

Characteristics

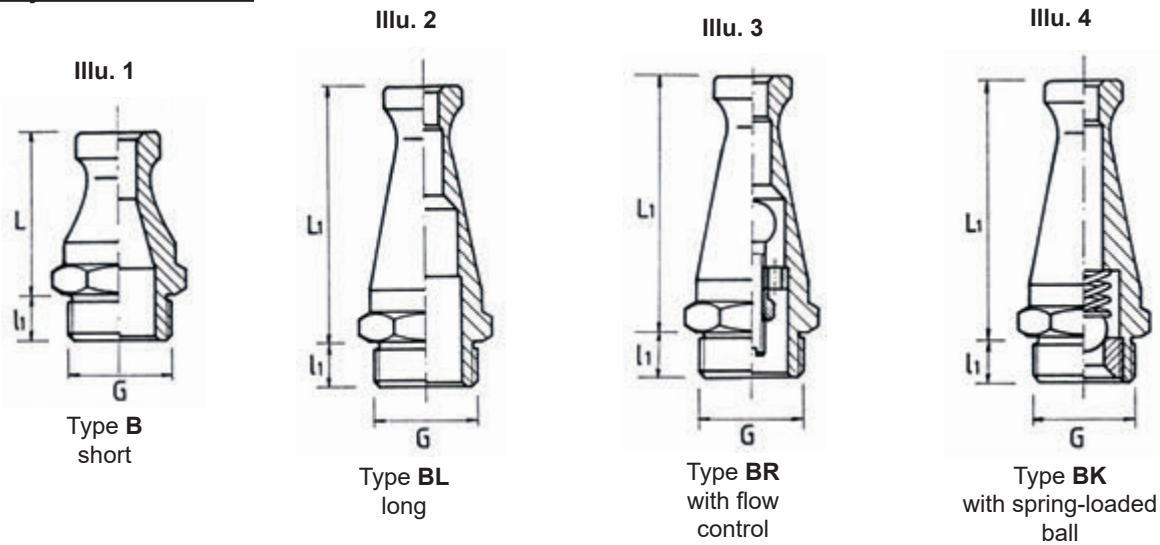
MC manufactures different fountain nozzles which can be used for various effects:

1. Smooth jet fountain nozzles type **B + BL**, short or long design
2. Smooth jet fountain nozzles type **BR** with internal regulation of different heights
3. Smooth jet fountain nozzles type **BK** with spring-loaded ball, keeping the pressure inside of the distribution pipe constant
4. Shaping nozzles **BH** or balls **BD**
5. Other shaping nozzles type **Z** (see catalog page 2.5)
type **L** (see catalog page 2.4)
6. Walk-in nozzles (security nozzles) **BG**
7. Energy-saving nozzles **BJ** and **BJL**

Material

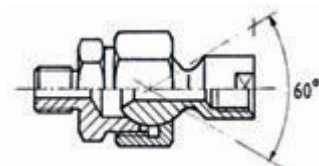
Brass
Stainless steel

Smooth jet fountain nozzles



Type Bore- Ø (mm)	Flow rate \dot{V} (l/min.) at pressure p (bar)										Thread connection			
	0.03	0.05	0.1	0.15	0.2	0.3	0.5	0.7	1.0	1/4"	3/8"	1/2"	3/4"	
B 3.0	0.98	1.27	1.85	2.25	2.6	3.17	4.1	4.85	5.77	*	*			
B 3.5	1.32	1.71	2.49	3.04	3.51	4.28	5.51	6.54	7.79	*	*			
B 4.0	1.73	2.24	3.21	3.98	4.59	5.61	7.24	8.57	10.2	*	*			
B 4.5	2.21	2.86	4.16	5.07	5.85	7.15	9.23	10.9	13.0	*	*	*		
B 5.0	2.72	3.52	5.12	6.24	7.2	8.8	11.4	13.5	16.0		*	*		
B 5.5	3.28	4.25	6.18	7.53	8.69	10.6	13.7	16.2	19.3		*	*		
B 6.0	3.93	5.08	7.39	9.01	10.4	12.7	16.4	19.4	23.1			*	*	
B 7.0	5.3	6.86	9.98	12.2	14.0	17.2	22.1	26.2	31.2			*	*	
B 8.0	6.97	9.02	13.1	16.0	18.5	22.6	29.1	34.4	41.0			*	*	
B 9.0	8.82	11.4	16.6	20.2	23.4	28.6	36.9	43.6	51.9			*	*	
B 10	10.9	14.1	20.5	25.0	28.8	35.2	45.4	53.8	64.0				*	
B 11	13.1	16.1	24.7	30.1	34.8	42.5	54.9	65.0	77.3				*	
B 12	15.6	20.1	29.3	42.3	41.3	50.0	65.1	77.0	91.7				*	
B 13	18.4	23.8	34.6	42.1	48.6	59.4	76.7	90.7	108				*	
B 14	21.2	27.5	40.0	48.8	56.2	68.8	88.7	105	125				*	

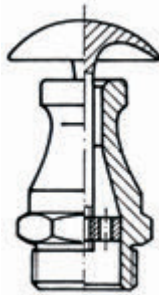
Thread G	L	L1	l1	SW	Sizes available					
					B	BL	BR	BK	BJ	BJL
1/4"	22	40	7	17	*	*			*	*
3/8"	30	50	10	19	*	*				
1/2"	36	60	12	24	*	*				
3/4"	40	80	15	30	*	*	*	*		



Ball joint **K**
for nozzle orientation
(see catalog page 8.2)

Shaping fountain nozzles

Illu. 5



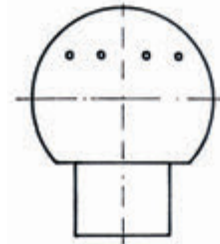
Type **BH** with deflector cap
Mushroom-shaped
water distribution

Illu. 6



Type **BH** with deflector cap
Trumpet-shaped
water distribution

Illu. 7

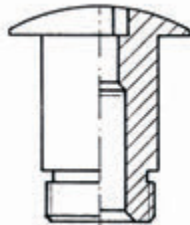


Type **BD**
Ball with multiple jet,
varies with request

Walk-in fountain nozzles BG

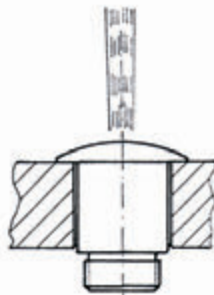
MC's walk-in nozzles are produced according to their surroundings. Water is distributed underneath a cap, and are engulfed to prevent accidents. All fountain nozzles BG come with or without flow regulation and spring-loaded ball (see Illu. 3 and 4). They are available in single or multiple jet design, according to the effect wanted.

Illu. 8



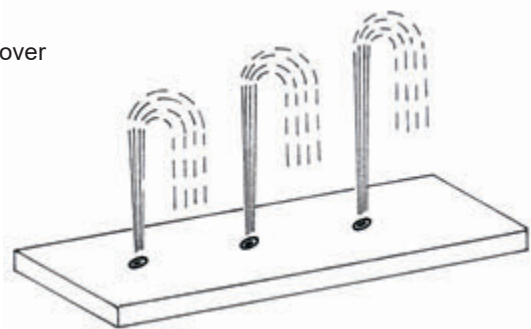
Type **BG**

Illu. 9



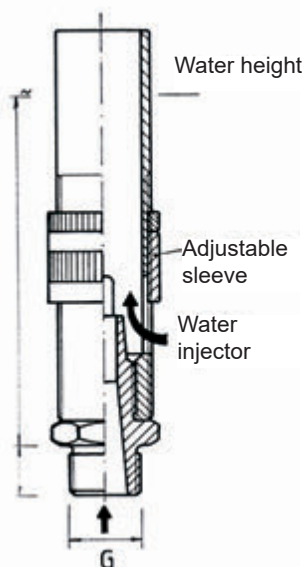
Illu. 10

Cover



Energy-saving nozzles BJ and BJL

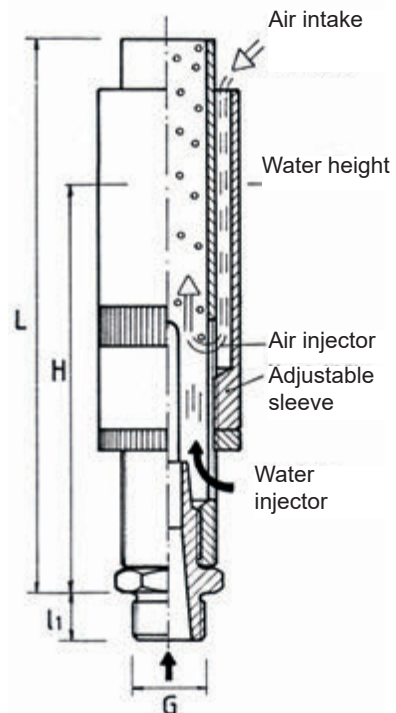
Illu. 11



Type **BJ** is an energy-saving nozzle which effects can be controlled easily and individually. The injector effect allows for a suction of up to the 4-fold of the pump capacity. The more the injector is closed, the less well water is sucked in; the fountain height increases and vice versa.

The design has to be arranged!

Illu. 12



Type **BJL** is an energy-saving nozzle as type BJ, yet features an additional injector to take in air. This results in a strong, opaque and lively fountain jet.

The design has to be arranged!