

R18, R19, R18SP



Gas
Distribution



Water
Management

Three-piece fittings

Datasheet
0568EN 11/2019



R18









R19

Three-piece straight R18 or elbow fittings R19, chrome plated or brass finished, with female-tail piece male threaded connections.

Suitable for use in plumbing, gas distribution and solar thermal systems.

Versions and product codes

PRODUCT CODE	CONNECTIONS	TYPE	
R18Y002	G 3/8"F x G 3/8"M	 Brass finish	
R18Y003	G 1/2"F x G 1/2"M		
R18Y004	G 3/4"F x G 3/4"M		
R18Y005	G 1"F x G 1"M		
R18Y006	G 1-1/4"F x G 1-1/4"M		
R18Y017	G 1-1/2"F x G 1-1/2"M		
R18Y018	G 2"F x G 2"M		
R18Y007	Rc 1-1/2" x R 1-1/2"		 Chrome plated
R18Y008	Rc 2" x R 2"		
R18Y063	Rp 1/2" x R 1/2"		
R18Y064	Rp 3/4" x R 3/4"		
R18Y065	Rp 1" x R 1"		
R18X002	G 3/8"F x G 3/8"M		
R18X003	G 1/2"F x G 1/2"M		
R18X004	G 3/4"F x G 3/4"M		
R18X005	G 1"F x G 1"M		
R18X006	G 1-1/4"F x G 1-1/4"M		
R18X017	G 1-1/2"F x G 1-1/2"M		
R18X018	G 2"F x G 2"M		
R18X007	Rc 1-1/2" x R 1-1/2"		
R18X008	Rc 2" x R 2"		


PRODUCT CODE	CONNECTIONS	TYPE	
R19Y002	G 3/8"F x G 3/8"M	 Brass finish	
R19Y003	G 1/2"F x G 1/2"M		
R19Y004	G 3/4"F x G 3/4"M		
R19Y005	G 1"F x G 1"M		
R19Y006	G 1-1/4"F x G 1-1/4"M		
R19Y017	G 1-1/2"F x G 1-1/2"M		
R19Y018	G 2"F x G 2"M		
R19Y007	Rc 1-1/2" x R 1-1/2"		 Chrome plated
R19Y008	Rc 2" x R 2"		
R19Y063	Rp 1/2" x R 1/2"		
R19Y064	Rp 3/4" x R 3/4"		
R19Y065	Rp 1" x R 1"		
R19X002	G 3/8"F x G 3/8"M		
R19X003	G 1/2"F x G 1/2"M		
R19X004	G 3/4"F x G 3/4"M		
R19X005	G 1"F x G 1"M		
R19X006	G 1-1/4"F x G 1-1/4"M		
R19X017	G 1-1/2"F x G 1-1/2"M		
R19X018	G 2"F x G 2"M		
R19X007	Rc 1-1/2" x R 1-1/2"		
R19X008	Rc 2" x R 2"		

Technical data

Plumbing systems

- Suitable for use in plumbing HVAC systems, domestic water systems and solar thermal systems
- Temperature range: 5+160 °C for size 3/8", 1/2", 3/4", 1", 1-1/4"
5+110 °C for size 1-1/2", 2"
- Max. working pressure: 10 bar

Gas distribution systems

-  Fittings R18Y063, R18Y064, R18Y065, R19Y063, R19Y064 and R19Y065 comply with regulation UNI 7129 for gas distribution and they feature threading which complies with EN 10226
- Temperature range: 5+90 °C
- Max. working pressure: 5 bar (MOP 5)

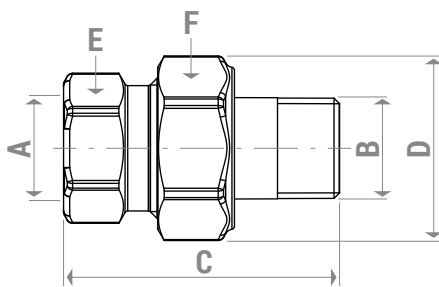
Materials

- Fitting: brass UNI EN 12165 CW617N
- Sealing element: PTFE gasket for size 3/8", 1/2", 3/4", 1", 1-1/4"
NBR O-Ring for size 1-1/2", 2"

NOTE. The system must be seal tested before being commissioned, according to the indications outlined in the current legislation and relative technical Standards, and in particular for use with gas according to the requirements stipulated in Chapter 5, 7129-1: 2008 UNI.

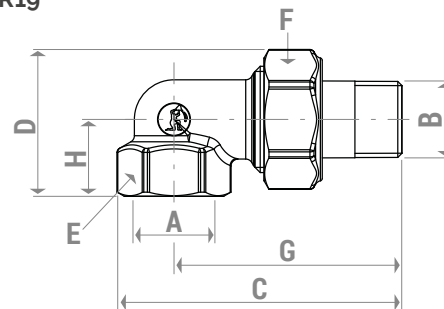
Dimensions

R18



CONNECTIONS A x B	C [mm]	D [mm]	E [mm]	F [mm]
G 3/8"F x G 3/8"M	45	30	ch.22	ch.27
G 1/2"F x G 1/2"M Rp 1/2" x R 1/2"	49	33	ch.26	ch.30
G 3/4"F x G 3/4"M Rp 3/4" x R 3/4"	53	42	ch.32	ch.38
G 1"F x G 1"M Rp 1" x R 1"	58	51	ch.39	ch.46
G 1-1/4"F x G 1-1/4"M	64	59	ch.49	ch.53
G 1-1/2"F x G 1-1/2"M	90	73	ch.55	ch.65
G 2"F x G 2"M	100	87	ch.67	ch.82
Rc 1-1/2" x R 1-1/2"	92	73	ch.55	ch.65
Rc 2" x R 2"	104	87	ch.67	ch.82

R19



CONNECTIONS A x B	C [mm]	D [mm]	E [mm]	F [mm]	G [mm]	H [mm]
G 3/8"F x G 3/8"M	61	32	ch.22	ch.27	50	17
G 1/2"F x G 1/2"M Rp 1/2" x R 1/2"	67	36	ch.26	ch.30	53	19
G 3/4"F x G 3/4"M Rp 3/4" x R 3/4"	81	44	ch.32	ch.38	63	23
G 1"F x G 1"M Rp 1" x R 1"	87	60	ch.39	ch.46	65	35
G 1-1/4"F x G 1-1/4"M	107	72	ch.49	ch.53	80	43
G 1-1/2"F x G 1-1/2"M	130	84	ch.55	ch.65	100	48
G 2"F x G 2"M	149	101	ch.67	ch.82	112	58
Rc 1-1/2" x R 1-1/2"	132	84	ch.55	ch.65	102	48
Rc 2" x R 2"	153	101	ch.67	ch.82	116	58