

# SJ PLUS-EVO



## SUPERDRY SINGLE JET METER

SJ Plus / Evo represents the new generation of single jet meter for residential use. The innovative automated production line combines high production capacity with the highest quality. Sj Plus/Evo achieves the highest metrological performance in its category. It can be equipped with the latest remote data transmission technologies.

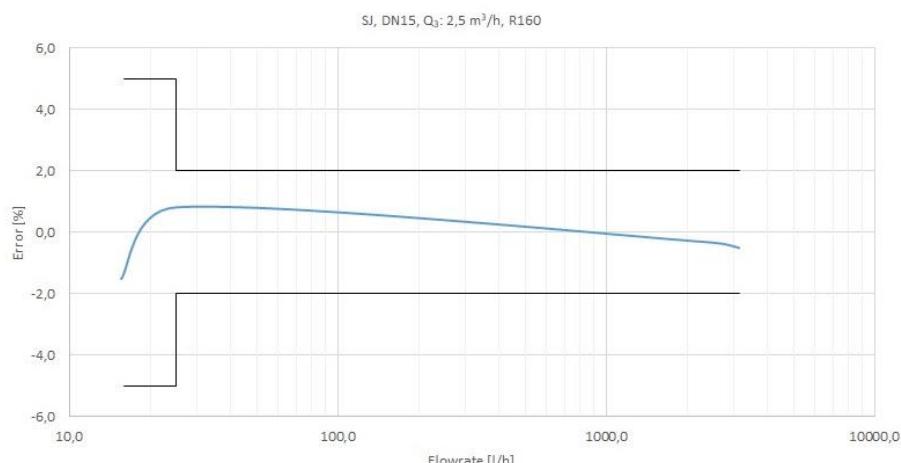
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## FEATURES

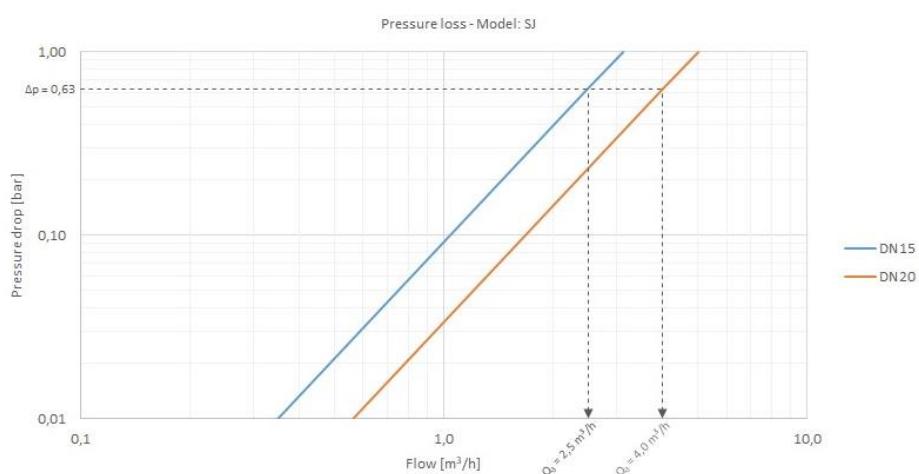
- Superdry single jet meter for hot or cold water
- Ideal for domestic indoor divisional applications (submetering)
- MID-certified: R max 160
- DN: 15÷20
- Health certifications available for a number of countries
- Supports various installation positions
- High protection against external magnetic fields
- Register can be rotated 360°
- Can be provided fitted with wired or radio communication module
- Options available for reed switch (Plus) 1P=10L or static (Evo) 1P=1L pulse emitter



## TYPICAL ERROR CURVE



## HEAD LOSS DIAGRAM



## METROLOGICAL PERFORMANCE

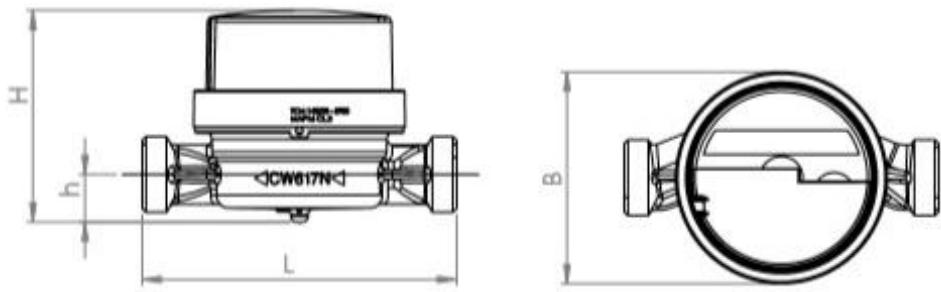
Size	mm	15	20		
	in	1/2	3/4		
<b>Module B no.</b>		TCM 142/20 – 5700			
<b>Module D no.</b>		0119-SJ-A010-08			
<b>Q<sub>3</sub>/Q<sub>1</sub> = R</b> Referred to installation position		H↑ ≤ 100 H→; V↓ ≤ 50 V↑ ≤ 40	H↑ ≤ 160 H→; V↓ ≤ 80 V↑ ≤ 63	H↑ ≤ 100 H→; V↓ ≤ 50 V↑ ≤ 40	H↑ ≤ 160 H→; V↓ ≤ 80 V↑ ≤ 63
<b>MID standard performance *</b>					
<b>Q<sub>3</sub></b>	<b>m<sup>3</sup>/h</b>	1,6	2,5	4	
<b>Q<sub>4</sub></b>	<b>m<sup>3</sup>/h</b>	2	3,13	5	
<b>R</b>		<b>100</b>			
<b>Q<sub>1</sub></b>	<b>l/h</b>	16	25	40	
<b>Q<sub>2</sub></b>	<b>l/h</b>	25,60	40	64	

\* Other values of R available upon request.

## TECHNICAL DATA

Maximum permissible error between Q <sub>1</sub> and Q <sub>2</sub> (excluded)	+/- 5%
Maximum permissible error between Q <sub>2</sub> (included) and Q <sub>4</sub>	+/- 2% with water temperature ≤ 30°C +/- 3% with water temperature > 30°C
Temperature class	T30,T50,T30/90
Flow profile sensitivity classes	U0 – D0
Starting flow rate	l/h 6
Head loss	ΔP63
Nominal pressure	bar 16
Maximum reading	m <sup>3</sup> 99.999
Minimum reading	l 0,05
Indicative weight	kg 0,35
	0,45

## DIMENSIONS



Size	mm	15	20
	in	1/2	3/4
Thread	in	G 3/4 B	G 1 B
L	mm	80*/110/115/120/130 *only Q <sub>3</sub> 2,5 R ≤ H100 VR63	115/130
H	mm		74
h	mm	11,7	16,7
B	mm		65

## COMMUNICATION MODULES



M-BUS<sup>EVO</sup>



RADIO<sup>EVO</sup> 868



REED SWITCH per SJ PLUS



PULSE EVO

For more information on all the accessories available, consult the specific technical data sheets on the website [www.maddalena.it](http://www.maddalena.it)