

Cleaning nozzle

Model 65612 **Spray ball with flat section under neck**
316 stainless steel



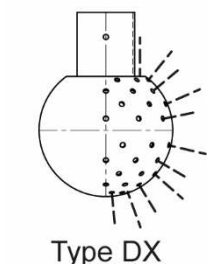
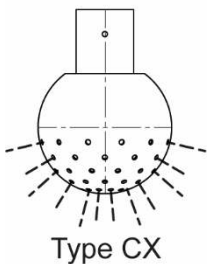
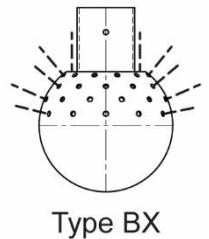
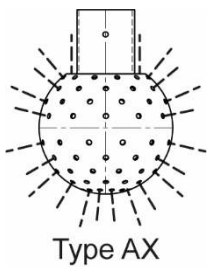
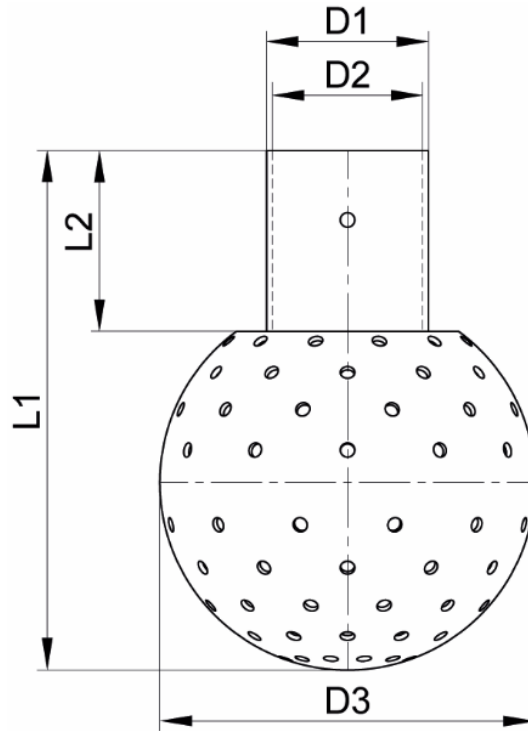
Specifications

Connection: split pin or female BSPP thread according to ISO 228-1

Washing class: rinsing, class I

Pressure range: 1 to 6 bar

Material: 316 stainless steel



Model	D1 (mm)	D2 (mm)	D3 (mm)	L1 (mm)	L2 (mm)	Hole Ø (mm)	Part number 316 stainless steel
BL1AX	28.0	26	65	92	30	2.5	465612-1AX
BL1BX	28.0	26	65	92	30	2.5	465612-1BX
BL1CX	28.0	26	65	92	30	2.5	465612-1CX
BL1DX	28.0	26	65	92	30	2.5	465612-1DX
BL2AX	40.5	38.5	65	90	34	2.5	465612-2AX
BL2BX	40.5	38.5	65	90	34	2.5	465612-2BX
BL2CX	40.5	38.5	65	90	34	2.5	465612-2CX
BL2DX	40.5	38.5	65	90	34	2.5	465612-2DX
BL6AX	32.0	30	65	90	30	2.5	465612-6AX
BL6BX	32.0	30	65	90	30	2.5	465612-6BX
BL6CX	32.0	30	65	90	30	2.5	465612-6CX
BL6DX	32.0	30	65	90	30	2.5	465612-6DX
BL8AX	22.0	20	50	73	25	1.6	465612-8AX
BL8BX	22.0	20	50	73	25	1.6	465612-8BX
BL8CX	22.0	20	50	73	25	1.6	465612-8CX
BL8DX	22.0	20	50	73	25	1.6	465612-8DX
BL10AX	28.0	26	50	73	25	1.6	465612-10AX
BL12AX	38.0	36	90	121	35	2.5	465612-12AX
BL12BX	38.0	36	90	121	35	2.5	465612-12BX
BL12CX	38.0	36	90	121	35	2.5	465612-12CX
BL12DX	38.0	36	90	121	35	2.5	465612-12DX
BL15AX	22.0	20	40	62	26	1.6	465612-15AX
BL16AX	22.0	20	40	63	28	1.3	465612-16AX
BL17AX	14.0	F 1/4" BSP	28	39	16	1.3	465612-17AX
BL17BX	14.0	F 1/4" BSP	28	39	16	1.3	465612-17BX
BL17CX	14.0	F 1/4" BSP	28	39	16	1.3	465612-17CX
BL17DX	14.0	F 1/4" BSP	28	39	16	1.3	465612-17DX

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Washing class summary table

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	Medium	5.5 m
4			8 m
5	Scouring	High (e.g. dried oil)	24 m

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.

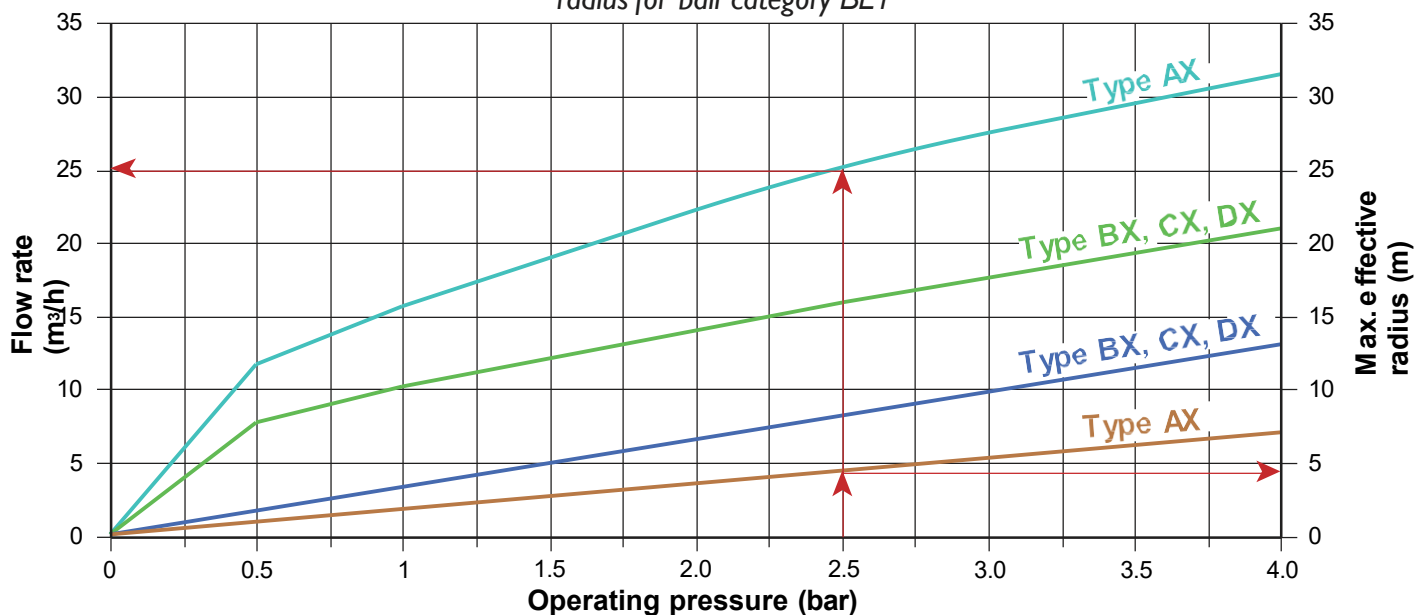
Usage graphs



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

	Pressure/Flow rate curve
	Pressure/Max. effective radius curve

Relationship between pressure, flow rate and max. effective radius for ball category BL1



Example:

For a model BL1AX spray ball

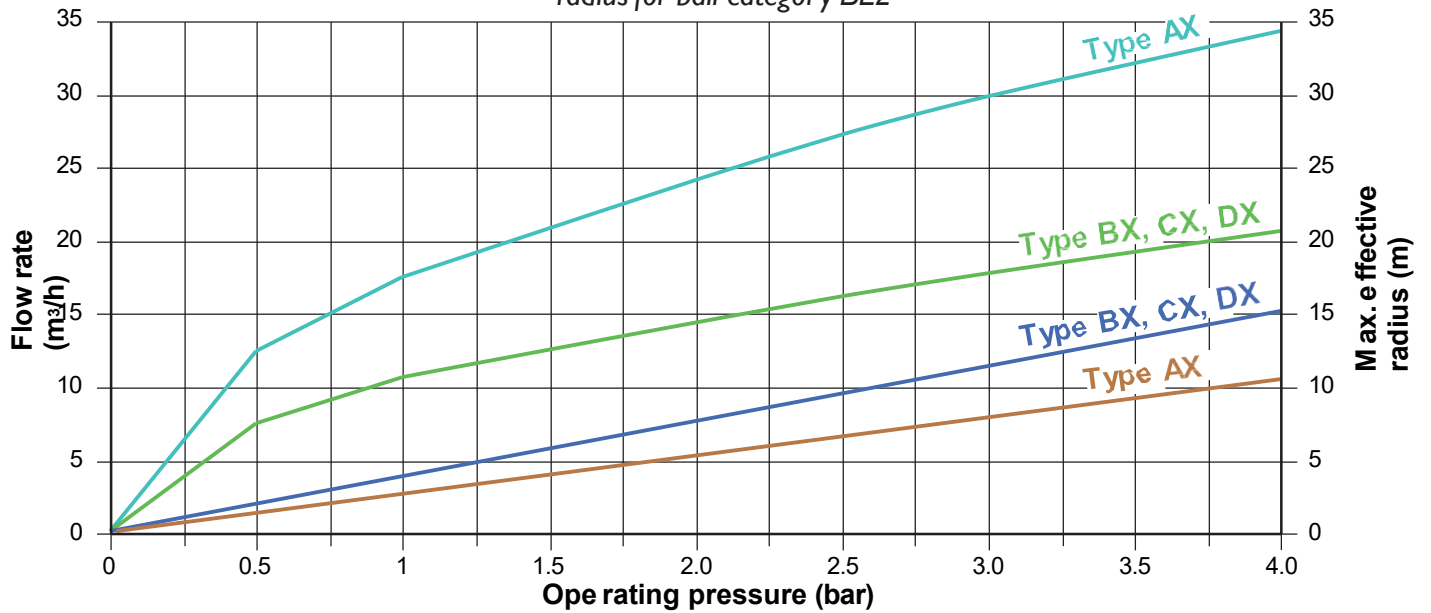
Category BL1 -Type AX: Reference 465612-1AX

The supply pump delivers 2.5 bar.

So the ball requires 24.9 m³/h water supply and will be able to rinse a tank with a max. radius of 4.6 m (see red arrows)

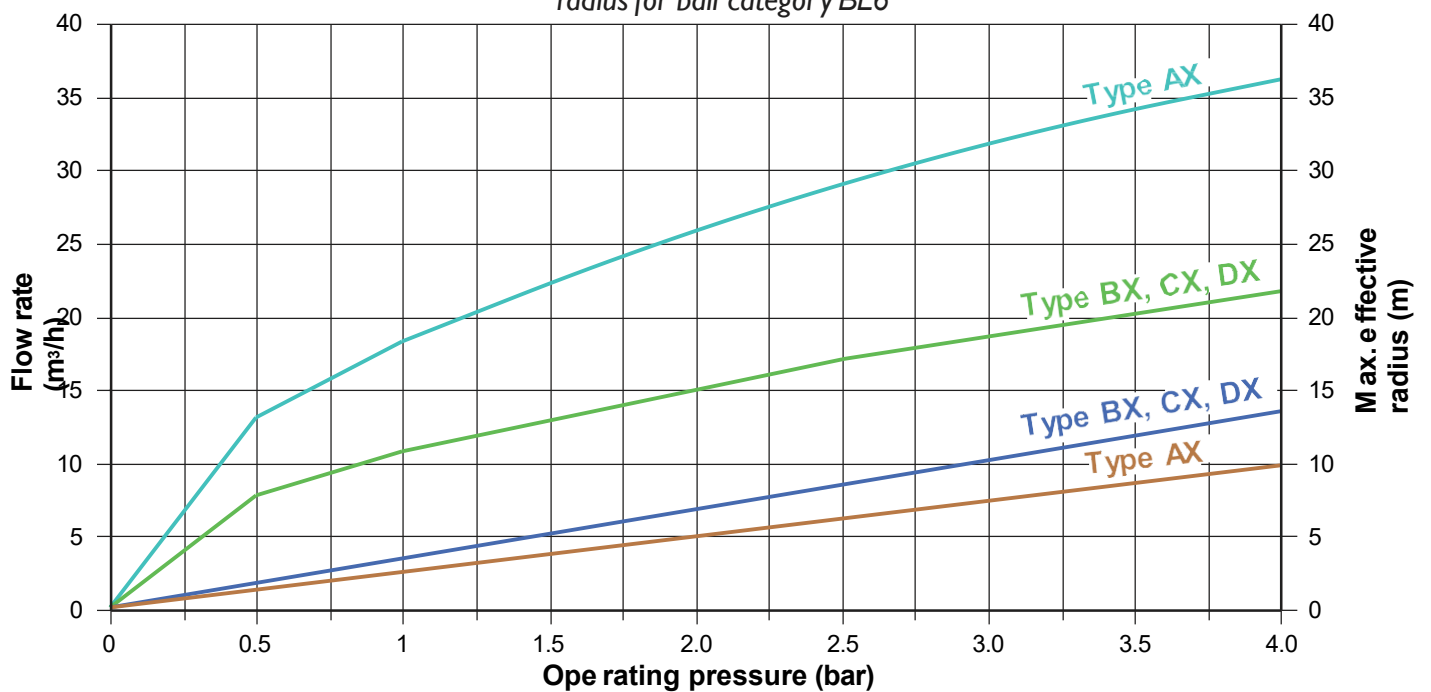
	Pressure/Flow rate curve
	Pressure/Max. effective radius curve

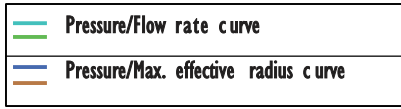
Relationship between pressure, flow rate and max. effective radius for ball category BL2



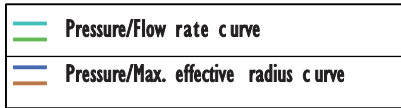
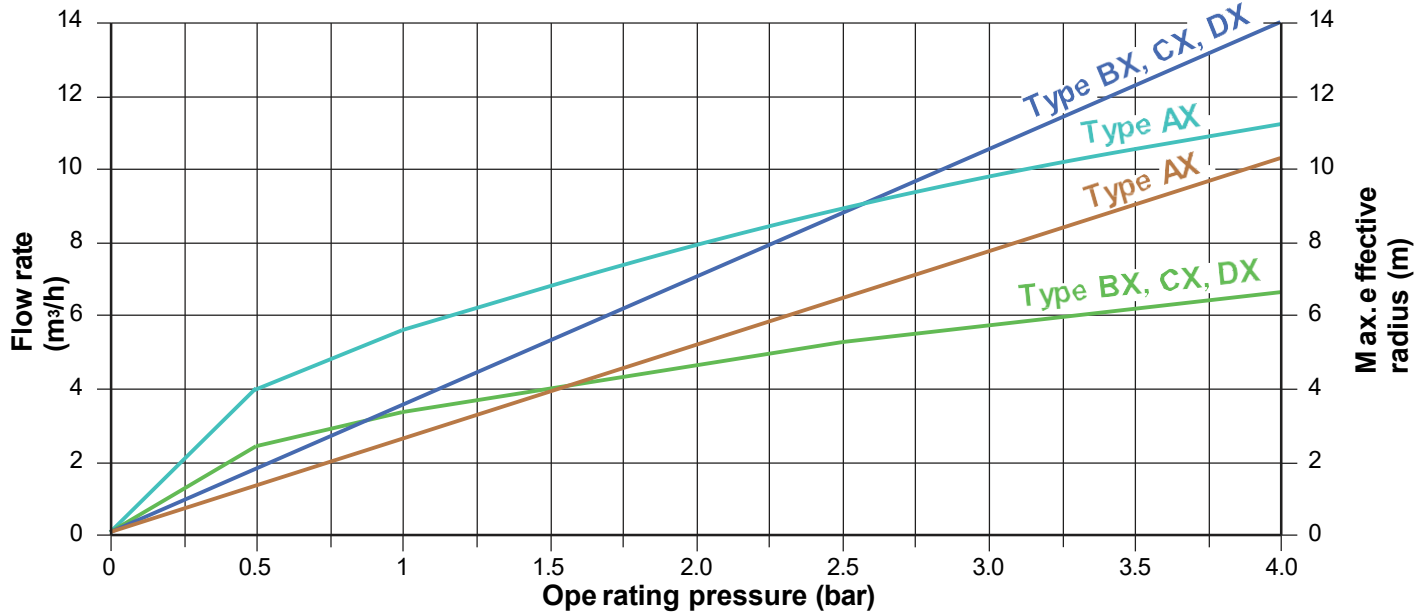
	Pressure/Flow rate curve
	Pressure/Max. effective radius curve

Relationship between pressure, flow rate and max. effective radius for ball category BL6

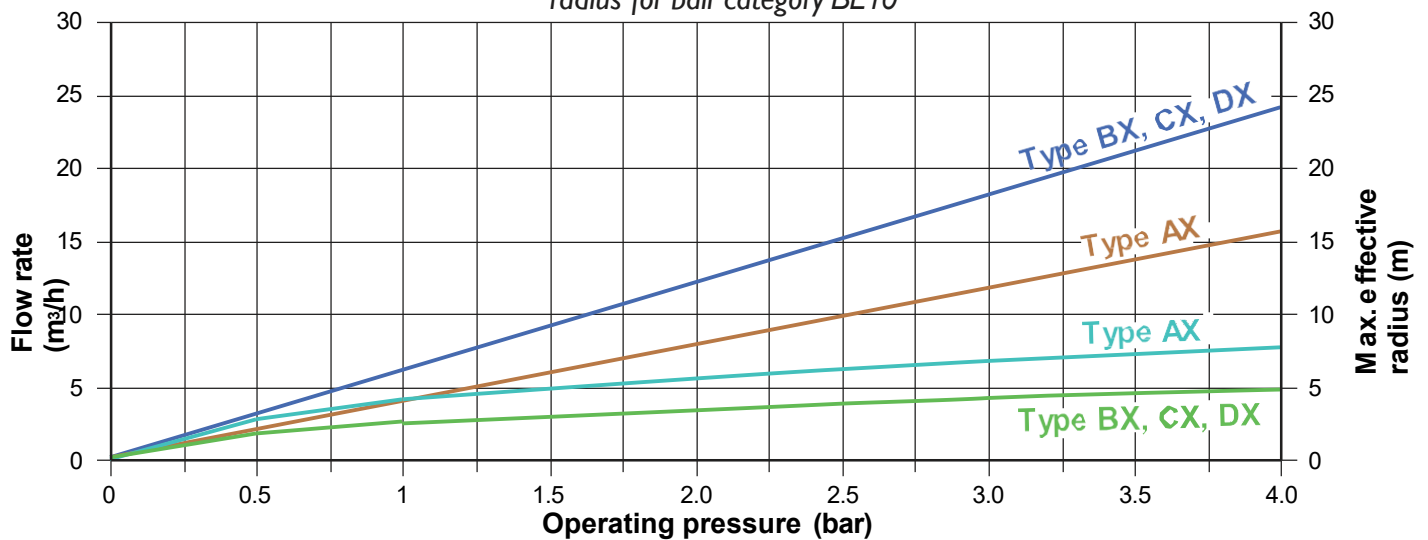


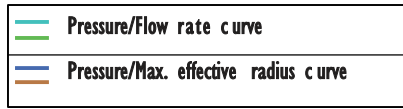


Relationship between pressure, flow rate and max. effective radius for ball category BL8

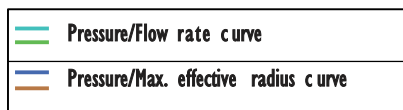
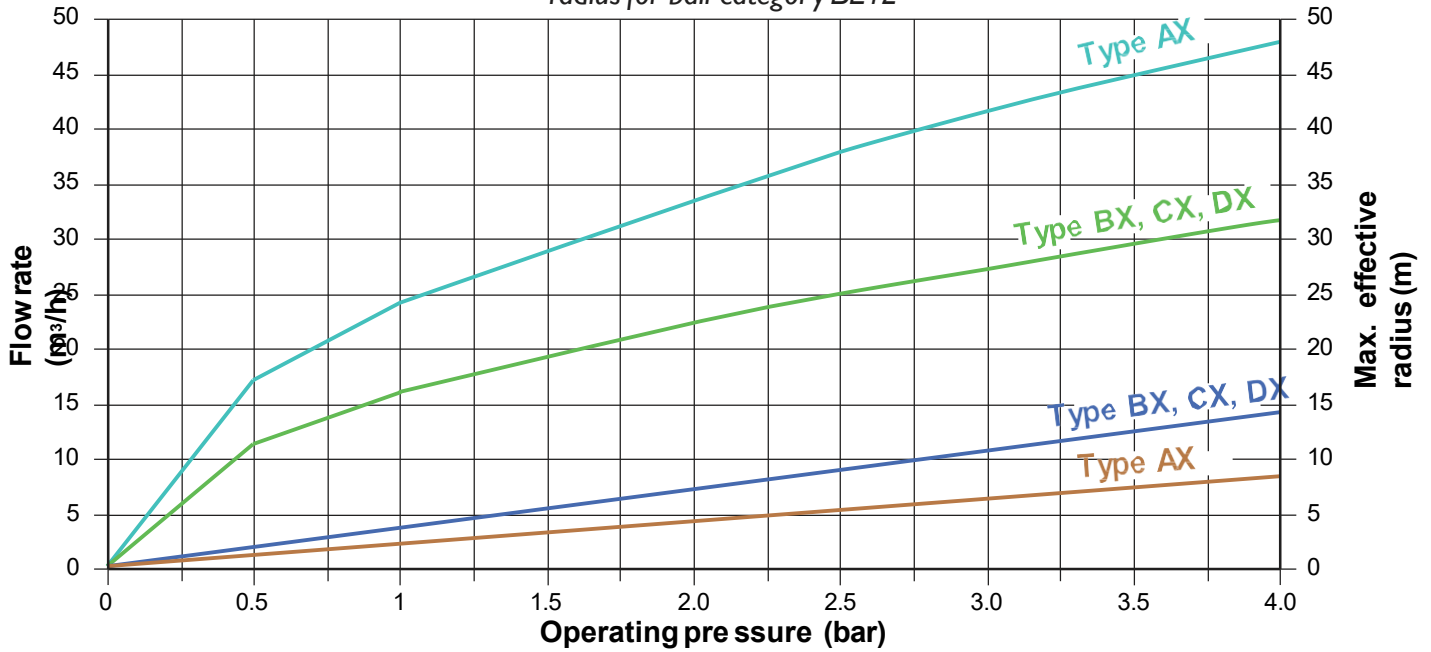


Relationship between pressure, flow rate and max. effective radius for ball category BL10

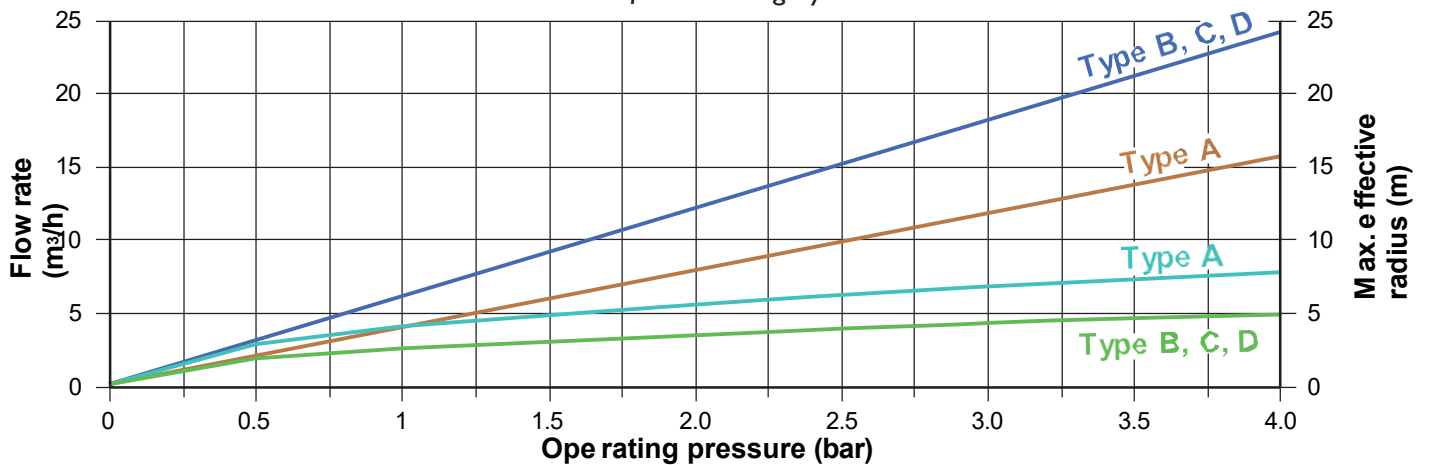


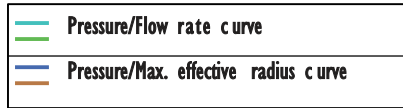


Relationship between pressure, flow rate and max. effective radius for ball category BL12

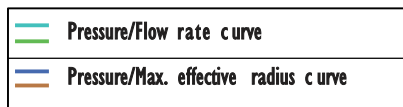
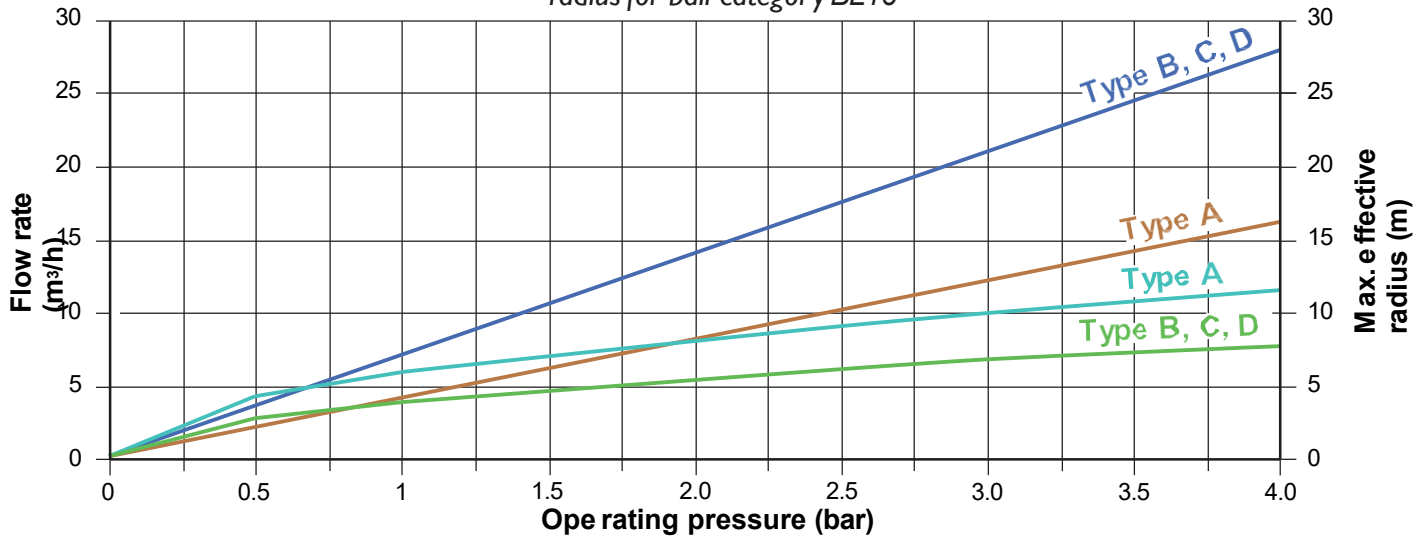


Relationship between pressure, flow rate and max. effective radius for ball category BL15





Relationship between pressure, flow rate and max. effective radius for ball category BL16



Relationship between pressure, flow rate and max. effective radius for ball category BL17

