



# RF

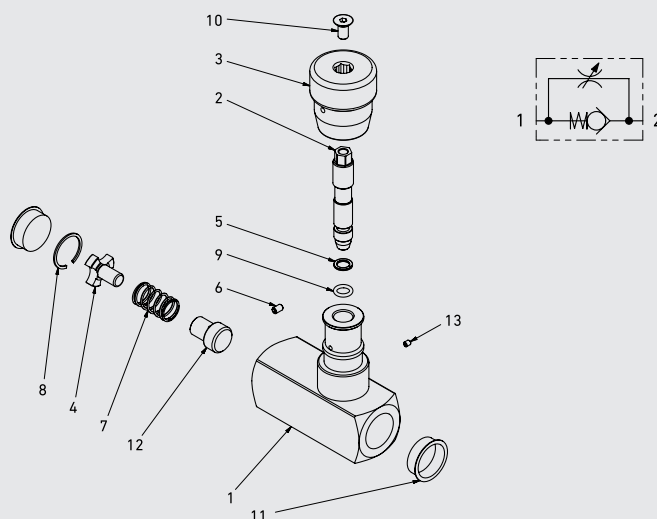
## FLOW CONTROL

Edition. 21.0

### CS Carbon Steel

- Type: check valve flow control
- Sizes: from DN6 up to DN25
- Ends: BSP-NPT
- Pressure: up to PN400
- Temp range: from -20°C to +100°C

### STANDARD COMPOSITION OF VALVE



POS	DESCRIPTION	Q.TY	CS
			Carbon Steel MATERIAL
1	Body	1	1,0737
2	Stem	1	1,0503
3	Handle	1	ALLUMINIUM
4	Spring ring	1	X 35 Cr Mo 17
5	Stem ring	1	PTFE
6	Pin	1	1,0737
7	Spring	1	1,0116
8	Seeger	1	X 35 Cr Mo 17
9	Stem o-ring	1	NBR
10	Screw	1	DIN 7991 8.8
11	Caps	2	PVC
12	Poppet	1	1,0737
13	Screw	1	DIN 7991 8.8



**CRACKING PRESSURE**  
**0,50 bar**

## CODE DESCRIPTION STRUCTURE

**RF** **G1/2** **CS**

### Type and way of valve

RF flow control

### Ends

GAS DIN/ NPT ANSI  
ISO 228 /ASME  
BSP B1.20.1

G 1/4 N 1/4  
G 3/8 N 3/8  
G 1/2 N 1/2  
G 3/4 N 3/4  
G 1 N 1

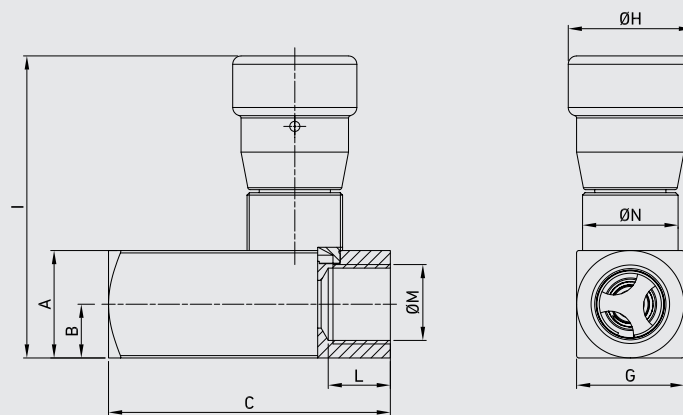
### Material

CS carbon steel

### \*On request

- Special threads
- Pressure class PN 350

*For further special requests please consult our technical/commercial service.*



**RF DIN/ISO 228 BSP**

														CS Carbon Steel
TYPE	DN	PN	MAX FLOW L/m	CRACKING PRESSURE	A	B	C	G	ØH	I	ØM	ØN	WEIGHT	ITEM CODE
RF G 1/4	6	MPa 40	15	MPa 0,05	mm 25	12,5	66	25	33	75	G 1/4	M20X1	kg 0,41	GF2GGT130110000
		Psi 5800		Psi 7,25	inch 0,98	0,49	2,60	0,98	1,30	2,95			lb 0,90	
RF G 3/8	10	MPa 40	30	MPa 0,05	mm 25	12,5	77	25	33	75	G 3/8	M20X1	kg 0,42	GF2GGT230110000
		Psi 5800		Psi 7,25	inch 0,98	0,49	3,03	0,98	1,30	2,95			lb 0,93	
RF G 1/2	13	MPa 40	50	MPa 0,05	mm 30	15	91	30	33	81	G 1/2	M25X1.5	kg 0,63	GF2GGT330110000
		Psi 5800		Psi 7,25	inch 1,18	0,59	3,58	1,18	1,30	3,19			lb 1,39	
RF G 3/4	20	MPa 40	80	MPa 0,05	mm 40	20	112,5	40	42	110	G 3/4	M25X1.5	kg 1,52	GF2GGT430110000
		Psi 5800		Psi 7,25	inch 1,57	0,79	4,43	1,57	1,65	4,33			lb 3,35	
RF G 1	25	MPa 40	150	MPa 0,05	mm 45	22,5	141	45	42	115	G 1	M35X1.5	kg 2,1	GF2GGT530110000
		Psi 5800		Psi 7,25	inch 1,77	0,89	5,55	1,77	1,65	4,53			lb 4,63	

## RF ANSI/ASME B1.20.1 NPT

CS

Carbon Steel

TYPE	DN	PN	MAX FLOW L/m	CRACKING PRESSURE	A	B	C	G	ØH	I	ØM	ØN	WEIGHT	ITEM CODE
RF N 1/4	6	MPa 40	15	MPa 0,05	mm 25	12,5	66	25	33	75	N 1/4	M20X1	kg 0,41	GF2NNT130110000
		Psi 5800		Psi 7,25	inch 0,98	0,49	2,60	0,98	1,30	2,95			lb 0,90	
RF N 3/8	10	MPa 40	30	MPa 0,05	mm 25	12,5	77	25	33	75	N 3/8	M20X1	kg 0,42	GF2NNT230110000
		Psi 5800		Psi 7,25	inch 0,98	0,49	3,03	0,98	1,30	2,95			lb 0,93	
RF N 1/2	13	MPa 40	50	MPa 0,05	mm 30	15	91	30	33	81	N 1/2	M25X1.5	kg 0,63	GF2NNT330110000
		Psi 5800		Psi 7,25	inch 1,18	0,59	3,58	1,18	1,30	3,19			lb 1,39	
RF N 3/4	20	MPa 40	80	MPa 0,05	mm 40	20	112,5	40	42	110	N 3/4	M25X1.5	kg 1,52	GF2NNT430110000
		Psi 5800		Psi 7,25	inch 1,57	0,79	4,43	1,57	1,65	4,33			lb 3,35	
RF N 1	25	MPa 40	150	MPa 0,05	mm 45	22,5	141	45	42	115	N 1	M35X1.5	kg 2,1	GF2NNT530110000
		Psi 5800		Psi 7,25	inch 1,77	0,89	5,55	1,77	1,65	4,53			lb 4,63	

## PRESSURE DROP CURVES

