



This datasheet refers to our range of static spray balls. Also available from us are rotating spray balls. Information on these is available on a separate datasheet, please do not hesitate to ask for one.

See following page for size and fittings chart.

Spray balls are manufactured in different sizes with options of connections and drilling patterns to suit various applications.

The flow rate required will depend on factors such as:

Duration of the cleaning cycle, type and temperature of the cleaning fluid, the nature of the vessel contents etc. Most industries have evolved their own cleaning procedures based on trial and experience with their own particular products, however as a general guide the flow rate required and hence the size or number of spray balls required can be determined as such:

For vertical tanks – Allow one cubic metre per hour for every metre of tank circumference.

For horizontal tanks – Allow one cubic metre per hour for  $2 \times \text{diameters} + 2 \times \text{length}$  in metres.

The pressure of the cleaning fluid at the spray ball should be between one and three bar. Higher pressures can result in the fluid atomising and reducing the cleaning effect.

PART NO	SPRAY HOLE DIA (MM)	BALL DIA D (MM)	CONNECTION SIZE & TYPE	H (MM)	FLOW (M <sup>3</sup> )				CLEANING RADIUS			
					TYPE A	TYPE B	TYPE C	TYPE D	TYPE A	TYPE B	TYPE C	TYPE D
SB1	2.5	65	1" Clip	60	15.7	10.2	10.5	10.1	1.8	3.0	3.2	2.9
SB2	2.5	65	1.5" Clip	60	18.8	8.4	11.2	10.2	2.6	2.0	3.7	3.0
SB3	2.5	65	0.75" BSPF	45	13.2	8.7	9.2	9.2	1.3	2.2	2.5	2.5
SB4	1.6	50	1.5" Clip	53	6.6	4.0	3.7	3.9	1.9	2.8	2.3	2.6
SB6	2.5	65	1.25" Clip	59	17.9	9.3	10.5	10.1	2.3	2.5	3.2	3.0
SB7	2.5	65	1.5" Clip	60	18.3	8.1	11.8	10.4	3.0	2.4	4.9	3.9
SB8	1.6	50	0.75" Clip	49	5.5	3.4	3.2	3.5	2.5	3.8	3.4	4.1
SB9	1.6	50	0.5" BSPF	49	5.4	3.0	3.1	3.3	2.4	3.0	3.2	3.6
SB10	1.6	50	1" Clip	52	7.2	4.7	4.7	4.5	4.3	7.2	7.2	6.7
SB11	2.5	90	1.25" BSPF	63	29.3	12.7	15.9	15.9	3.1	2.2	3.4	3.1
SB12	2.5	90	1.5" Clip	75	24.2	13.4	15.9	14.2	2.0	2.4	3.4	2.8
SB14	2.0	120	2" Clip	87	19.0	10.2	8.9	10.0	2.0	2.3	1.7	2.2
SB15	1.6	40	0.75" Clip	44	3.7	2.3	2.3	2.4	3.8	5.5	5.9	6.1
SB16	1.3	40	0.75" Clip	44	5.1	3.0	3.1	3.1	4.7	6.4	7.0	7.1
SB17	1.3	28	0.25" BSPF	23	1.8	1.2	1.4	1.4	1.0	1.6	2.2	2.3

Please note that all values quoted in this table are at 1 bar working pressure

