

JS-NK

Single-jet vane-wheel dry water meters (DN15-20)

Application

Measurement of water flow and volume up to 30°C or 50°C or 90°C hot water in full-flow rated, closed-loop systems, MOP 16 bar (PN16). For installation in horizontal piping with the counter upward (**H**↑) or to either side (**H**→) and in vertical piping with the counter sideways (**V**). Complete with pulse modules (JS-NK). The standard versions feature 5-barrel counters (IP65), SN+ anti-tamper magnetic protection, and brass bodies. The water meters can support AMR (automatic meter reading) connectivity.



JS90-NK

JS-NK

Measurement range (MID):

- Cold water: **R100** - (**H**↑); **R50** - **V**, (**H**→)
- Hot water: **R80** - (**H**↑); **R40** - **V**, (**H**→)



Table 5. Basic technical data

Type		Q ₃ (m ³ /h)	DN (mm)	Length (mm)	Connection ends	Net weight (kg)	NK pulse value (dm ³ /pulse)	
							Standard	On request
Cold water meters								
JS 1,6-XX*	R100	1.6	15	110	G¾	0.65	10	0.25; 1; 2.5 25; 100 250; 1000
JS 1,6-03-XX*	R80	1.6	15	110	G¾	0.47		
JS 2,5-XX*	R100	2.5	15	110***	G¾	0.65		
JS 2,5-03-XX*	R80	2.5	15	110	G¾	0.47		
JS 2,5-G1-XX*	R100	2.5	20	130	G1	0.75		
JS 4-XX*	R100	4	20	130	G1	0.75		
Hot water meters**								
JS90 1,6-XX*	R80	1.6	15	110	G¾	0.65	10	0.25; 1; 2.5 25; 100 250; 1000
JS90 1,6-03-XX*	R80	1.6	15	110	G¾	0.47		
JS90 2,5-XX*	R80	2.5	15	110***	G¾	0.65		
JS90 2,5-03-XX*	R80	2.5	15	110	G¾	0.47		
JS90 2,5-G1-XX*	R80	2.5	20	130	G1	0.75		
JS90 4-XX*	R80	4	20	130	G1	0.75		

Water meter versions:

*-XX notation:

-NK – with reed-relay transmitter, standard wiring length 2 lin.m (10 lin.m maximum) for remote volume reading output

-03-NK – 5-barrel counter, plastic body (available in JS 1,6 and JS 2,5 with 110 mm of length, R80 for cold and hot water)

** Special water meter versions available on request:

-S – hardened bearing version (for hot water circulation systems), not applicable to version 03

*** On request: 115 mm or 80 mm long versions (available in JS 2,5 and JS90 2,5 with brass bodies)

Available on request:

IP68 – counter ingress protection (IP) rating

Product features

- Reliable readings by compliance with the latest MID requirements
- Pre-equipped for AMR systems
- Easy counter reading
- Fogging-resistant hermetical counter (by increased sealing)
- Counter mechanism rotation lock at 360° of turn
- External mechanical tamper protection
- Frost-damage protection
- Double-sided rotor bearings
- Water meter outlet end preequipped for an optional check valve