

Combination Meters Class B



LXF 50/15mm – 200/50mm

HYDRAULIC PERFORMANCE

Size	mm	50 x 15	80 x 20	100 x 20	150 x 40	200 x 50
Metrological class		B	B	B	B	B
Qs Max.	m³/h	30	80	120	300	500
Qp Nominal	m³/h	15	40	60	150	250
Qt Transitional	m³/h	0.12	0.2	0.2	0.8	0.8
Qmin Min.	m³/h	0.03	0.05	0.05	0.2	0.2

FEATURES

- Woltmann-type main meter (class B)
- Low flow measure to class D accuracy (by-pass meter)
- Removable internal mechanism without removing meter from pipeline.
- Easy installation and maintenance.
- Dry dial register with magnetic drive.
- Direct reading register across all sizes.
- Large flow capacity with low pressure loss.
- Extremely wide measuring range.
- Cast Iron epoxy coated body.
- Serial number traceability



WORKING PARAMETERS

- 0°C < cold water ≤ 50°C
- Max pressure: PN16
- Orientation: Horizontal

STANDARD

- ISO 4064

TECHNICAL SPECIFICATIONS

Max. permissible error between Qmin & Qt (excl)		± 5%	
Max. permissible error between Qt (incl) & Qs		± 2%	
Temperature class		T50 (0.1°C ~ 50°C)	
Nominal pressure	Bar	16	
Min. reading	m³	0.0001	0.0001
Max. reading	m³	999,999 + 99,999	

DIMENSIONS

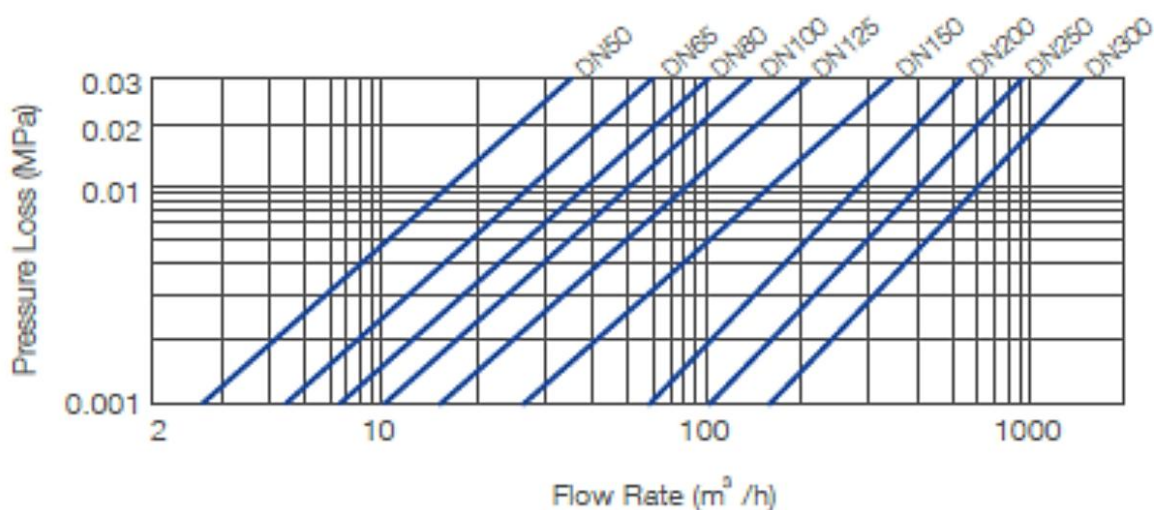
L	mm	300	370	370	500	560
H	mm	214	279	289	319	375
Weight	kg	14.8	27.5	33	64	114.5

Combination Meters Class B



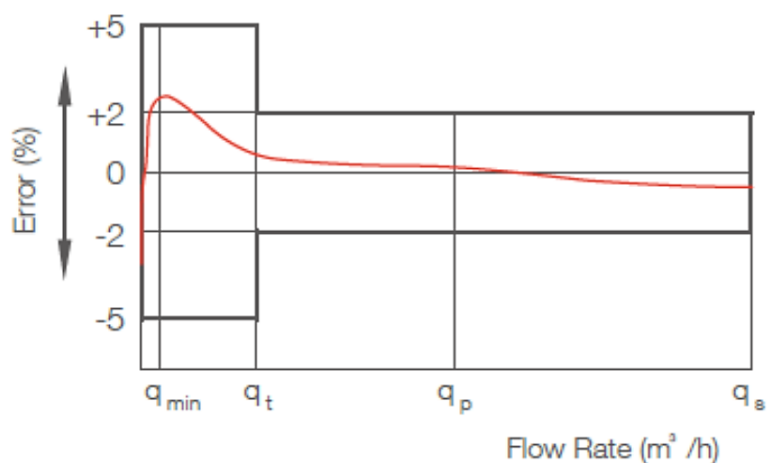
LXF 50/15mm – 200/50mm

HEAD LOSS DATA



HEAD LOSS DATA

Flow Error Curve



TYPICAL SPECIFICATION

Combination meter consisting of Class B main meter and class D accuracy in the lower flow range suitable for measuring extremely wide flow ranges. Dry dial with direct reading register hermetically sealed. Flange drilled to BS 4504 PN16.

WARRANTY

The company shall at its discretion repair or replace any METRON LXF meter which proves to be faulty due to poor workmanship or defective materials within a period of 2 years from date of manufacture. This warranty does not include consequential damages, or wear and tear considered normal at the place of installation.