

MecTo SJ PLUS – SJ EVO



SJ PLUS



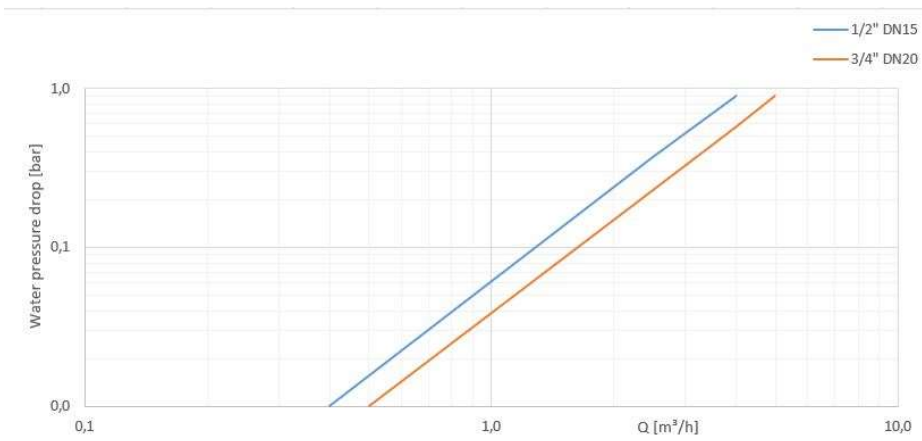
SJ EVO

Single jet water meter, dry dial and super dry magnetic drive

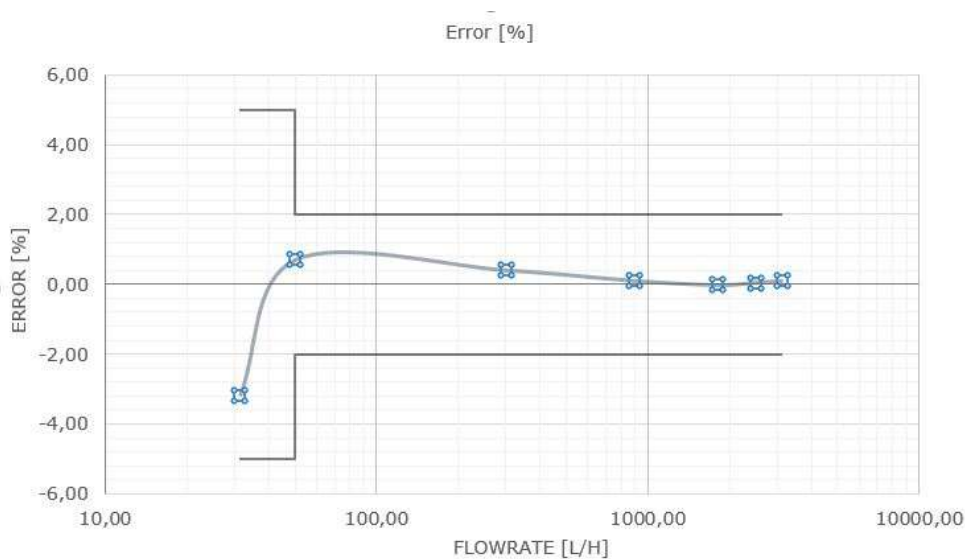
MecTo SJ is the ideal solution for residential applications (submetering) and indoor installation.

- For cold or hot water
- Register available in three versions: direct-read, ready for a reed switch or Namur pulser (SJ PLUS) or for an M-Bus or radio module (SJ EVO)
- High protection against external magnetic fields
- MID: HR ≤ 160, VR ≤ 63
- DN: 15 mm and 20 mm

HEAD LOSS



TYPICAL ERROR CURVE



HYDRAULIC PERFORMANCE

SIZE		mm	15		20	
Performance according to Directive 2014/32/EU						
Q ₃	m ³ /h		1.6	2.5	2.5	4.0
Q ₄	m ³ /h		2.0	3.125	3.125	5.0
R100						
Q ₁	l/h		16	25	25	40
Q ₂	l/h		25.6	40	40.6	64
R80						
Q ₁	l/h		20	31.25	31.25	50
Q ₂	l/h		32	50	50	80
Q ₃ /Q ₁	In horizontal position with dial facing upwards (H↑)		100/80/63/50/40	160/125/100/80/63/50/40	100/80/63/50/40	160/125/100/80/63/50/40
	In horizontal position with dial on the side (H→)		50/40	80/63/50/40	50/40	80/63/50/40
	In vertical position with rising flow (V↑)		40	63/50/40	40	63/50/40
Maximum permissible error between Q ₁ and Q ₂ (excluded)			± 5%			
Maximum permissible error between Q ₂ (included) and Q ₄			± 2% with water temperature ≤ 30 °C ± 3% with water temperature > 30 °C			
Temperature class			T30, T50 or T30/90			
Flow profile sensitivity classes			U0-D0			
Accuracy class			2			
Starting flow rate		l/h	6		8	
Head loss (ΔP a Q ₃)			ΔP 63			
Maximum allowable pressure (MAP)		bar	16			
Maximum registration		m ³	100,000			
Minimum registration		l	0.05			

DIMENSIONS

L	mm	80*/110/115/120/130	115/130
L with couplings	mm	190/195/200/210	213/228
H	mm	74.1	74.1
h	mm	11.7	16.7
B	mm	65.2	65.2
Thread		G3/4 B / G1B/ G7/8 B	G3/4 B / G1B
Weight	kg	0.35	0.45

*L 80 mm:

- Q₃ 1.6: H↑ R≤63, H→ R≤40, V↑ R≤40
- Q₃ 2.5: H↑ R≤100, H→ R≤63, V↑ R≤63

