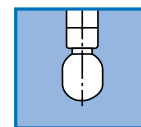


TANKO® JM

TANKO® JM jet spray devices have a sturdy, external bevel gear which is readily accessible for easy inspection and cleaning. These jet spray devices are commonly used in applications that require high-impingement cleaning and can be configured to adjust the spray volume for optimal process effectiveness. AWH jet spray devices have low water consumption requirements which helps to reduce the amount of water needed for a given application.

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



360°



TANKO JM100

- **Materials:** 316Lss, 304ss, PTFE, PEEK
- **Maximum Working Temperature:** 203 °F
- **Minimum Installation Opening:** 4"
- **Rotation Speed (RPM):** Approx. 5-20 rpm
- **Weight:** Approx. 3 lbs 13 oz
- **Design:** Two, two-nozzle sprays
- **Spray Pattern:** Multi-axis 360° jet spray
- Slide bearings for horizontal or vertical mounting
- 6.5 minute cleaning cycle at 80 psi



TANKO JM500

- **Materials:** 316Lss, 304ss, PTFE, PEEK
- **Maximum Working Temperature:** 203 °F
- **Minimum Installation Opening:** 8.5"
- **Rotation Speed (RPM):** Approx. 5-20 rpm
- **Weight:** Approx. 13 lbs 3 oz
- **Design:** Two, two-nozzle sprays
- **Spray Pattern:** Multi-axis 360° jet spray
- Slide bearings for horizontal or vertical mounting
- 5.5 minute cleaning cycle at 80 psi



TANKO JM800

- **Materials:** 316Lss, 304ss, PTFE, PEEK
- **Maximum Working Temperature:** 203 °F
- **Minimum Installation Opening:** 12"
- **Rotation Speed (RPM):** Approx. 5-20 rpm
- **Weight:** Approx. 18 lbs 6 oz
- **Design:** Three nozzles. Concentrated spray can throw jets of water farther
- **Spray Pattern:** Multi-axis 360° jet spray
- Vertical mounting
- 7.5 minute cleaning cycle at 80 psi

QUICK TIPS

How are the external gears cleaned?

The hygienic design includes intentional "leaks," or weep holes, allowing water to clean the external gears throughout the cycle.

GOOD TO KNOW

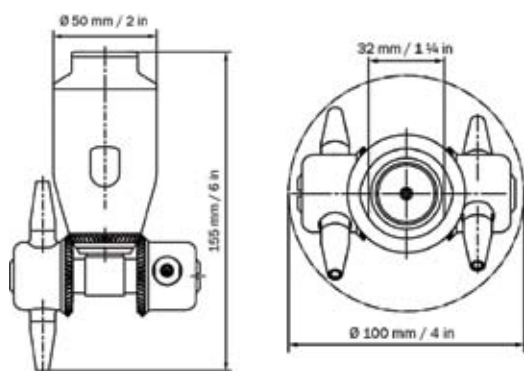
- Proof of rotation is possible when paired with the FDA-compliant CIPGuard (TCG-ZR) rotation sensor.
- Cleaning cycle times are dependent on operating pressure - the higher the pressure, the higher the RPM, and the shorter the overall cleaning cycle.



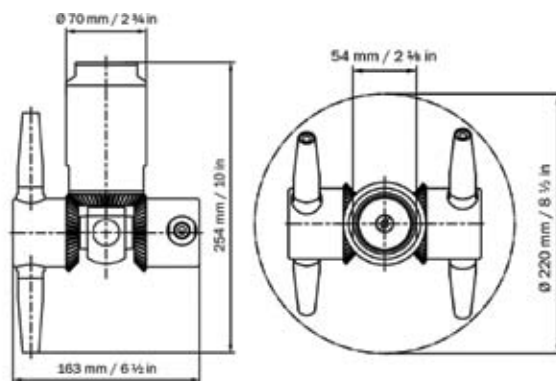
TANKO JM Jet Spray Device

Model	Spray Pattern	Spray Nozzle	Connection Size	Connection Style	Flow (gpm)	Pressure (psi)	Max. Cleaning Radius (ft)	Material	Finish	Part #
TANKO JM100	360° Full Coverage Nozzle Spray	Four (4) 3.7 MM Nozzles	0.75"	FNPT	10-18	44-145	7.6	304/316	32 µin Ra	053591
TANKO JM100	360° Full Coverage Nozzle Spray	Four (4) 4.3 MM Nozzles	0.75"	FNPT	11-19	44-145	7.6	304/316	32 µin Ra	053590
TANKO JM500	360° Full Coverage Nozzle Spray	Four (4) 6.5MM Nozzles	1.50"	FNPT	29-70	44-189	18.7	316	32 µin Ra	053592
TANKO JM500	360° Full Coverage Nozzle Spray	Four (4) 8.0 MM Nozzles	1.50"	FNPT	46-100	44-189	18.7	316	32 µin Ra	053593
TANKO JM500	360° Full Coverage Nozzle Spray	Four (4) 9.5 MM Nozzles	1.50"	FNPT	62-130	44-189	18.7	316	32 µin Ra	053594
TANKO JM800	360° Full Coverage Nozzle Spray	Three (3) 8.0 MM Nozzles	1.50"	FNPT	63-94	73-189	22.3	316	32 µin Ra	053596
TANKO JM800	360° Full Coverage Nozzle Spray	Three (3) 9.5 MM Nozzles	1.50"	FNPT	77-120	73-189	22.3	316	32 µin Ra	053595

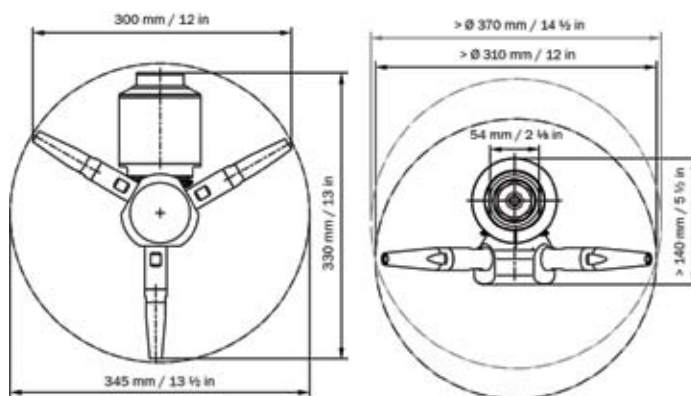
NOTE: **Green highlighted** cells indicate stocked items.



TANKO JM100 Dimensional Information



TANKO JM500 Dimensional Information



TANKO JM800 Dimensional Information



Watch the TANKO® JM
in Action!

TANKO JM Replacement Parts

Model	Description	Part #
TANKO JM100	Wear Parts Kit	053552
TANKO JM100	Repair Kit, Tool, Rotor, Installation-Removal	053570
TANKO JM100 TANKO JM500 TANKO JM800	Repair Kit, Work Holders, 2 Assembly Jaws	053569
TANKO JM500 TANKO JM800	Wear Parts	053566
TANKO JM500 TANKO JM800	Repair Kit, Tool, Rotor, Installation-Removal	053567
TANKO JM500 TANKO JM800	Repair Kit, Special Key for Gear Wheel Installation	053568

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

TANKO JM Accessories

For proof of rotation sensor, see CIPGuard® product on page 111.



DISTRIBUTED BY

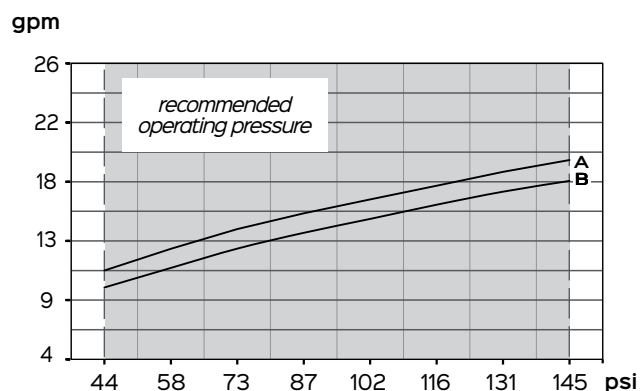


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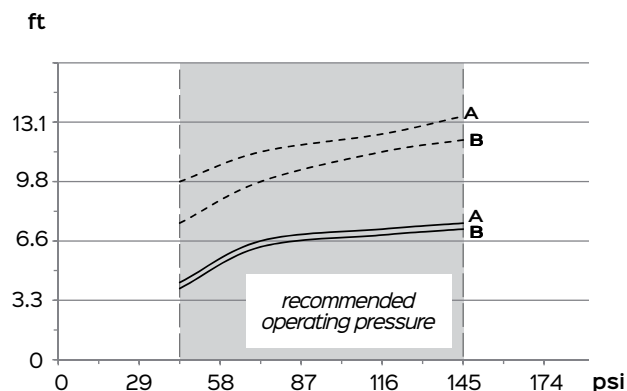
TANKO JM Flow/Pressure and Cleaning Radius Charts

TANKO JM100 Flow/Pressure



A: 4 x Ø 4.3 mm; B: Ø 3.7 mm

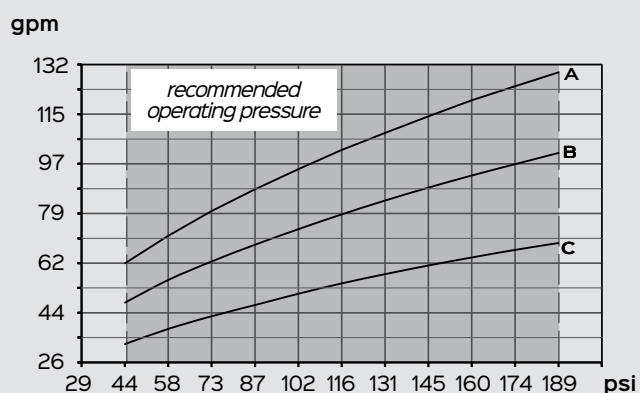
TANKO JM100 Cleaning Radius



A: 4 x Ø 4.3 mm; B: Ø 3.7 mm

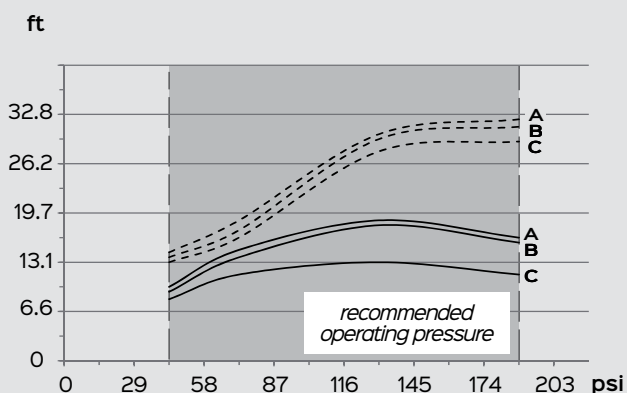
--- Wetting Radius — Cleaning Radius

TANKO JM500 Flow/Pressure



A: 4 x Ø 9.5 mm; B: Ø 8.0 mm; C: Ø 6.5 mm

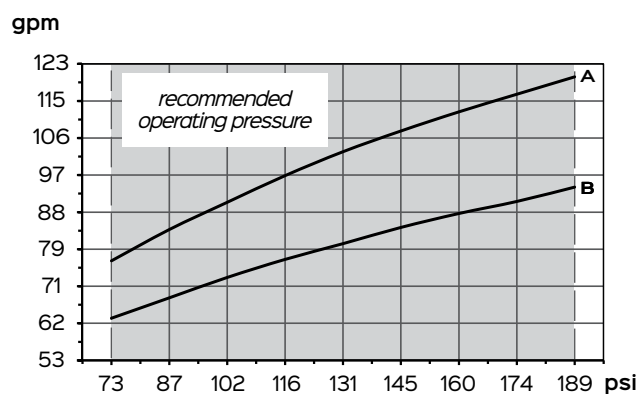
TANKO JM500 Cleaning Radius



A: 4 x Ø 9.5 mm; B: Ø 8.0 mm; C: Ø 6.5 mm

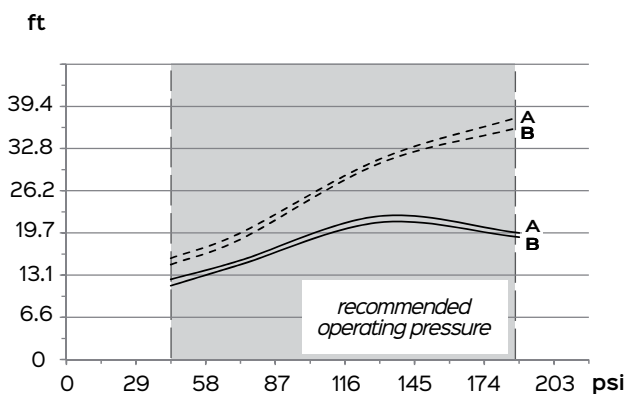
--- Wetting Radius — Cleaning Radius

TANKO JM800 Flow/Pressure



A: 4 x Ø 9.5 mm; B: Ø 8.0 mm

TANKO JM800 Cleaning Radius



A: 4 x Ø 9.5 mm; B: Ø 8.0 mm

--- Wetting Radius — Cleaning Radius