Cleaning nozzle

Model 65611 Spray ball - 316 Stainless Steel

Specifications

Connection: split pin or female BSPP thread according to ISO 228-1
Washing class: rinsing, class 1
Pressure range: 1 to 6 bar
Material: 316 stainless steel

ISO 9001 BUREAU VERITAS Certification

CE

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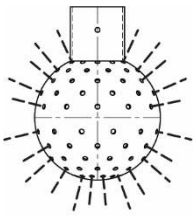
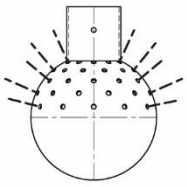

Type A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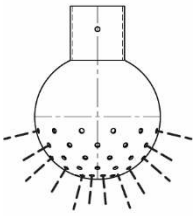
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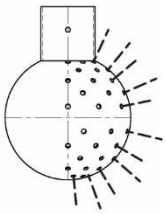
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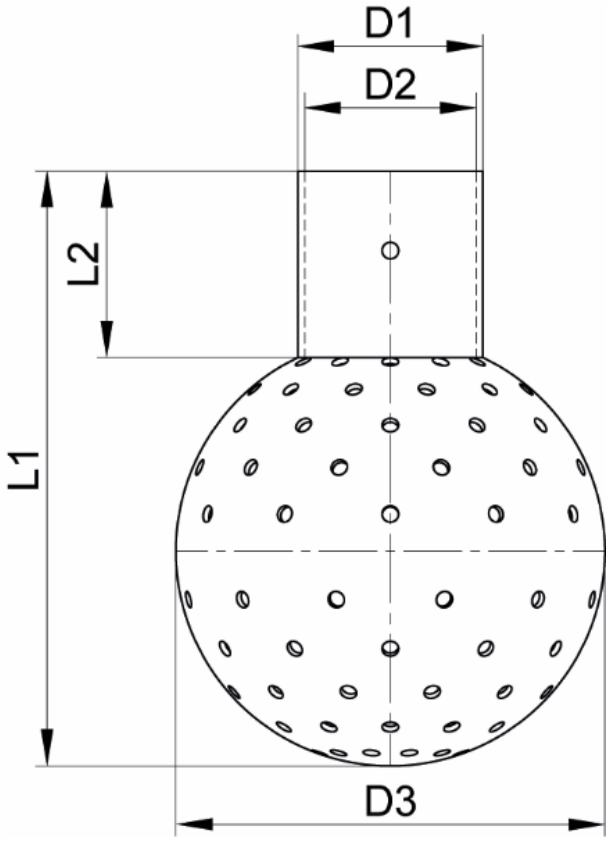

Model	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	Hole Ø (mm)	Part number 316 stainless steel
BL1A	28.0	26	65	91	30	2.5	**465611-1A**
BL1B	28.0	26	65	91	30	2.5	**465611-1B**
BL1C	28.0	26	65	91	30	2.5	**465611-1C**
BL1D	28.0	26	65	91	30	2.5	**465611-1D**
BL2A	40.5	38.5	65	94	34	2.5	**465611-2A**
BL2B	40.5	38.5	65	94	34	2.5	**465611-2B**
BL2C	40.5	38.5	65	94	34	2.5	**465611-2C**
BL2D	40.5	38.5	65	94	34	2.5	**465611-2D**
BL3A	32.0	F 3/4" BSP	65	94	28	2.5	**465611-3A**
BL3B	32.0	F 3/4" BSP	65	94	28	2.5	**465611-3B**
BL3C	32.0	F 3/4" BSP	65	94	28	2.5	**465611-3C**
BL3D	32.0	F 3/4" BSP	65	94	28	2.5	**465611-3D**
BL6A	32.0	30	65	91	30	2.5	**465611-6A**
BL6B	32.0	30	65	91	30	2.5	**465611-6B**
BL6C	32.0	30	65	91	30	2.5	**465611-6C**
BL6D	32.0	30	65	91	30	2.5	**465611-6D**
BL7A	38.0	36	65	94	32	2.5	**465611-7A**
BL7B	38.0	36	65	94	32	2.5	**465611-7B**

Model	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	Hole Ø (mm)	Part number 316 stainless steel
BL7C	38.0	36.0	65	94	32	2.5	465611-7C
BL7D	38.0	36.0	65	94	32	2.5	465611-7D
BL8A	22.0	20.0	50	76	25	1.6	465611-8A
BL8B	22.0	20.0	50	76	25	1.6	465611-8B
BL8C	22.0	20.0	50	76	25	1.6	465611-8C
BL8D	22.0	20.0	50	76	25	1.6	465611-8D
BL9A	28.0	F 1/2" BSP	50	74	25	1.6	465611-9A
BL9B	28.0	F 1/2" BSP	50	74	25	1.6	465611-9B
BL9C	28.0	F 1/2" BSP	50	74	25	1.6	465611-9C
BL9D	28.0	F 1/2" BSP	50	71	25	1.6	465611-9D
BL11A	48.0	F 1" 1/4 BSP	90	128	39	2.5	465611-11A
BL11B	48.0	F 1" 1/4 BSP	90	128	39	2.5	465611-11B
BL11C	48.0	F 1" 1/4 BSP	90	128	39	2.5	465611-11C
BL11D	48.0	F 1" 1/4 BSP	90	128	39	2.5	465611-11D
BL12A	38.0	36.0	90	120	35	2.5	465611-12A
BL12B	38.0	36.0	90	120	35	2.5	465611-12B
BL12C	38.0	36.0	90	120	35	2.5	465611-12C
BL12D	38.0	36.0	90	120	35	2.5	465611-12D
BL14A	60.3	52.8	120	150	35	2.0	465611-14A
BL14B	60.3	52.8	120	150	35	2.0	465611-14B
BL14C	60.3	52.8	120	150	35	2.0	465611-14C
BL14D	60.3	52.8	120	150	35	2.0	465611-14D
BL15A	22.0	20.0	40	62	26	1.6	465611-15A
BL16A	22.0	20.0	40	63	28	1.3	465611-16A
BL17A	14.0	F 1/4" BSP	28	40	16	1.3	465611-17A
BL17B	14.0	F 1/4" BSP	28	40	16	1.3	465611-17B
BL17C	14.0	F 1/4" BSP	28	40	16	1.3	465611-17C
BL17D	14.0	F 1/4" BSP	28	40	16	1.3	465611-17D

Washing class summar ytable

Washing class	Type of washing	Degree of soiling	Max. tank Ø at which washing functions
1	Rinsing	Low (e.g. sodas, juice)	9 m
2			3 m
3	Cleaning		5.5 m
4			8 m
5	Scouring	High (e.g. dried oil)	24 m

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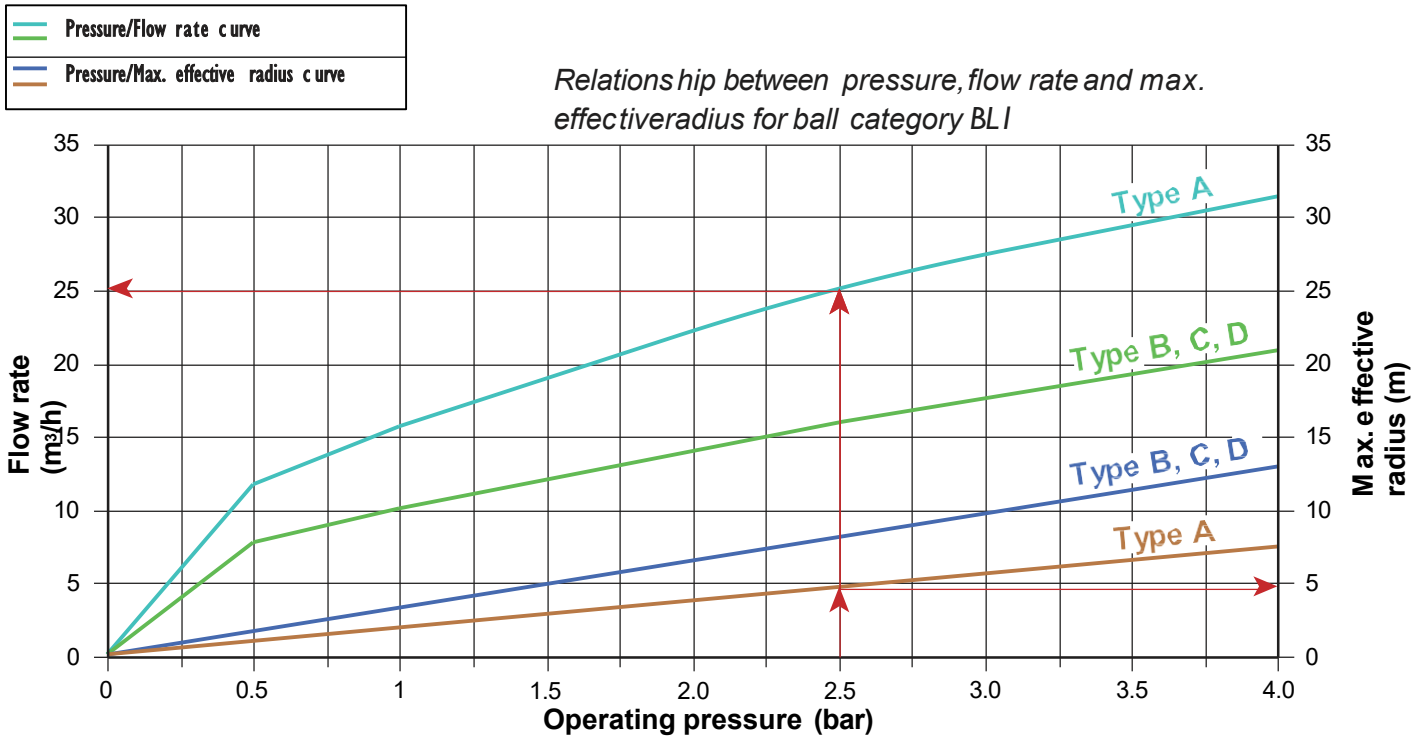
Use

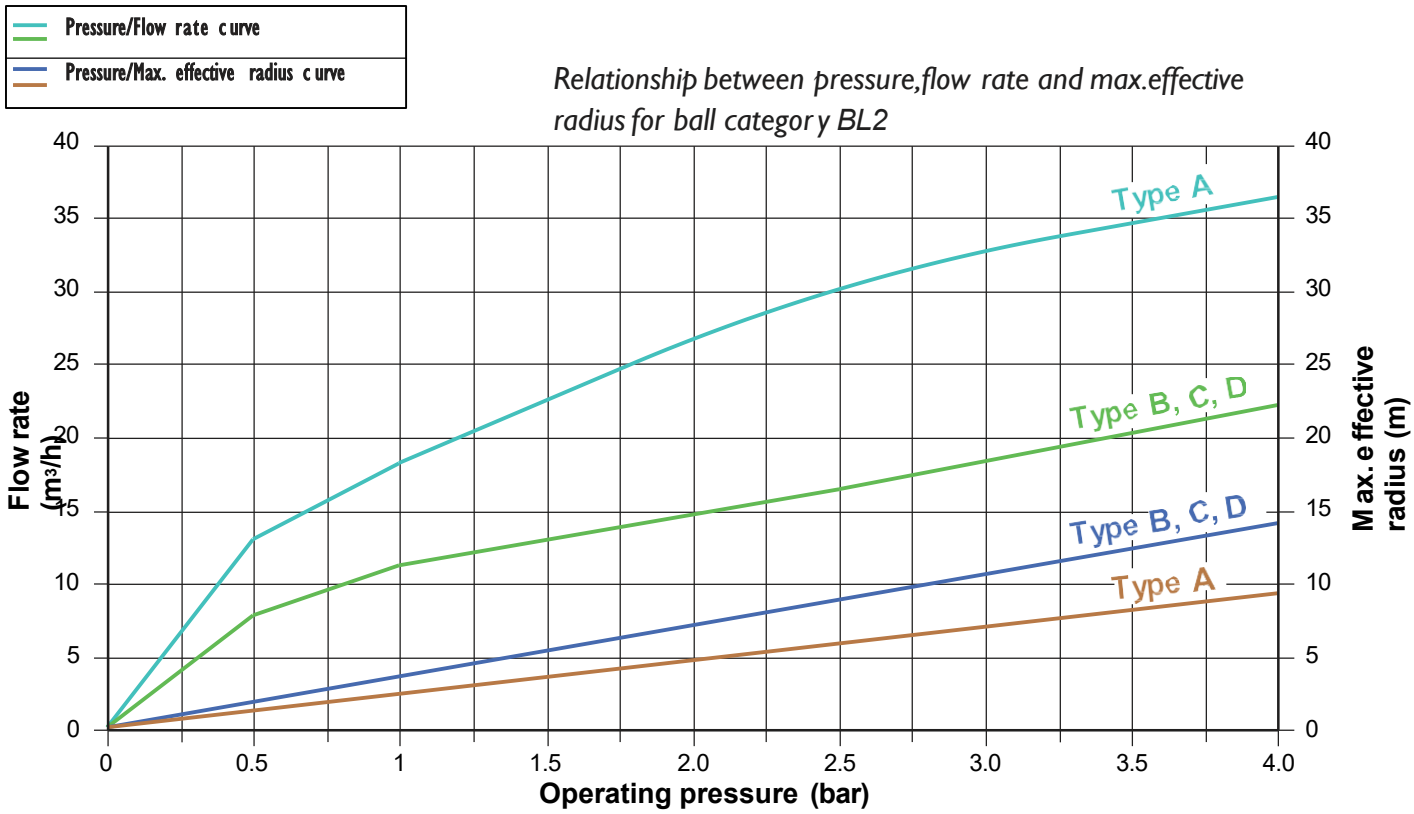
You can use spray balls in various fields, including for example the food and chemical industries. They are designed to rinse different types of tanks, cisterns and containers. You can use cleaning products with them as long as the chemicals that they contain are compatible with 316 stainless steel.
You must choose spray balls according to the inner diameter of the tank that needs cleaning and the supplied pressure.

Usagegraphs

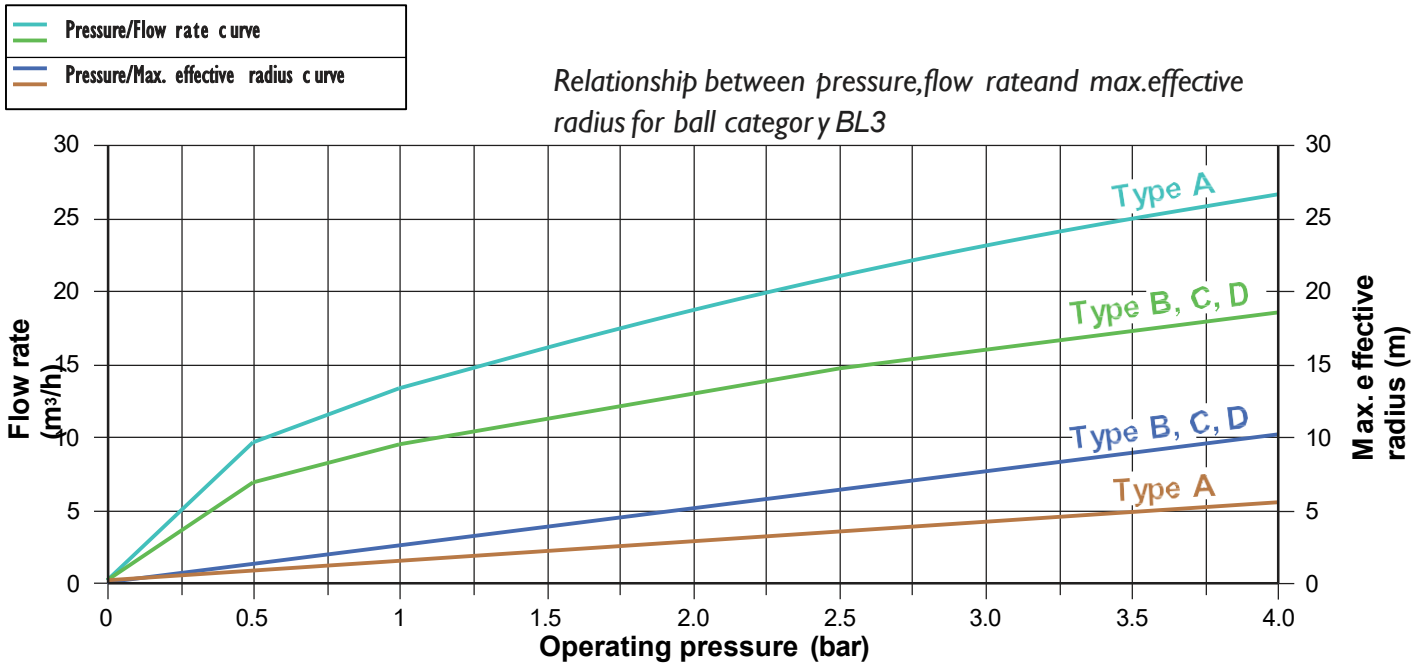
The following graphs have two vertical axes, one defines tank rinsing radius and the other gives the flow rate at a set pressure.



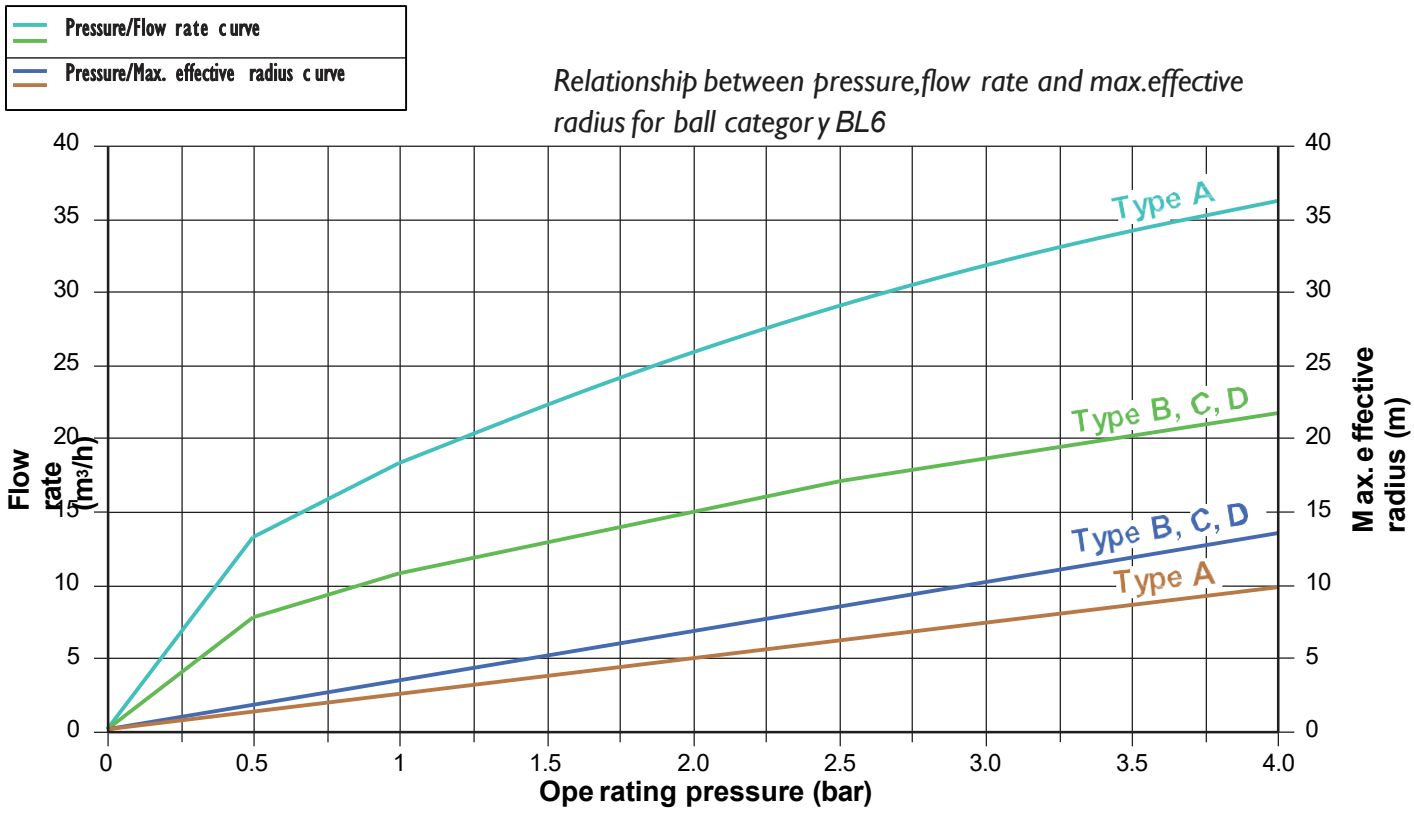
Example:
For a model BL1A spray ball
Category BL1 -Type A: Reference 465611-1A
The supply pump delivers 2.5 bar.
So the ball requires 24.9 m^3/h water supply and will be able to rinse a tank with a max. radius of 4.6 m (see red arrows).

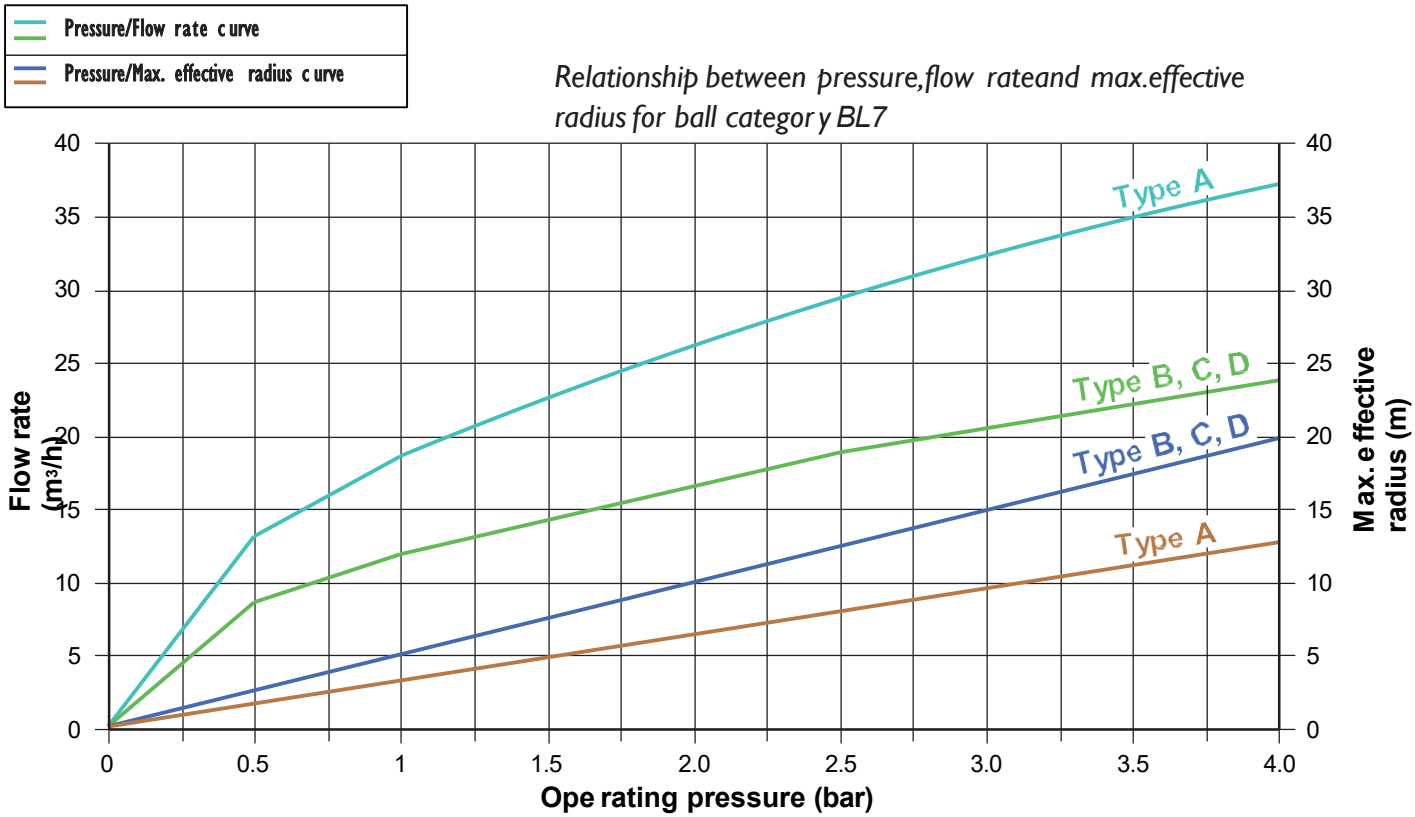


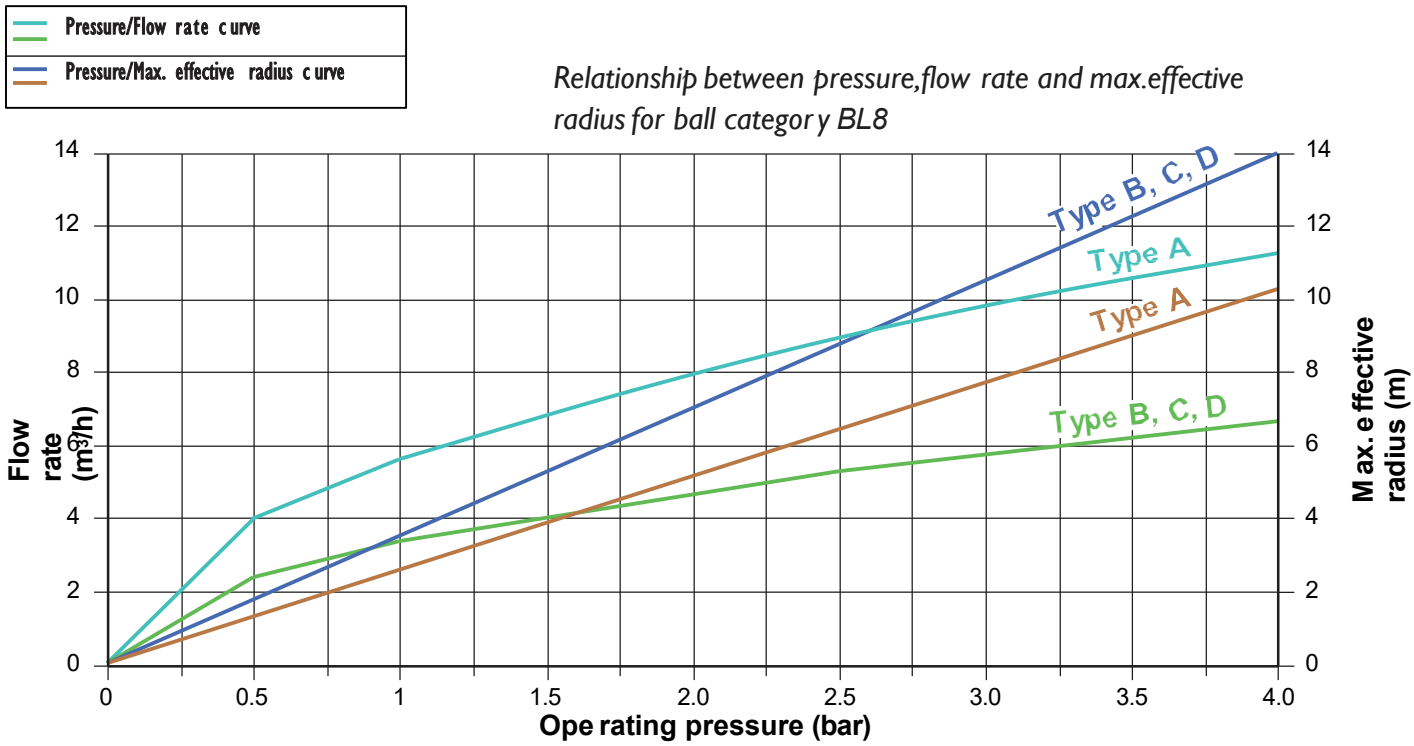
Relationship between pressure,flow rate and max.effective radius for ball category BL2



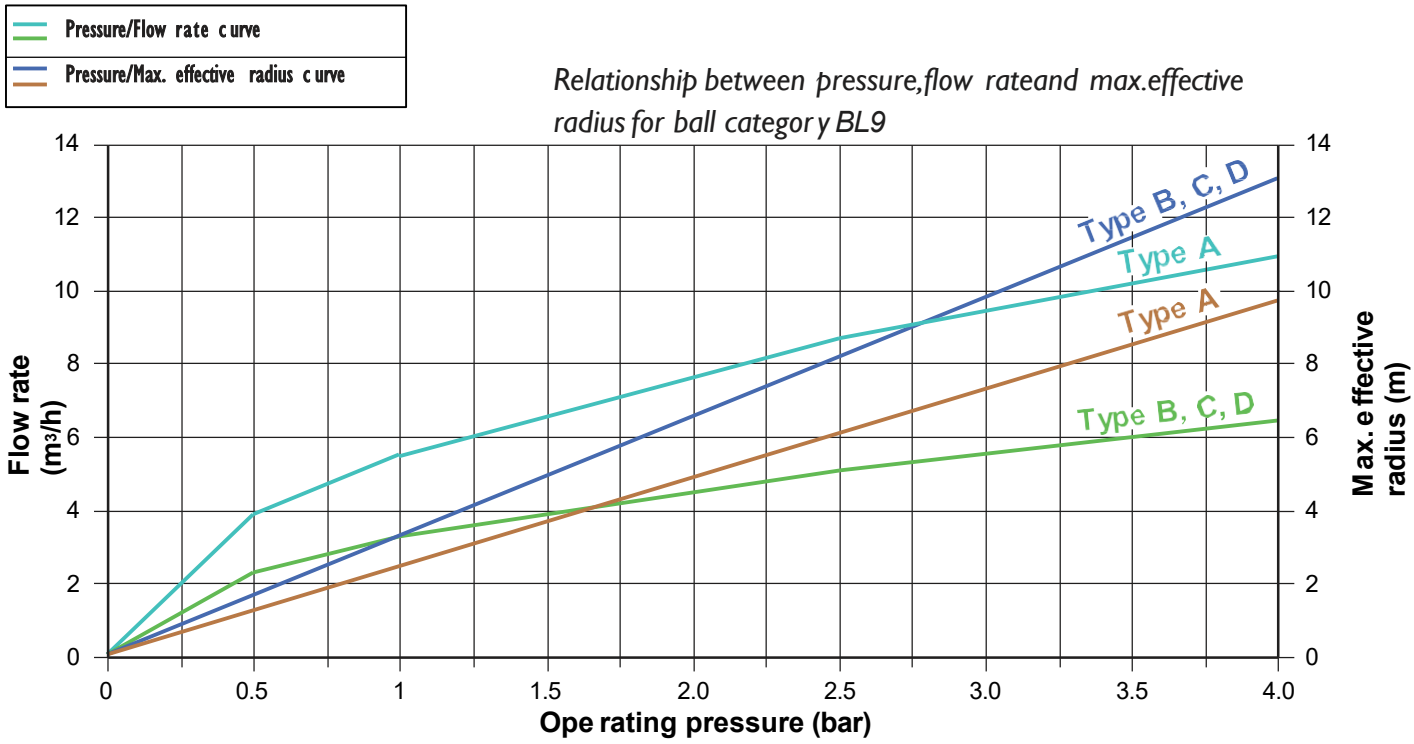
Relationship between pressure,flow rateand max.effective radius for ball category BL3



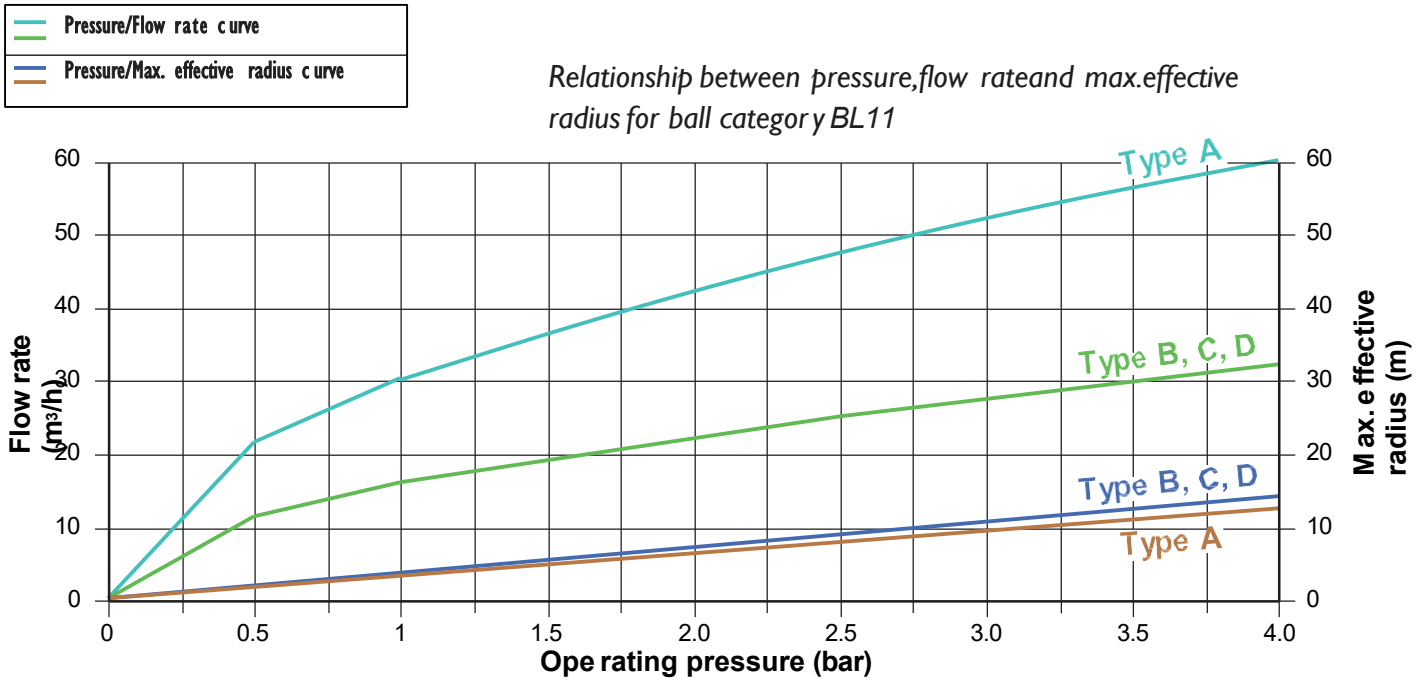




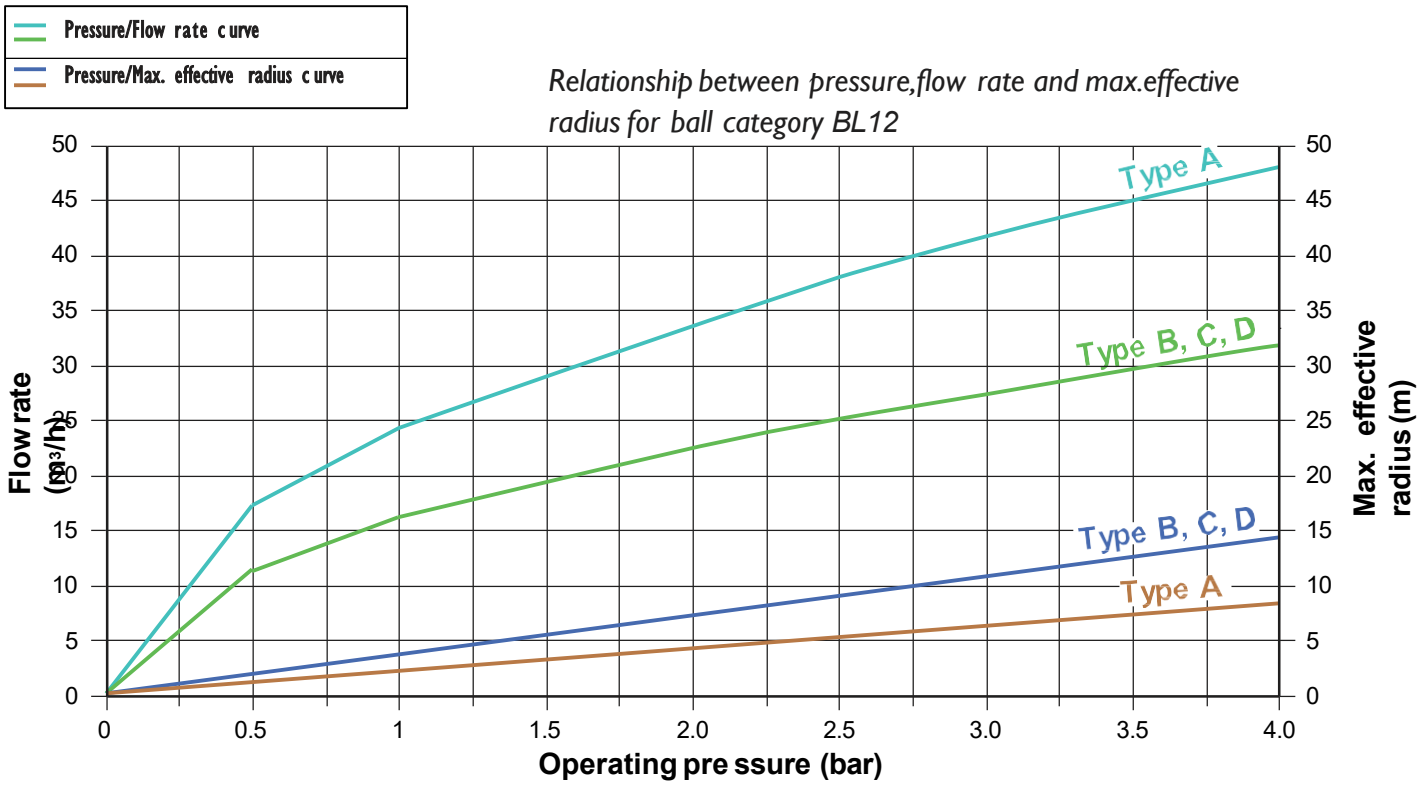
Relationship between pressure,flow rate and max.effective radius for ball categor y BL8



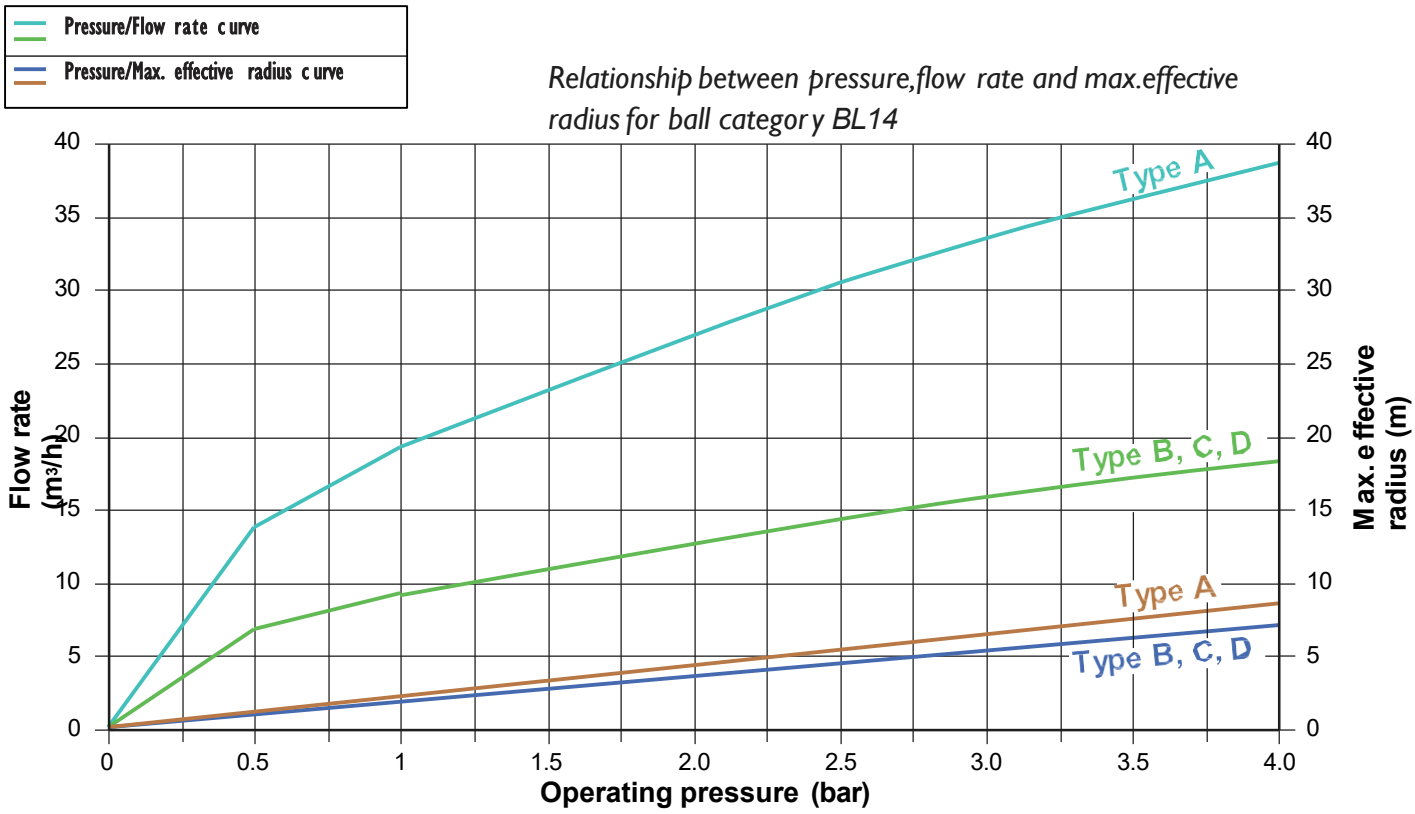
Relationship between pressure,flow rateand max.effective radius for ball categor y BL9



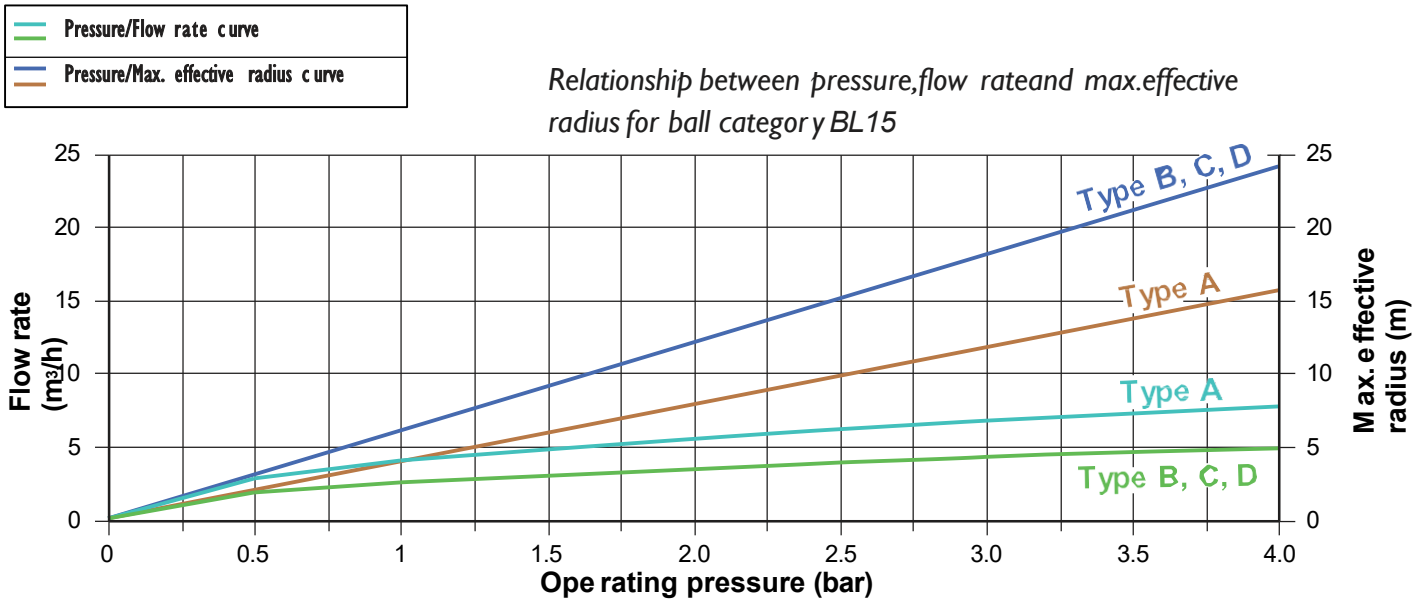
Relationship between pressure,flow rateand max.effective radius for ball categor y BL11



Relationship between pressure,flow rate and max.effective radius for ball category BL12



Relationship between pressure,flow rate and max.effective radius for ball category BL14



Relationship between pressure,flow rateand max.effective radius for ball category BL15