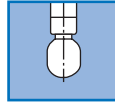


TANKO® JX70



360°

The TANKO® JX series combines strong cleaning power with very economic use of the cleaning medium.

The electric motor means that no cleaning medium is needed for driving the rotation. This allows the rotation and the speed of rotation to be easily adjusted to suit the cleaning requirements. The nozzle geometry determines the cleaning medium throughput, the range of the system and thus the possible cleaning power. These system allow the optimum cleaning force to be applied to the surface to be cleaned. The 360° spray pattern cleaning is based on 2 nozzles.

All consumption specifications are for orientation only.
The dimensions listed are in mm and are nominal dimensions.

Technical Parameters

Spray angle:	360° orbital
Basic device materials:	1.4571 (316Ti), PTFE, PEEK, EPDM, iglidur® A500 1.4301 (304), 1.4401 (316), 1.4404 (316L), 1.4408 (316L), 1.4435 (316L), 1.4568 (301), FKM, FKM with FEP coating
Connections:	Process connection (PA): DN80 union DIN 11851 Medium connection (MA): 1/2" BSP male thread DIN ISO 228
Operating pressure:	Cleaning medium: 2 - 20 bar / 29 - 290 psi
Working temperature:	Cleaning medium: max. 95 °C / 203 °F (Does not apply to ATEX versions!)
Ambient temperature:	Outside the vessel: max. 110 °C / 230 °F (Does not apply to ATEX versions!) Outside the vessel: min. -20 °C / -4 °F, max. 40 °C / 104 °F (does not apply to ATEX versions!)
Volume flow rate:	0.2 - 2.5 m³/h / 3.3 - 41.7 l/min / 1 - 11 gpm (US)
Range:	Cleaning radius: max. 2.1 m / 6.9 ft Wetting radius: max. 4.3 m / 14.1 ft
Bearings:	Ball bearing, plain bearing
Installation dimensions:	Usable downpipe length 300 mm, 500 mm, 750 mm und 1000 mm
Downpipe extension:	without
Number of nozzles:	2, optional: 1; 3 or 4
Nozzle bore:	1 - 4 mm, depending on expected cleaning power
Min. installation opening:	fixed installation: Ø 60 mm / 2 ½ in (2-nozzle), Ø 75 mm / 3 in (3-nozzle), Ø 70 mm / 2 ¾ in (4-nozzle) mobile use: Ø 85 mm / 3 11/32 in
Drive:	45 W electric geared motor 230/400 V, 50 Hz, IP 54; 14 rpm; optional: 90 W electric geared motor, other speeds and protection classes, version with frequency converter, compressed air motor

Information as per ATEX (excerpt)

The cleaning devices satisfy the explosion protection requirements of Directive 2014/34/EU.

Current information on the type approval of the cleaning devices: TANKO® JX70

The "Ex" labeling of the device depends in particular on the configuration of the drive (e.g. compressed air or electric geared motor). The mechanical non-electrical pType of the device (without drive) for use in potentially explosive atmospheres is designated with the letter "h" and designed in the standardized type of protection constructive safety "c" according to EN ISO 80079-37.

The specific "Ex" labeling of explosion-proof versions is located on the device in accordance with the information from the associated device drawing and the operating/assembly instructions.

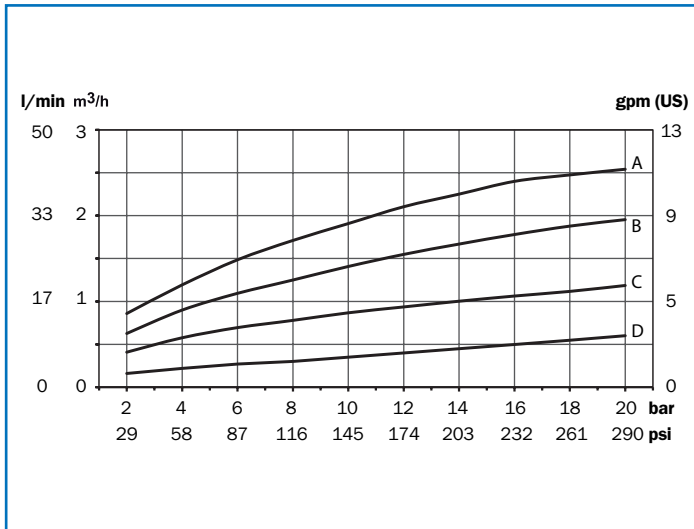
Example of a device with compressed air geared motor (category 2):

(G = Gas, D = Dust, X at the end of the identification number = Special conditions, see operating instructions)

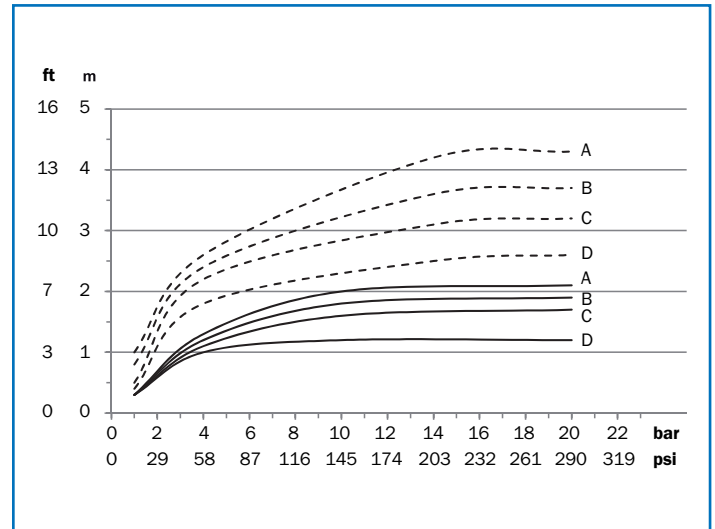
II 1/2G Ex h IIB T6...T4 Ga/Gb
II 1/2D Ex h IIIC T85° C...T110° C Da/Db
TPS 21 ATEX 055073 0010 X

The technical data of the ATEX units can differ from the standard units and this data is provided in the respective operating and installation instructions.

Consumption Data and Throw Length Data



- A** – 2 x Ø 4 mm
- B** – 2 x Ø 3 mm
- C** – 2 x Ø 2 mm
- D** – 2 x Ø 1 mm



- A** – Ø 4 mm
- B** – Ø 3 mm
- C** – Ø 2 mm
- D** – Ø 1 mm

--- Wetting radius — Cleaning radius

Example Applications

- Effective tank cleaning, even with complex geometries (internal fittings, connections etc.), in the food industry, chemical industry and pharmaceutical industry
- High cleaning force for adhesive products

Services

Measuring Report

Number of measuring points	Description	Price/EUR
8	Roughness	140.00