

LMD 211 series

Maximum pressure up to 60 bar - Flow rate up to 330 l/min



LMD211 GENERAL INFORMATION

Technical data

Low & Medium Pressure filters Maximum pressure up to 60 bar - Flow rate up to 330 l/min

Filter housing materials

- Head: Aluminium
- Bowl: Cathaphoretic Painted Steel
- Bypass valve: AISI 304 - Nylon

Seals

- Standard NBR series A
- Optional FPM series V

Pressure

- Working pressure: 6 MPa (60 bar)
- Test pressure: 9 MPa (90 bar)
- Burst pressure: 21 MPa (210 bar)
- Pulse pressure fatigue test: 1 000 000 cycles with pressure from 0 to 6 MPa (60 bar)

Temperature

From -25° C to +110° C

Connections

Inlet/Outlet In-Line

Bypass valve

- Opening pressure 3.5 bar \pm 10%
- Other opening pressures on request.

Note

LMD 210 - 211 filters are provided for vertical mounting

Δp element type

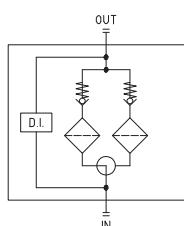
- Microfibre filter elements - series N: 20 bar
- Fluid flow through the filter element from OUT to IN.

Weights [kg] and volumes [dm³]

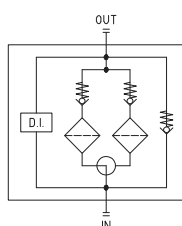
	Weights [kg]			Volumes [dm ³]				
	Length	1	2	3	Length	1	2	3
LMD 211		9.5	11.2	12.8		4.1	4.6	5.3

Hydraulic symbols

Style S



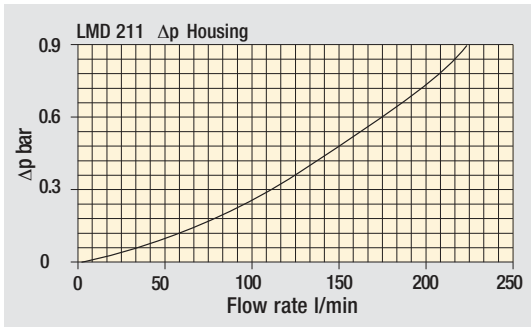
Style B



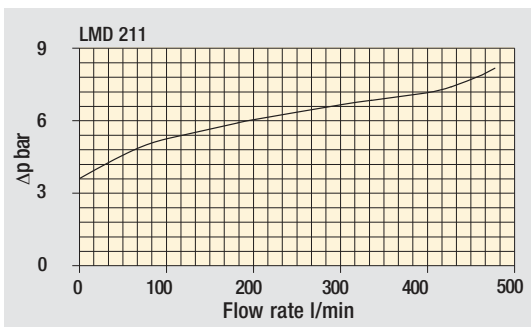
GENERAL INFORMATION LMD211

The curves are plotted using mineral oil with density of 0.86 kg/dm³ in compliance with ISO 3968.
 Δp varies proportionally with density.

Pressure drop



Filter housings Δp pressure drop



Bypass valve pressure drop

LMD211

Designation & Ordering code

COMPLETE FILTER

Series ad size LMD211	Configuration example: LMD211 3 B A D 6 A10 N P01									
Filter length 1 2 3										
Bypass valve S Without bypass B 3.5 bar										
Seals and treatments	Filtration rating									
A NBR	Axx	Mxx	Pxx							
V FPM	•	•	•							
W NBR compatible with fluids HFA-HFB-HFC	•	•								
Connections										
C G1 1/2"										
F 1 1/2" NPT										
I SAE 24 - 1 7/8" - 12 UN										
L 1 1/2" SAE 3000 psi/M + G1 1/4"										
M 1 1/2" SAE 3000 psi/UNC + 1 1/4" NPT										
N 1 1/2" SAE 3000 psi/UNC + SAE 20 - 1 5/8" UN										
Connection for differential indicator 6 With plugged connection										
Filtration rating (filter media)										
A03 Inorganic microfiber 3 µm										
A06 Inorganic microfiber 6 µm										
A10 Inorganic microfiber 10 µm										
A16 Inorganic microfiber 16 µm										
A25 Inorganic microfiber 25 µm										
M25 Wire mesh 25 µm										
M60 Wire mesh 60 µm										
M90 Wire mesh 90 µm										
P10 Resin impregnated paper 10 µm										
P25 Resin impregnated paper 25 µm										
	Filter element Δp			Execution						
	N 20 bar			P01 MP Filtri standard						
				Pxx Customized						

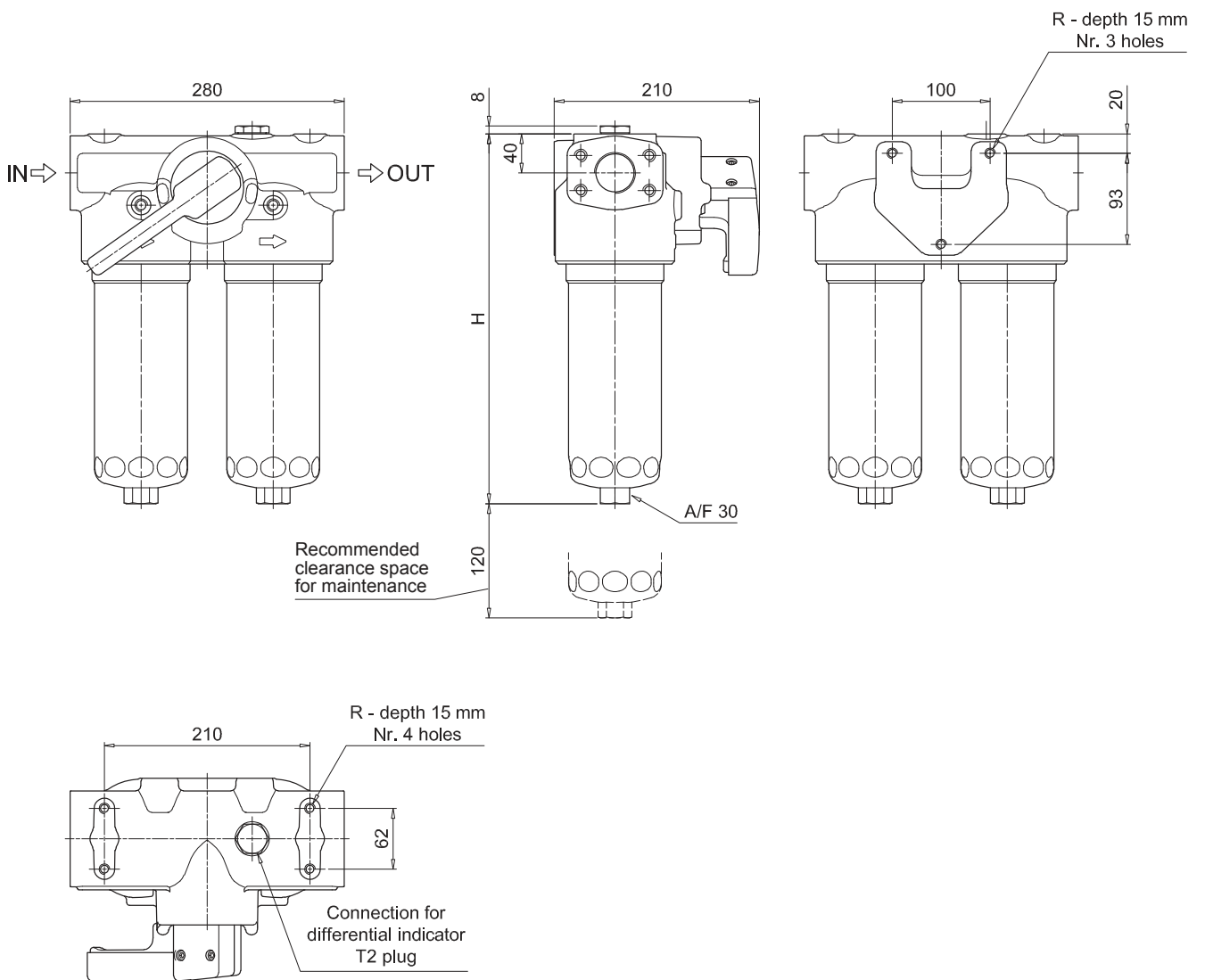
FILTER ELEMENT

Filter element series ad size CU210	Configuration example: CU210 3 A10 A N P01						
Filter element length 1 2 3							
Filtration rating (filter media)							
A03 Inorganic microfiber 3 µm							
A06 Inorganic microfiber 6 µm							
A10 Inorganic microfiber 10 µm							
A16 Inorganic microfiber 16 µm							
A25 Inorganic microfiber 25 µm							
M25 Wire mesh 25 µm							
M60 Wire mesh 60 µm							
M90 Wire mesh 90 µm							
P10 Resin impregnated paper 10 µm							
P25 Resin impregnated paper 25 µm							
Seals	Filtration rating						
A NBR	Axx	Mxx	Pxx				
V FPM	•	•	•				
W NBR compatible with fluids HFA-HFB-HFC	•	•					
	Filter element Δp			Execution			
	N 20 bar			P01 MP Filtri standard			
				Pxx Customized			

ACCESSORIES

Differential indicators	page		page
DEA Electrical differential indicator	417	DTA Electronic differential indicator	420
DEM Electrical differential indicator	417-418	DVA Visual differential indicator	420
DLA Electrical / visual differential indicator	418-419	DVM Visual differential indicator	420
DLE Electrical / visual differential indicator	419		
Additional features	page		
T2 Plug	421		

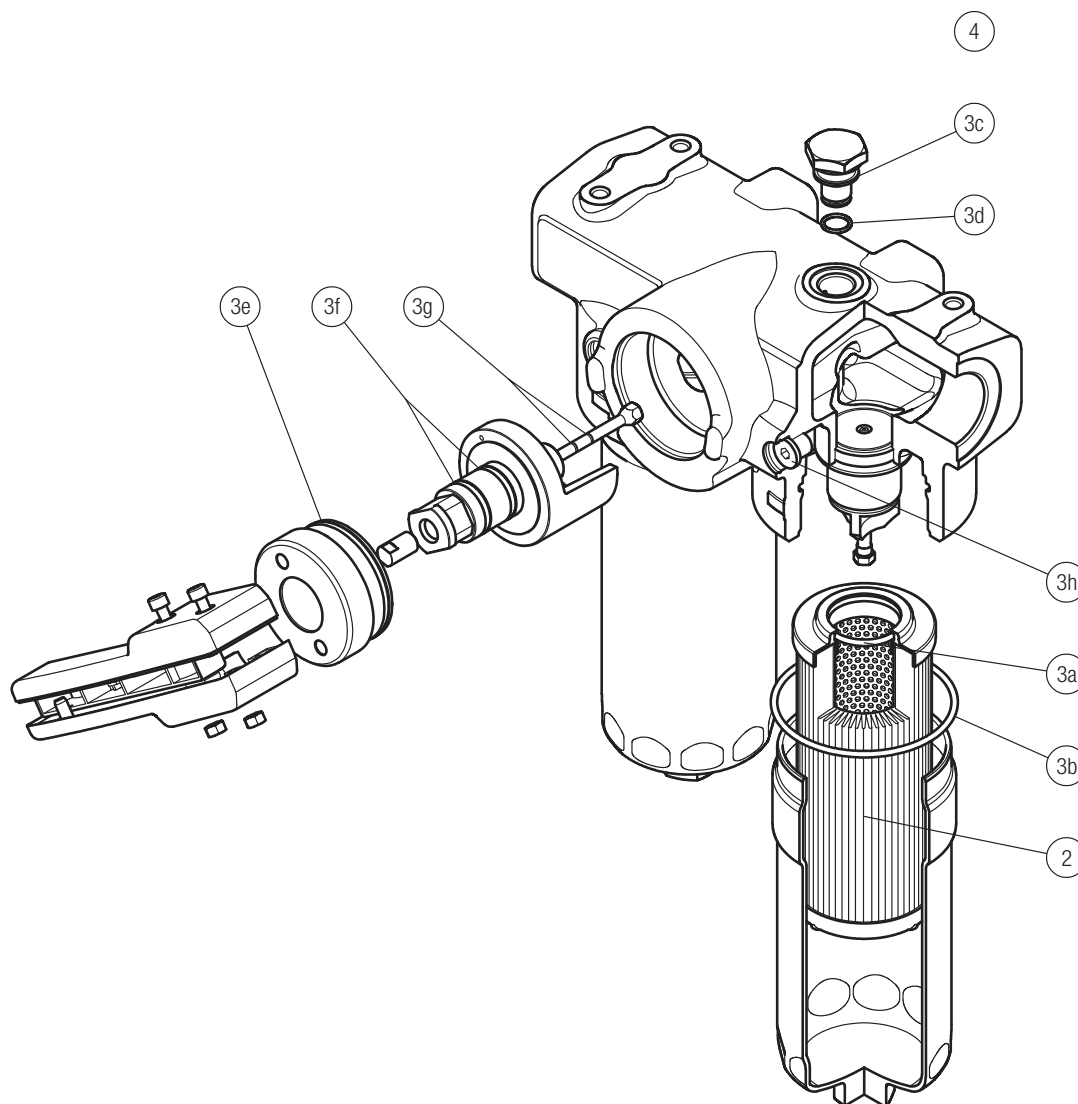
LMD211	
Filter length	H [mm]
1	380
2	510
3	648
Connections	R
C	M10
F - I	3/8" UNC
L	M10
M - N	3/8" UNC



LMD211 SPARE PARTS

Order number for spare parts

LMD 211



Item:	Q.ty: 1 pc.	Q.ty: 1 pc.		Q.ty: 2 pcs.	
Filter series	Filter element	Seal Kit code number		Indicator connection plug	
LDD	See order table	NBR	FPM	NBR	FPM
	2	3 (3a ÷ 3h)		4	
		02050671	02050672	T2H	T2V