

Vane-wheel single-jet dry water meter

JS IMPERO (DN50-100)

Description

For precise measuring of consumption of greater amounts of cold water with a temperature up to 50 °C in the closed-circuit system with the full flow of the flux, and on the maximum working pressure up to 16 bar (PN16). Suitable for installation in the horizontal hoses (pipelines) with the counter directed upwards (H). Water meters JS Impero in standard version are equipped with sixbarrel counter (IP65) and painted cast-iron housing. Water meters are adapted to operation in the systems of remote data transfer (AMR).

Metrological class (MID - R315)

Cold water H

Product features

- Preequipped for installation of: radio module for communication in the Wireless M-Bus, impulse module
- Wide measuring range
- Low starting rate
- Double-sided rotor bearing
- Removable measuring panel
- Easy reading of the water meter counter
- Counter mechanism with blockade against multiple rotating, at rotation angle more than 360°
- Standard adaptation for installation of radio and impulse module
- Readings reliability
- Hermetic counter – IP68 on request *)
- Special housing design with the connection for pressure measurement available



Technical data

Type	Q ₃ [m ³ /h]	DN [mm]	Length [mm]	Connecti- on***
JS 50	25	50	**270 / ***300	flange
JS 50-XX*	25	50	**270 / ***300	flange
JS 65	40	65	300	flange
JS 65-XX*	40	65	300	flange
JS 80	63	80	**300 / *** 350	flange
JS 80-XX*	63	80	**300 / ***350	flange
JS 100	100	100	**360 / ***350	flange
JS 100-XX*	100	100	**360 / ***350	flange

Water meter housing with pressure measurement outlet available on request

*)Water meters designs – where

-XX stands for.

-NK– Water meter with pulse transmitter with standard cable length of 2 linear metres – max. 10 m – remote transmission of volume counting

-NO– opto-electronic transmitter with standard cable length of 2 linear metres – max. 10 m – remote transmission of volume counting

-NKO – water meter equipped with NK and NO transmitter

-NKOP – water meter adapted for installation of NK and NO transmitter

On request — housing with pressure measurement outlet (coupling with lockshield valve of the HASCO type: Z807/13/16x1.5)

**)Hermetic counter (IP68) available on request, pre equipped for radio transmitters - Wireless M-Bus standard

or NK transmitter with pulse range 10, 100 or 1000 (not applicable to NO and NKO)

**) On request (housing length according to ISO 4064)

****) Flange drilling: standard according to PN-EN 1092-2 (PN10), DIN 2532, DIN 2501 (PN10), BS4504 (PN10)

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