

Rotary Spray Devices

Rotary spray devices are used when faster wetting is required, harder-to-clean soils are present, or water savings is important. Sani-Matic provides several types of rotating spray devices (rotating spray balls, spate cleaners, and controlled jet sprays, etc.) from AWH, Armaturenwerk Hötensleben GmbH, a member of NEUMO-Ehrenberg Group. These dynamic spray devices can provide additional cleaning impact from rotation when compared to the cascading cleaning action of static spray devices.

TANKO® RB

The TANKO® RB is an entry-level rotating spray device. Typical applications are similar to those using static spray balls. A major advantage of the rotating ball is its ability to maintain its cleaning function as a static spray ball if the device stops rotating. When rotating, the device's rotating spray jets also create some bounce back or deflective cleaning.

All AWH Spray Devices come with a Material Test Report (MTR).



QUICK TIPS

Will the TANKO RB work if a spray hole is clogged?

If individual spray holes become blocked, the device's rotation allows the remaining spray holes to compensate. This ensures continued complete wetting of the tank walls.

What if the device stops rotating?

Rotating balls can stop working. The TANKO RB will continue performing as a static spray ball if the bearings jam. Operators can troubleshoot by cleaning blocked openings and checking for worn bearings.

Strainer Sizing

Use the below recommendations for sizing a strainer to use upstream of rotary and jet spray devices.

Wedgewire Element: 0.007" or smaller

Mesh Overlay: 80 mesh or higher

Filter Tube: 180 micron or smaller

GOOD TO KNOW

- **Material:** Body (316Lss), Ball Bearing (316) stainless steel
- **Maximum Working Temperature:** 446 °F
- Designed with a double ball bearing allowing horizontal installation.
- Faster wetting capabilities can lead to shorter cleaning cycle times dependent on the application.
- The fluid-driven TANKO RB functions by using larger volume flow rates at lower pressure.
- Additional models (RB40 and RB90) with varying flow and pressures are available; contact Sani-Matic Representatives for more information.
- Available in Hastelloy and other high alloy metals.



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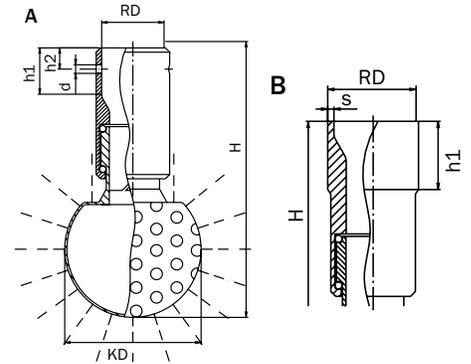
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ENTERPRISES LTD.

1-800-361-5361

TANKO RB Rotary Spray Device

Model	Spray Pattern	Connection Size	Connection Style	Flow (gpm)	Pressure (psi)	Max. Cleaning Radius (ft)	Finish	Part #
TANKO RB30	360° Full Coverage	0.50"	SC	11 - 14	15 - 44	2.5	32 µin Ra	053604
TANKO RB30	360° Full Coverage	0.75"	BW	11 - 14	15 - 44	2.5	32 µin Ra	053603
TANKO RB64	360° Full Coverage	1.00"	BW	48 - 66	15 - 44	5.0	32 µin Ra	053607
TANKO RB64	360° Full Coverage	1.00"	SC	48 - 66	15 - 44	5.0	32 µin Ra	053608

Part #	H	KD	RD	h1	h2	d	S
053604	3.07"	1.18"	0.51"	0.67"	0.31"	0.087"	-
053603	3.54"	1.18"	0.75"	1.02"	-	-	0.065"
053607	5.51"	2.52"	1.00"	1.06"	-	-	0.065"
053608	5.12"	2.52"	1.01"	0.83"	0.39"	0.157"	-



TANKO RB Dimensional Information
(A - Slip Collar, B - Butt Weld)

NOTE: Green highlighted cells indicate stocked items.

TANKO RB Replacement Parts

Model	Description	Qty.	Connection Style	Finish	Part #
TANKO RB30	Wear Parts Kit, Wire Retaining Pin	4 Pieces	SC	32 µin Ra	053554
TANKO RB64	Wear Parts Kit, Wire Retaining Pin	4 Pieces	SC	32 µin Ra	053555

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TANKO RB Rotary Radius Charts

