Filter Sizing

25/10/2017

Description	**Machine**
Author	**Project**

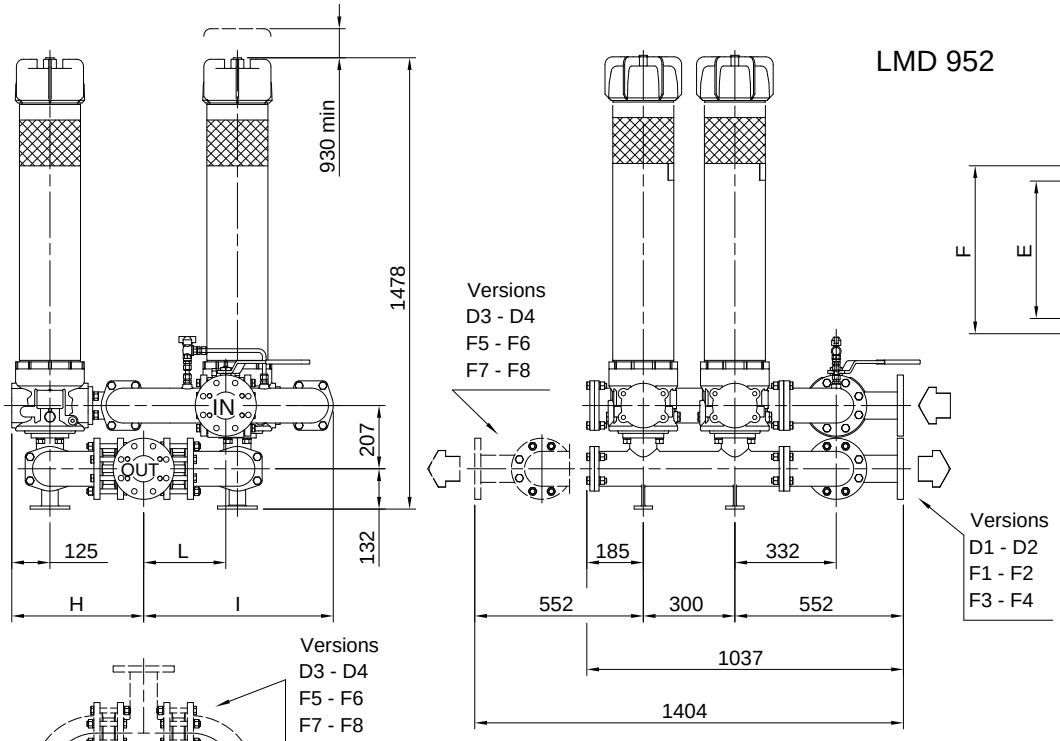
Pressure	**6**	**bar**	**Fluid**	**HLP**	
Flow rate	**290**	**l/min**	**Fluid type**	**ISO VG 150**	**(SUS 703)**
D P max	**0,6**	**bar**	**Viscosity**	**501**	**cst**
Temperature	**20**	**°C**			
Filtration	**A25 25 µm absolute inorga**		**Max operating pressure**	**16 bar - 232 psi**	

IN-LINE FILTER

Filter type	Size	Length	Bypass	Seals	Connection	Filtration	Element
LMD	**952**	**3**	**B**	**A**	**F5**	**A25**	**N**

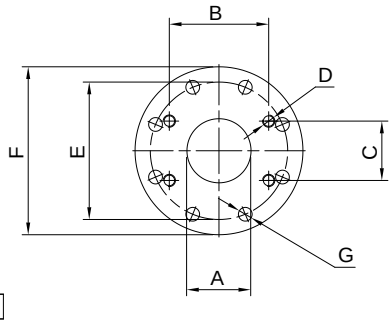
Indicator
DEA20HA50P

DP Housing	**0.08**	**bar**	**Element type**	**8CU9503A25ANP01**
DP Element	**0.37**	**bar**	**Connections**	**3" SAE 3000 PSI/M**
DP complete filter	**0.45**	**bar**	**No.Elem. in the housing**	**4**

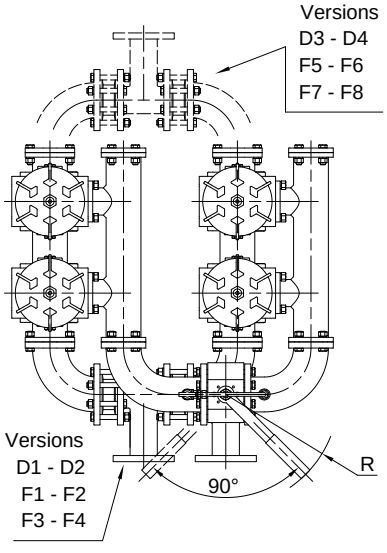


LMD 952

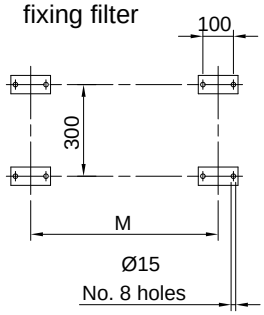
Flange IN-OUT dimensions



Dimensions		
Type	3" SAE DN 80	4" SAE DN 100
H	432	456
I	621	647
L	269	278
M	614	662
R	370	650



Holes of fixing filter



Type	Flange DIN connection	A	E	F	G	
D1	DIN-PN16 - DN80		73	160	200	18
D2	DIN-PN16 - DN100		99	180	220	18
D3	= D1 in-line connection		73	160	200	18
D4	= D2 in-line connection		99	180	220	18

Type	Flange SAE connection	A	B	C	D	
F1	3" SAE - 3000 PSI/M		73	106.38	61.93	M16
F2	3" SAE - 3000 PSI/UNC					5/8"UNC
F3	4" SAE - 3000 PSI/M		99	130.18	77.77	M16
F4	4" SAE - 3000 PSI/UNC					5/8"UNC
F5	= F1 in-line connection		73	106.38	61.93	M16
F6	= F2 in-line connection					5/8"UNC
F7	= F3 in-line connection		99	130.18	77.77	M16
F8	= F4 in-line connection					5/8"UNC

IN-LINE FILTER
LMD 952 3 B A F5 A25 N

25/10/2017

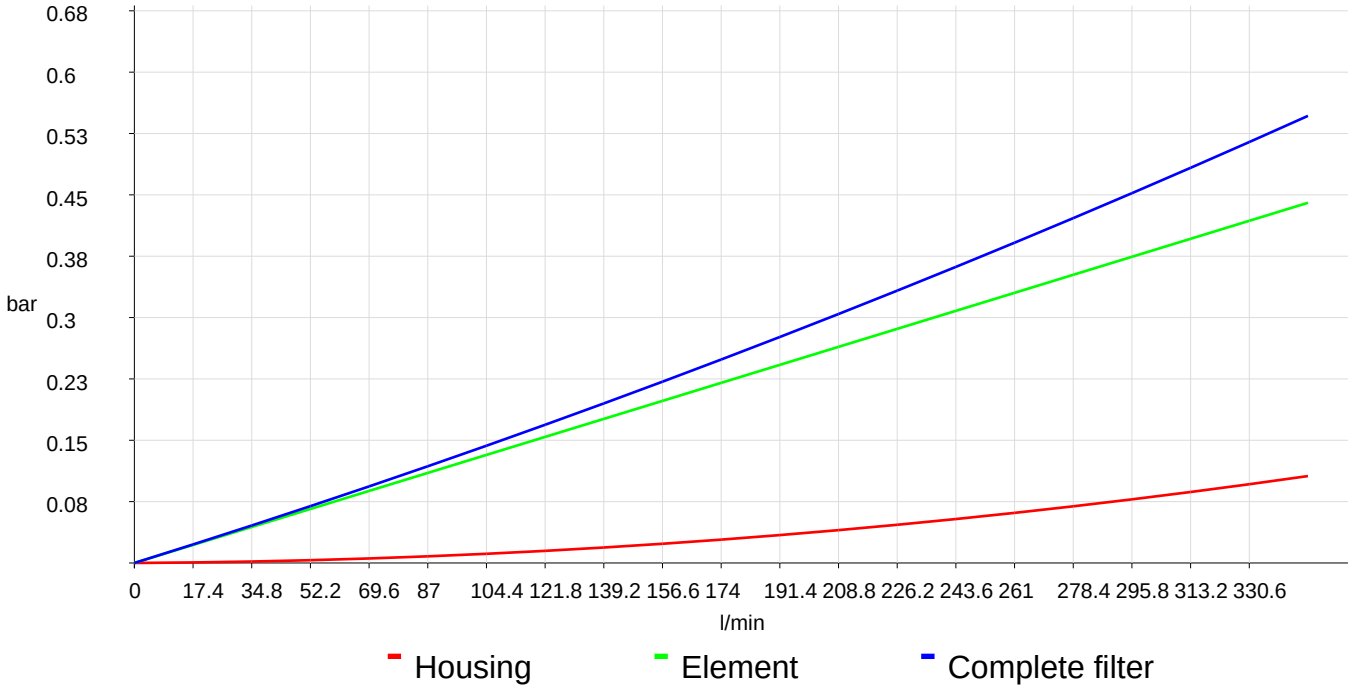
Description

Author

Machine

Project

Delta P/Q (Viscosity: 501 cst)



Delta P/T (Flow rate: 290 l/min)

