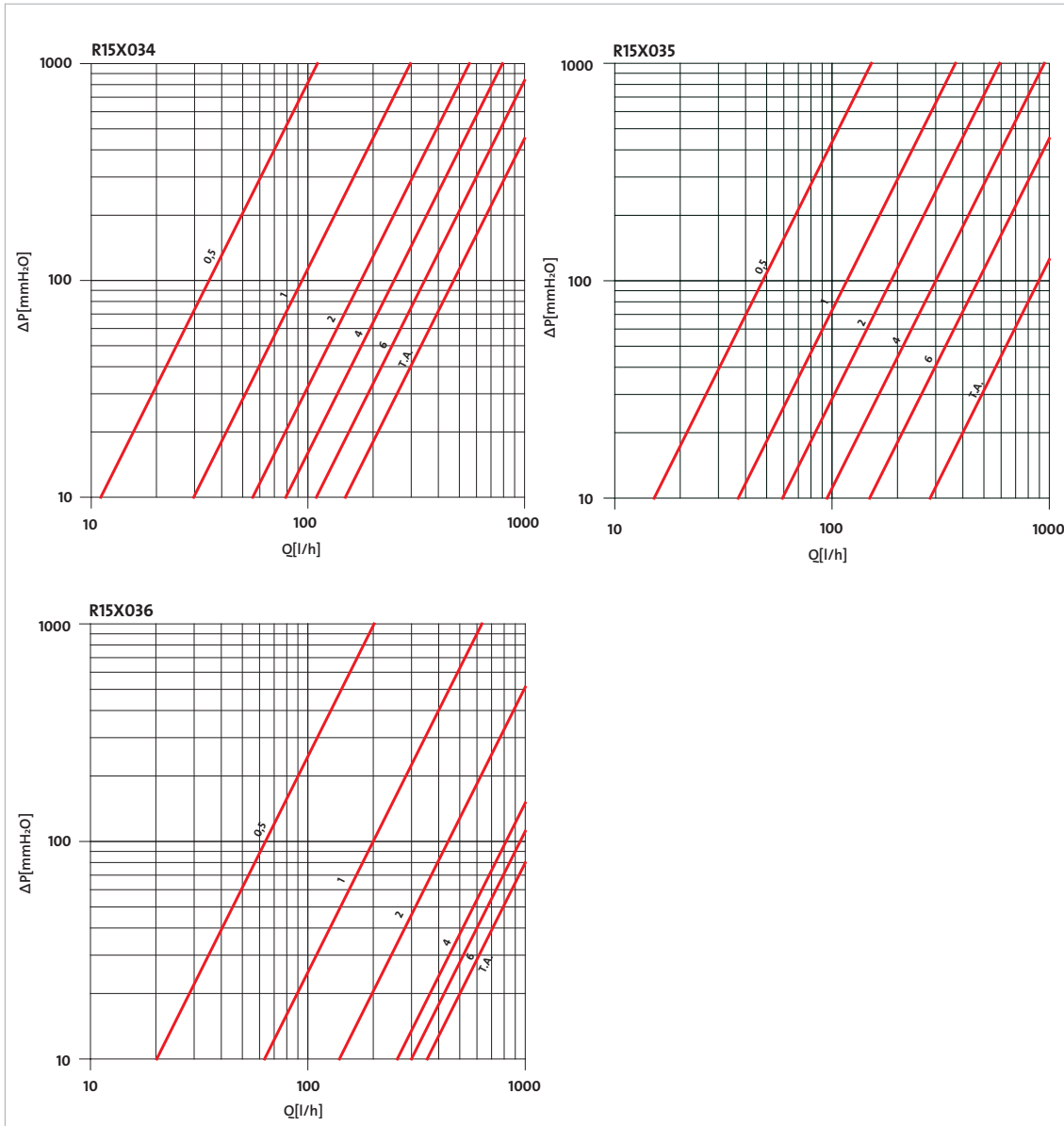
\*  
\*

		0,5	1	2	4	6	T.A.
R15X032	3/8" x 3/8"	0,21	0,46	0,89	0,98	-	1,33
R15X033	1/2" x 1/2"	0,27	0,59	1,20	1,60	-	1,83
R15X034	3/4" x 3/4" *	0,35	0,94	1,76	2,50	3,46	4,71
R15X035	1" x 1" *	0,48	1,17	1,87	3,00	4,71	8,94
R15X036	1" 1/4 x 1" 1/4*	0,70	2,00	4,42	8,16	9,48	11,20





# R15TG





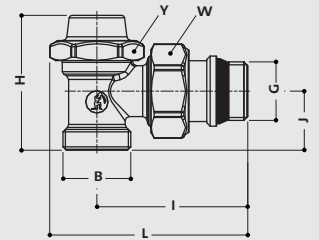
M

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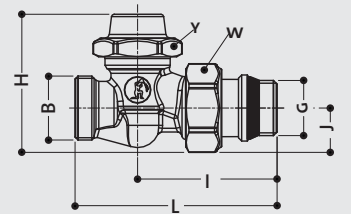
# GIACOTECH

(mm)

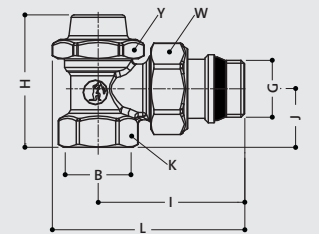
R29TG							
	GxB	H	I	J	L	W	Y*
R29X032	3/8" x 16	48	53	21	70	30	30
R29X033	1/2" x 16	48	53	21	70	30	30
R29X034	1/2" x 18	51	54	24	71	30	30
R29X035	3/4" x 18	54	60	24	79	38	35
R29X036	3/4" x 22	61	60	31	79	38	35



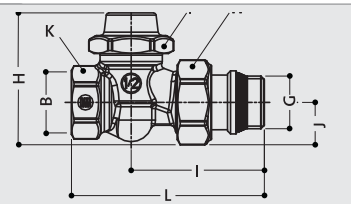
R31TG							
	GxB	H	I	J	L	W	Y*
R31X032	3/8" x 16	52	52	17	75	30	30
R31X033	1/2" x 16	52	52	17	75	30	30
R31X034	1/2" x 18	52	52	17	77	30	30
R31X035	3/4" x 18	62	54	21	81	38	35
R31X036	3/4" x 22	62	54	21	85	38	35



R14TG								
	GxB	H	I	J	K	L	W	Y*
R14X032	3/8" x 3/8"	44	50	19	22	65	27	27
R14X033	1/2" x 1/2"	48	53	21	26	70	30	30
R14X034	3/4" x 3/4"	54	60	23	32	79	38	35
R14X035	1" x 1"	72	68	30	39	90	46	40
R14X035	1" 1/4 x 1" 1/4	80	80	34	49	108	53	46



R15TG								
	GxB	H	I	J	K	L	W	Y*
R15X032	3/8" x 3/8"	48	51	15	22	71	27	27
R15X033	1/2" x 1/2"	52	52	17	26	76	30	30
R15X034	3/4" x 3/4"	62	55	21	32	81	38	35
R15X035	1" x 1"	78	69	26	39	106	46	40
R15X035	1" 1/4 x 1" 1/4	86	78	30	49	119	53	46

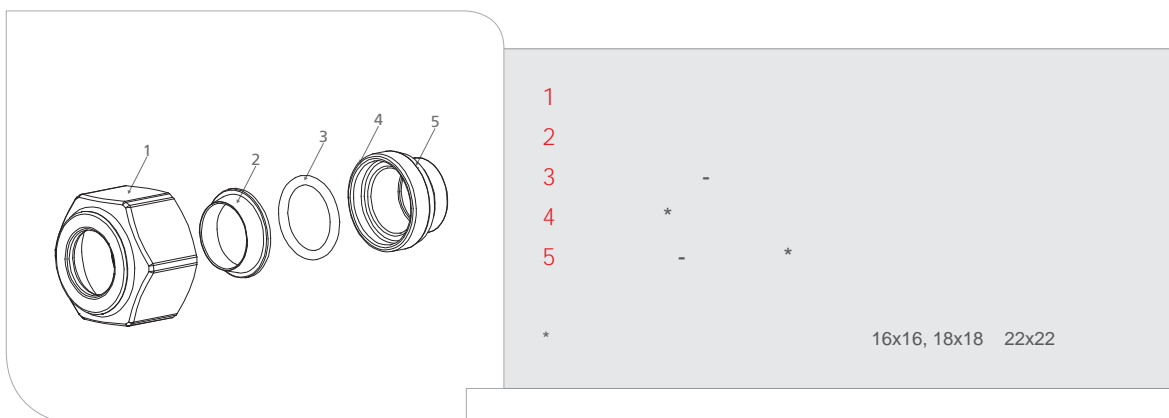


\* Y

3/8" 1/2"

▶ A

▶ R178 -



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

( - )

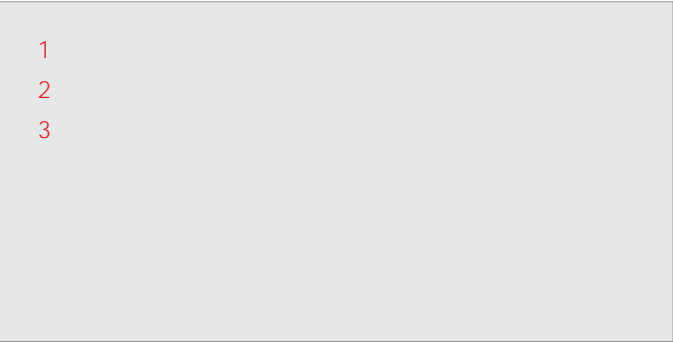
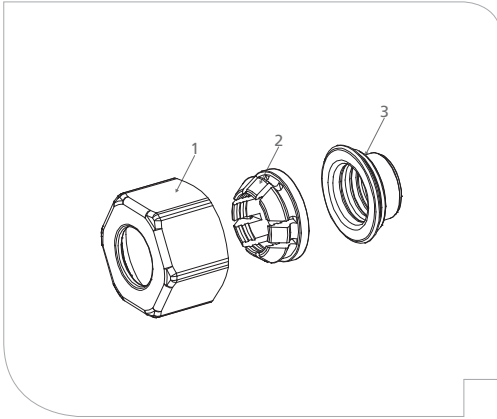


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# GIACOTECH

## ► R178C -

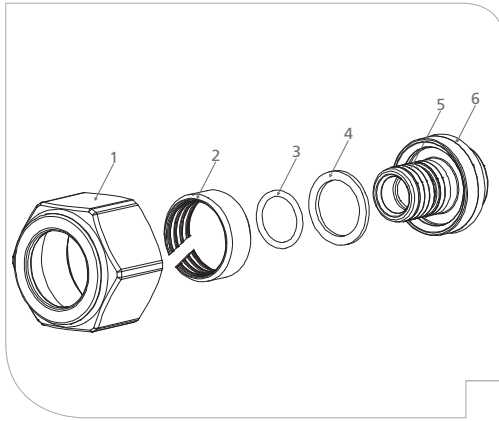


1  
2  
3

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

( )

► R179AM -



1		
2		
3	-	
4		(R179AM )
5		
6	-	

1. R990 ( RP204.
2. )  
:  
RP205;  
RP209 ( )
3. - ;  
(R179AM )
4. -
5. (4)



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# GIACOTECH

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( 3/8" 1/2" )

, GIACOMINI

GIACOTECH

R73 (

9mm 3/8" 1/2" 12mm 3/8" 1/2" ).

▶

## P15TG



- P15TGX002: 3/8"
- P15TGX003: 3/8"x16
- P15TGX004: 1/2"x16, 1/2"x18  
1/2"

P15TGX002	3/8"
P15TGX003	1/2" x 3/8"
P15TGX004	1/2"



## P15-2



P15X002:  
3/8"  
P15X009:  
3/8"X16

P15X002	3/8"	P18LX002
P15X003	1/2"	P18LX003
P15X004*	3/4"	P18LX004
P15X005*	1"	P18LX005
P15X006*	1" 1/4"	P18LX006
P15X009	1/2" x 3/8"	P18LX003

## P18L



P18LX002	5/8" x 3/8"
P18LX003	3/4" x 1/2"
P18LX004	1" x 3/4"
P18LX005	1" 1/4 x 1"
P18LX006	1" 1/2 x 1" 1/4"

R173 R173TG

, GIACOMINI

	G	Lmin	Lmax	Δ	
R173X002	3/8"	31	47	16	3/8"
R173X007	3/8"	31	47	16	3/8" x 16
R173X003	1/2"	34	50	16	1/2" x 16 - 1/2" x 18 - 1/2" x 12"
R173X004	3/4"	38	57	19	3/4" x 18 - 3/4" x 22 - 3/4" x 3/4"
R173X005	1"	42	63	21	1" x 1"
R173X006	1" 1/4"	50	74	24	1" x 1/4 x 1" x 1/4"

	G	Lmin	Lmax	Δ	
R173X032	3/8"	37	53	16	3/8"
R173X037	3/8"	37	53	16	3/8" x 16
R173X033	1/2"	38	54	16	1/2" x 16 - 1/2" x 18 - 1/2" x 12"

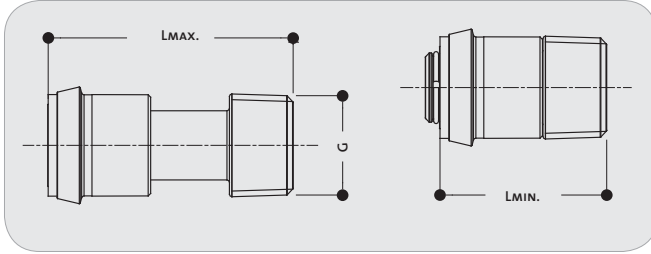
\*Lmax



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**GIACOTECH**



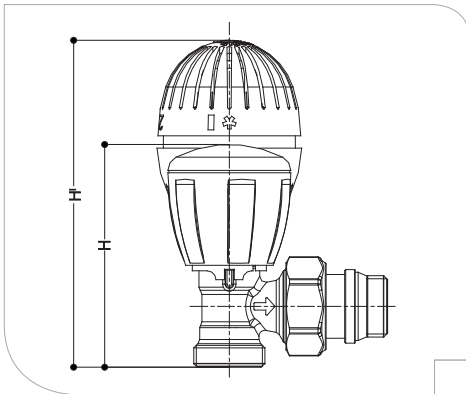
R173



R173TG

GIACOMINI,

R450TG



R147N

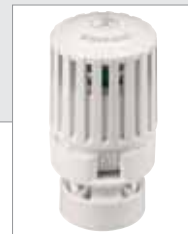
	R470X001	R456X101	R452X101
H-H	35	40	35



R470



R456



R452

**R452**



R452X101

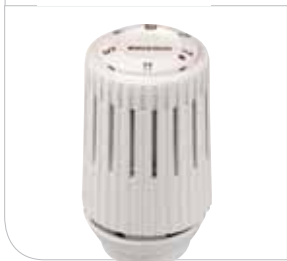
**R470**



R470X001



### R456



R456X101
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### R462



R462X002	2 m
R462X005	5 m
R462X010	10 m
R462X015	15 m

### R463



R463X002	2 m
R463X005	5 m
R463X010	10 m
R463X015	15 m

### R450TG



GIACOTECH

R450X012
R450X016



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## GIACOTECH

### P22B



P22BY007	3/8" -1/2"
P22BY008	3/4" -1"
P22BY009	1" 1/4

### P26A



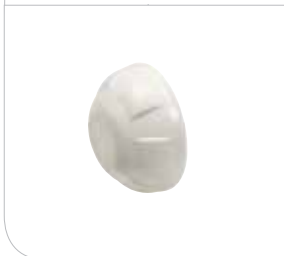
R15A, R29A, R31A.

P26AX002:  
3/8"P26AX003:  
1/2"  
3/8"x16, 1/2"x16 1/2"x18

R14A,

P26AX002	3/8"
P26AX003	1/2"
P26AX004	3/4"
P26AX005	1"
P26AX006	1" 1/4

### P26PD

P26PY012:  
3/8"P26PY013:  
1/2"  
3/8"x16, 1/2"x16 1/2"x18

P26PY012	3/8"
P26PY013	1/2"

### P12A



TRV

P12AX011	3/8" -1/2" -3/4"
P12AX002	3/4" DIN
P12AX003	1"
P12AX004	-

## R400



R400Y001
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## R79A



R79AY021
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## R73



10 3/8"  
13 1/2", 1/2" 3/8"  
P15TGX003

R73Y009	es.9
R73Y010	es.10
R73Y012	es.12
R73Y013	es.13

## R131



27/27

27/29

29/30

16

16, 18

3/8"

18

1/2"

R131Y001	24
R131Y002	27/27
R131Y003	27/29
R131Y004	29/30



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## GIACOTECH



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