

## DOX SERIES

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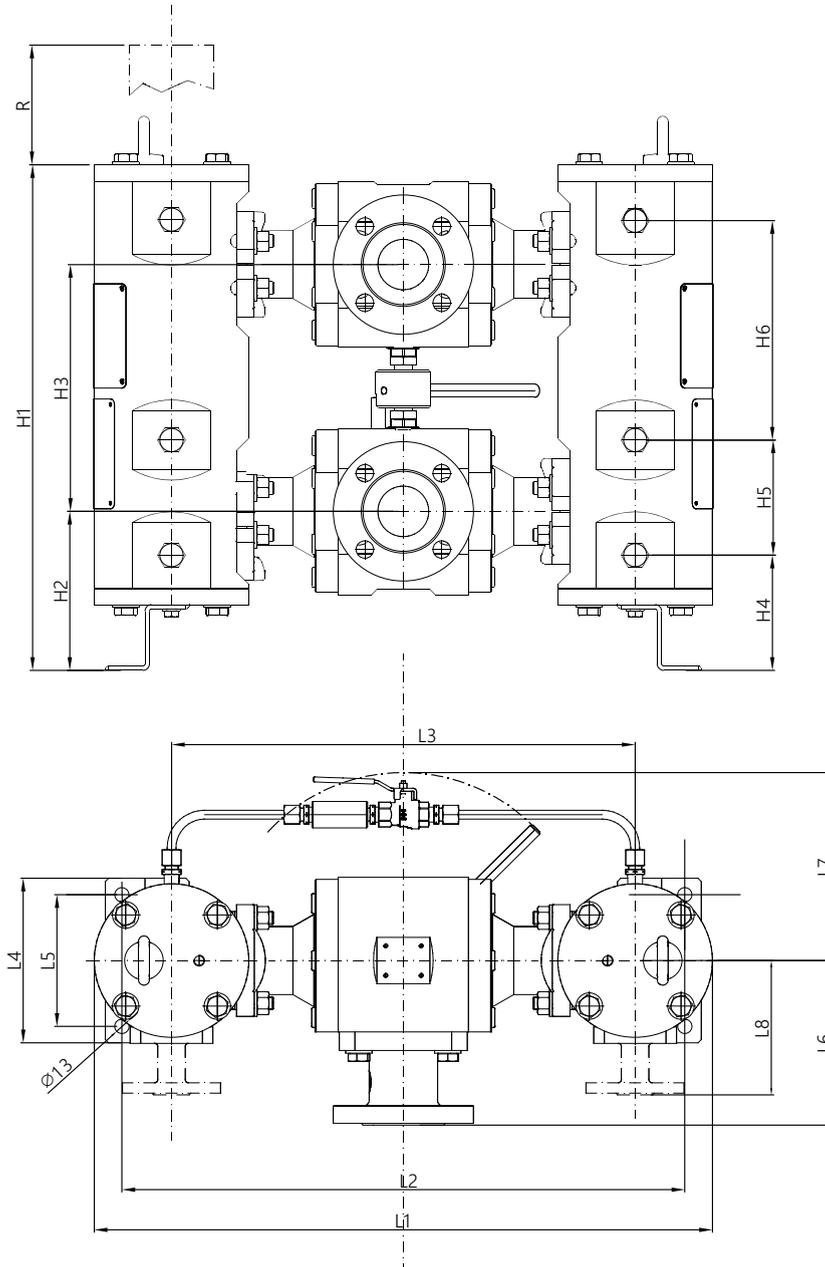
Duplex filter assemblies for lube oil, fuel and water filtration.



The duplex configuration of DOX series allows continuous operation, avoiding the need of shut off the system for filter element replacement or filter servicing.

When element replacement or service is required, the flow can be easily diverted from one side of the housing to the other by means of the changeover valve.

A pressure equalization system provides consistent pressure during the transfer fluid operation.

**DOX series**


MODEL	L1	L2	L3	L4	L5	L6	L7	L8*	H1	H2	H3	H4	H5	H6	R
DOX1010	400	370	280			110		110	470	160	160	110	100	215	230
DOX2010	560	510	420	150	120	150	170	125	460	145	225	105	105	200	
DOX2020									590					330	350

\*Only for 7. CONFIGURATIONS B&C

## ORDERING INFORMATION

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.
<b>DOX</b>	<b>S</b>	<b>N</b>	<b>2010</b>	<b>P</b>	<b>040</b>	<b>A</b>	<b>A</b>	<b>0</b>	<b>AJM</b>	<b>000.</b>	<b>0000</b>

1. FILTER SERIES	DOX	duplex filter	
2. MATERIAL	S	stainless steel	
	C	carbon steel	
3. SEALS	N	NBR	
	F	FKM	
4. HOUSING SIZE	1010	port size 020 or 025	
	2010	port size 040 or 050	
	2020		
5. PORT TYPE	A	ANSI 150 flange	
	P	PN 16 flange	
6. PORT SIZE	020	3/4" DN20	size 1010
	025	1" DN25	
	040	1 1/2" DN40	size 2010 and size 2020
	050	2" DN50	
7. CONFIGURATIONS	A	vent, drain clean & dirty NPT-F	
	B	vent, drain clean & dirty fl. 1/2" Ansi 150RF	
	C	vent, drain clean & dirty fl. DN15 PN16	
8. SPECIFICATIONS	A	ASME VIII div.1 design, NOT U-STAMP	
	B	ASME VIII div.1 design, U-STAMP	
	C	ASME VIII div.1 design, U-STAMP, NBR (National Board Registration)	
	D	PED 2014/68/EU, ASME VIII div.1 design. Equipment exempted from CE marking (acc. to PED Dir. - Art.4 Par.3)	
	E	TR CU EAC 010/2011, technical passport, ASME VIII div.1 design. Equipment exempted from TR CU032/2013	
9. AREA CLASSIFICATIONS	0	Safe area	
	1	ATEX	
	2	TR CU EAC 012/2011	
10. MEDIA	FLF	Fiberglass 10 $\mu\text{m}$ $\beta \geq 200$	
	AJM	API 10 fiberglass 15 $\mu\text{m}$ $\beta \geq 200$	
	ASM	API 25 fiberglass 25 $\mu\text{m}$ $\beta \geq 200$	
	TBB	wire mesh stainless steel 25 $\mu\text{m}$	
	TCB	wire mesh stainless steel 40 $\mu\text{m}$	
11. & 12. VERSION	/000.	identification numbers assigned by FILTREC after order	
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## MAIN FEATURES

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Stainless steel weld-free construction, according to API614 latest edition  
Painted carbon steel on request  
Simplex configuration available on request  
Design pressure 12 bar  
Design temperature range -10°C to + 100°C  
Transfer valves: zero leak double 3 ways ball valves, full bore, with anti-static device  
Filter element made with anti-static technology, to prevent electrostatic discharge  
Beta rated elements according to ISO 16889 multipass test  
Certification of materials EN10204 type 3.1

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## ATEX CERTIFICATION NOTE

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The filter is suitable for IIB gas group when:

- has no coating
- the thickness of the coating is < 2 mm

The filter is suitable for IIC gas group when:

- has no coating
- the thickness of the coating is < 0,2 mm

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## TYPICAL APPLICATION FIELDS

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Gearboxes  
Steam turbines  
Gas turbines  
Compressors (centrifugal and others)  
Generators  
Driven machinery  
Other rotating equipment

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