

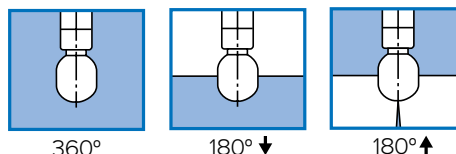
TANKO® CPS

This controlled rotary spray device delivers a high-impact spray at a slow and even rotation. The CPS series bridges the rotary and jet spray product lines, and can be a low-cost solution targeting hard-to-clean rings and tough adhesive soils. Some common "difficult-to-clean" applications include cooking kettles and fermentation tanks.

The TANKO® CPS is compact with a plain bearing system, simple structure, and only a few moving parts for easy maintenance.

With spray coverage options up to 360°, the TANKO CPS series targets heavier soils with directed spray, similar to that of Jet Spray Devices.

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



QUICK TIPS

Does the TANKO CPS have a jet cleaning pattern?

The TANKO CPS is in between a rotary spray and jet spray device and doesn't have a dynamic pattern like a jet cleaning device. It produces a consistent pattern of repeating rings that hit targeted spots to loosen soils. The solution provides erosion coverage for the remainder of the tank.

How many sizes are available with the TANKO CPS Series?

The TANKO CPS Series has CP2S and CP3S options. While the CP2S provides a cleaning radius of 6.6 feet, the CP3S's cleaning radius is 9.8 feet and is ideal when a wider cleaning range is required. *(The CP3S is not featured in the catalog but is available through Sani-Matic Representatives.)*

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

- **Materials:** Solid 316Lss and FDA-compliant PTFE
- **Maximum Working Temperature:** 203 °F
- **Rotations per Minute:** 2-30
- **Minimum Installation Opening (CP2):** 2.0" TC Port or Larger
- Controlled rotation, not a random spray pattern.
- Internal rotor design for a constant, smoother rotation for increased dwell time.
- CPS Series is a solid ball of stainless steel with no welded hemispheres and the central chamber is drilled, creating an internal nozzle.
- Available in Hastelloy and other high alloy metals.

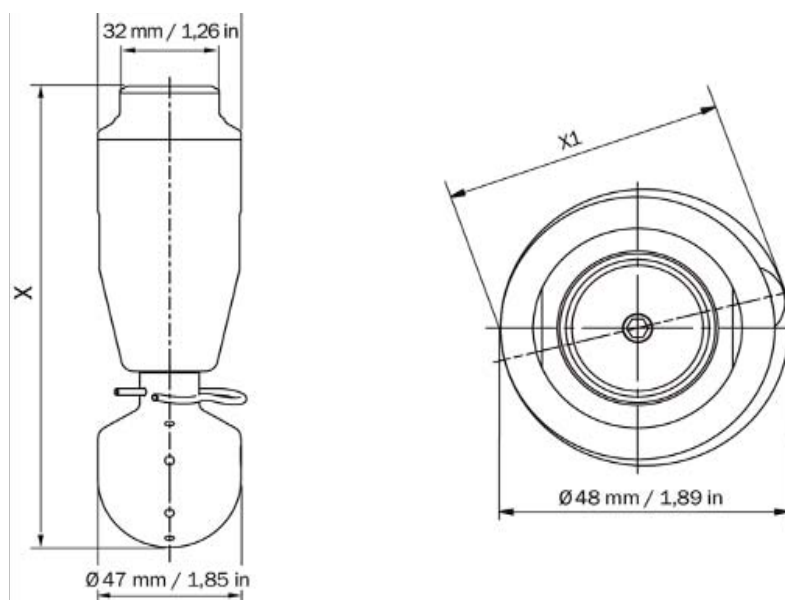


TANKO CP2S Rotary Spray Ball

Model	Spray Pattern	Connection Size	Connection Style	Flow (gpm)	Pressure (psi)	Max. Cleaning Radius (ft)	Finish	Part #
TANKO CP2S	180° Downward	0.75"	FNPT	13 - 16	73 - 116	6.6	32 µin Ra	053585
TANKO CP2S	180° Upward	0.75"	FNPT	13 - 16	73 - 116	6.6	32 µin Ra	053586
TANKO CP2S	360° Full Coverage	0.75"	FNPT	14 - 18	73 - 116	6.6	32 µin Ra	053581
TANKO CP2S	360° Full Coverage	1.00"	SC	18 - 22	73 - 116	6.6	32 µin Ra	053582
TANKO CP2S	180° Upward	1.00"	SC	17 - 21	73 - 116	6.6	32 µin Ra	053583
TANKO CP2S	180° Downward	1.00"	SC	16 - 20	73 - 116	6.6	32 µin Ra	053584

Part #	X	X1
053585	6.10"	1.87"
053586	6.10"	1.87"
053581	6.10"	1.87"
053582	6.50"	1.87"
053583	6.50"	1.87"
053584	6.50"	1.87"

NOTE: **Green highlighted** cells indicate stocked items.



TANKO CP2S Dimensional Information
(Threaded Connection Shown)



Watch the TANKO® CP
in Action!

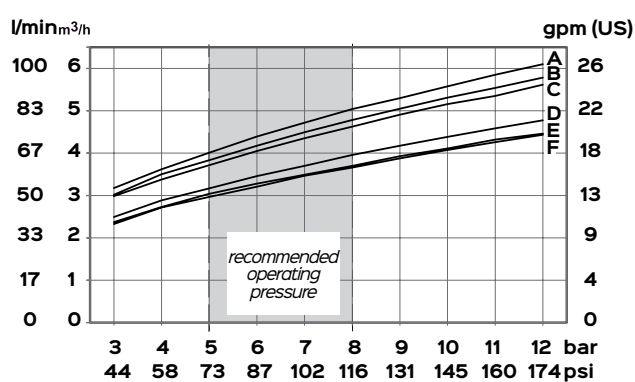
TANKO CP2S Replacement Parts

Model	Description	Part #
TANKO CP2S	Wear Parts (Includes (2) Bushings, (1) Sliding Disk, (5) Set Screws, (1) Cotter Pin)	053550
TANKO CP2S	Slip Collar Pin Set Replacement (Includes (1) Connection Pin, (1) Cotter Pin)	053571

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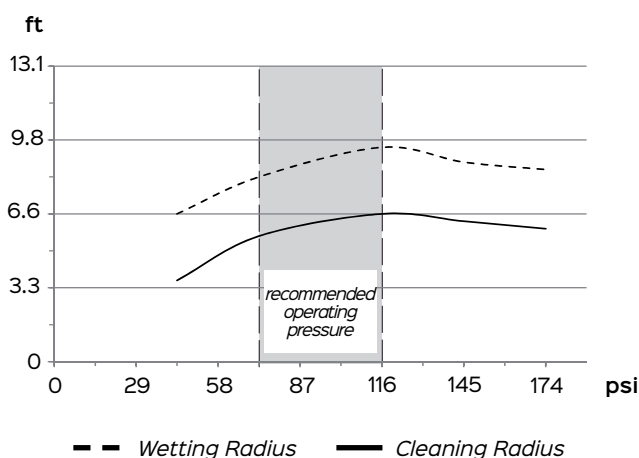
TANKO CP2S Flow/Pressure and Cleaning Radius Charts

TANKO CP2S Flow/Pressure



A: 360° slip-collar; B: 180° upward slip-collar;
C: 180° downward slip-collar;
D: 360° threaded; E: 180° upward threaded /
180° downward threaded

TANKO CP2S Cleaning Radius



--- Wetting Radius — Cleaning Radius

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