

## Technical data sheet

### Type 211BL

Non-return valve  
01System

#### Applications and special features



- Operates in any position
- Minimum head loss
- Silent and robust
- Does not generate hammering
- Closing system : double axial guiding with return spring
- Excellent sealing at high as well as at low pressure ensured by a specially designed lip-ring seal.
- 1/4 drilled and sealed bosses

#### Technical description

DN A mm (*)	PFA (bar)	PS (bar)				Cat.	References	Vvs-nr
		L1	L2	G1	G2			
15	10	10	10	10	10	3.3	149B 3130	
22	10	10	10	10	10	3.3	149B 3131	

(\*) Copper tube external DN

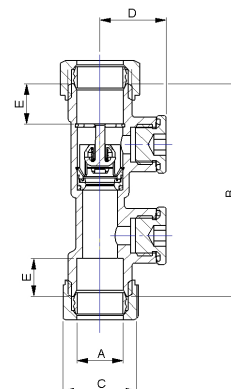
#### Important notice :

The indicated pressure for the different categories of fluids (L1/ L2/G1/G2) is under no condition a guarantee of use. Therefore, it is essential to validate the use of products under given operating conditions.

- **Connection** : compression fittings for copper tube
- **Permissible operating pressure PFA - water** : (for supply, distribution and disposal of water) : See table
- **Maximum permissible pressure PS - other mediums** : See table
- **θ** : Mini. -10 °C  
Maxi. 80 °C
- **Mediums** : Clear liquids, gas
- **Approvals** : **kiwa**

#### Overall dimensions

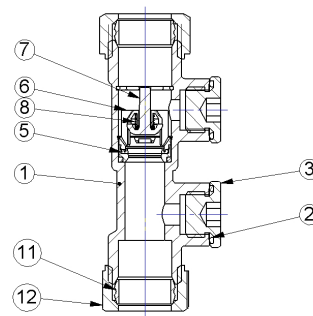
A	B	C	D	E	Weight
mm	mm	mm	mm	mm	kg
15	86	24	22	12,5	0,190
22	86	32	25	12,5	0,260



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### Spare parts list and materials

Nb	Description	Materials	EURO	ANSI
1	CASING	DZR brass	CuZn36Pb2As	
2	GUIDE DN 15 DN 22	POM (polyacetal) PPO		
3	CLOSING SYSTEM	POM (polyacetal)		
4	LIP-RING	EPDM		
5	SPRING	Stainless steel	X10CrNi18-8	AISI 302
6	RING	DZR brass	CuZn36Pb2As	
7	NUT	DZR brass	CuZn36Pb2As	
8	PLUG	Brass	CuZn39Pb2	
9	SEALS	Epdm		
10	CIRCLIPS DN 15	Stainless steel	X5CrNi18-10	

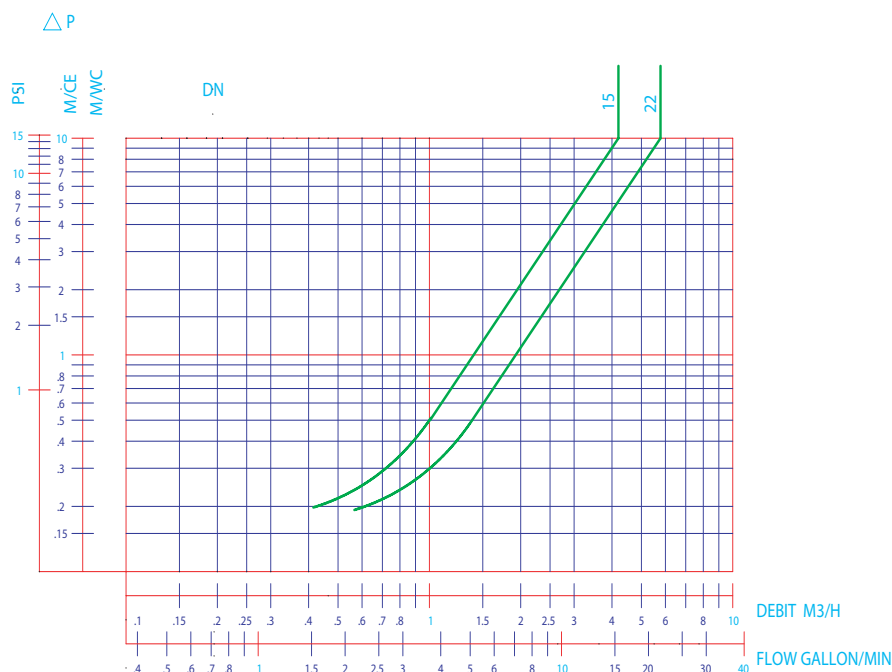


### Working principle

DN	Opening pressure (en mm CE)	Kv	ζ
"		m³/H	
1/2	between 100 et 250		
3/4			

#### Direction for use :

- Solid line : Valve completely open
- Dotted line : opening stage of valve



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