



 **FLUIDOTEHNIC**

DEVICES AND SYSTEMS FOR CENTRAL LUBRICATION

CATALOG OF DEVICES

 www.fluidotehnic.com



LUBRICATION TECHNIQUE

CATALOG OF DEVICES

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- FLUIDOTEHNIC's production program is based on its own development. Thanks to that, all the products are the result of the engineering staff work, as well as the quality and skilled workers in manufacturing and installation. Each serial product during the conquest passes through the phase of prototype development, functional tests and check in real operating conditions. Following step is removal of all possible defects and then, based on that, test series is produced. This is how we achieve high quality of manufactured devices. In case of the individual production, after the functional testing, we deliver the product to the customer.
- Since its foundation FLUIDOTEHNIC Ltd. has been continuously investing both in the expansion of commercial building and the purchase of modern equipment for the production, control and techno-economic support. It is located in the industrial zone of Vrnjacka Banja, on a lot size ~ 2ha. It consists several buildings, connected into a functional whole area of 4000 m². The whole complex is adjusted to the environment- we are taking good care of health, work safety and environmental protection.





- Market research, device development, technical assistance and personnel training free of charge for all our customers is the main task of this service. Many years of experience in the development tasks of hydraulics, pneumatics and lubrication techniques, as well as the latest computer technology guarantee that our customers will get the optimum technical solution. During the development, every device passes precisely defined procedure, starting from making the design concept, followed by manufacturing and testing prototypes and going into production.
- It consists of several facilities and departments: foundry of non-ferrous metals, mechanical drive, locksmith department, installation and technical control. All operations from the casting to the final machining are performed with the universal and software machines. Control and assembly is 100%. When the assembly is finished, each device is being tested on the test stand and on the basis of the results it gets the appropriate certificates and guarantees. On each call of the user, service teams come in as soon as possible, with spare parts and the necessary tools, regardless of whether the equipment is in warranty or out of warranty period.



FILTERS (FOR OIL LUBRICATION)

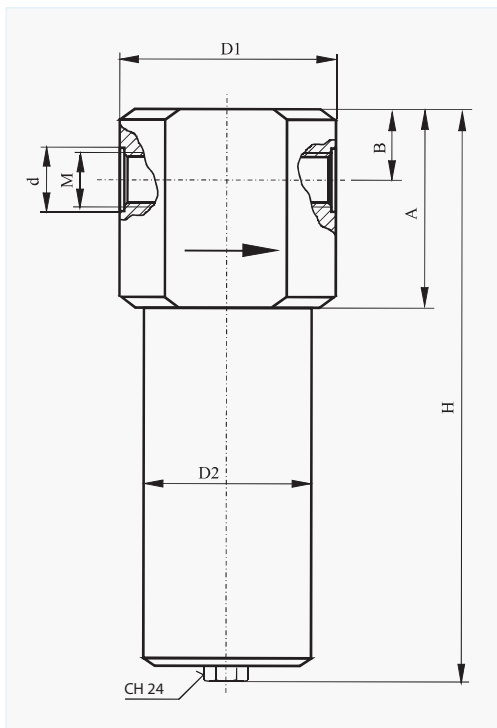
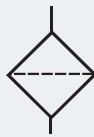


Pressure line filter is applied for oil circulating lubrication systems for middle and high power gearboxes. It is capable for operation in very hard conditions. The filter can be assembled in pressure line in any position. Flow direction is indicated by the arrow on the filter body. The filter cartridge is made of high strength wire cloth. Periodically it is necessary to clean the filter cartridge. To disassembling unscrew the filter cup (CH 24). The cleaning period depends of the operating time and of the oil purity.

The filters are made with cartridge's fineness of filtration: 40, 60, 100, 150, 200, 300 μm . In order code should be added required fineness.

EXAMPLE: Filter 10-0270/60

SYMBOL



Ordering code		10 - 0265	10 - 0270	10 - 0275	10 - 0280	10 - 0285
Fluid	Viscosity of oil	13 - 800 mm ² /s				
	Temperature	-30 ; +80 °C				
Working pressure		20 bar				
Filtration rating		40, 60, 100, 150, 200, 300 μm				
Flow rate (dm ³ /min)		180	100	40	25	10
Mass (kg)		7,3	4,2	2,1	2,1	1

Code	M	d	D1	D2	H	A	B
10 - 0265	M42 x 2	50	120	105	390	95	25
10 - 0270	M33 x 2	40	110	90	280	80	25
10 - 0275	M27 x 2	34	100	76	205	58	18
10 - 0280	M22 x 1,5	28		50	169	50	13
10 - 0285	M16 x 1,5	22	65	50	169	50	13

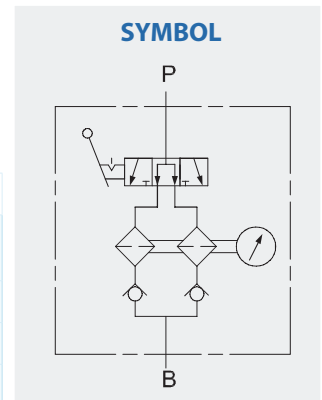
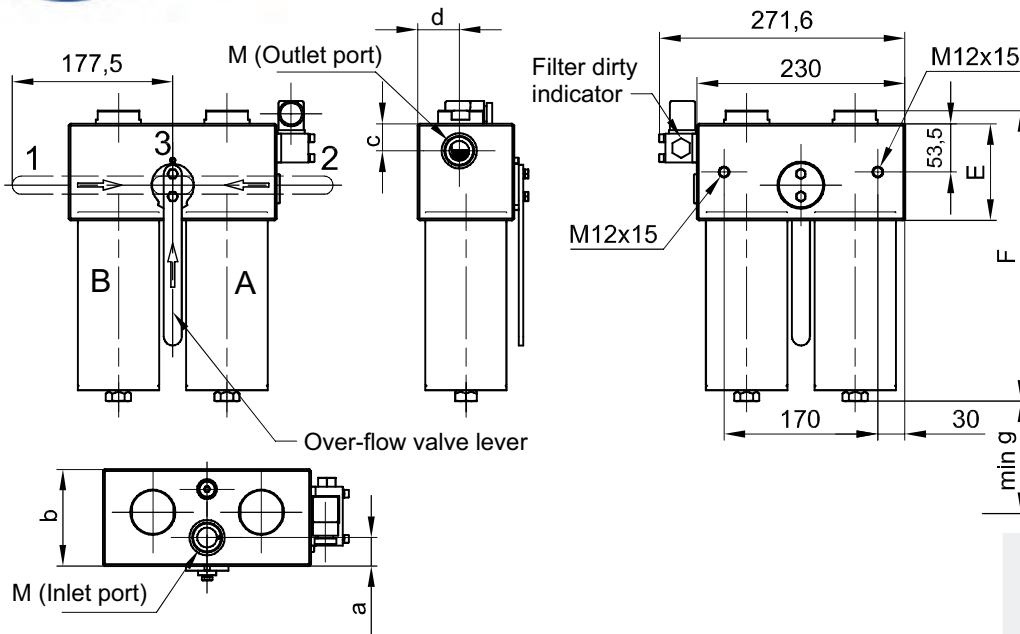
DOUBLE FILTER



Duble pressure line filter is applied for oil circulating lubrication systems for middle and high power gearboxes. It is capable for operation in very hard conditions. The filter can be assembled in pressure line in any position. Flow direction is indicated by the arrow on the filter body. The filter cartridge is made of high strength wire cloth. Periodically it is necessary to wash the filter cartridge in the gasolene. To disassembling unscrew the filter cup . The cleaning period depends of the operating time and of the grease purity.

Filter has three operation modes so that the filter cartridge can be changed without stopping the flow, i.e. diversion of flow can be rerout to the other filter element.

Filthiness filter can be determined visually and by electro indicator.



Ordering code	10-0295	10-0295/1	10-0295/2	10-0295/3
Fluid	Viscosity of oil	13 - 800 mm ² /s		
	Temperature	-30 to +80 °C		
Working pressure	20 bar			
Filtration rate	40, 60, 100, 150, 200, 300 μm			
Flow rate	100 dm ³ /min	40 dm ³ /min	25 dm ³ /min	180 dm ³ /min
Contamination indicator	Switch type	Magnetic		
	Voltage	max 250V AC/DC		
	Working load	1,2W		
	Diff. activated pressure	Δp=2 bar		
Mass	22 kg	20 kg	20 kg	36 kg

Flow of oil	
Handle position	Filter cartridge no.
1	A
2	B
3	A and B

Code	a	b	c	d	e	f	g	M
10-0295						321		
10-0295/1	31,5	107	30	46	107	268	200	M33x2
10-0295/2								
10-0295/3	38	125	35	49	140	466	320	M42x2



SERBIA
36210 VRNJACKA BANJA
Rudjinci 175/A
tel/fax: +381-36-631-710
E-mail: office@fluidotehnic.com
Web: www.fluidotehnic.com

Matični broj: 06568939
Šifra delatnosti: 2822
PIB: 100918689
Reg. broj: 11506568939
Br. Reg. Upisa: 1-14429-00



EC DECLARATION OF CONFORMITY / DECLARATION ON INSTALLATION

DEKLARACIJA O USAGLAŠENOSTI / DEKLARACIJA O UGRADNJI

We hereby declare that the following products

Izjavljujemo da su sledeći uređaji

Electric driven pumps for grase lubrication (Elektromotorne pumpe za podmazivanje mastima)
Power unit for oil lubrication (Elektromotorni uređaj za podmazivanje uljima)
Pneumatic pumps for lubrication (Pneumatske pumpe za podmazivanje mastima)
Two line dosing distributors (Dvolinijski dozatori)
Progressive doser distributors (Progresivni dozatori)
Change-over valves (Hidraulički razvodnici)
Electric driven change-over valves (Elektromotorni razvodnici)
Pressure and flow valves (Ventili pritiska i protoka)

Are designed and produced in accordance with the safety requirements according to the following regulations:

Projektovani i proizvedeni u skladu sa bezbednosnim zahtevima prema sledećim propisima:

Machinery Directive EC/2006/42
(Mašinska direktiva EC/2006/42)

Low voltage directive EC/2014/35
(Niskonaponska direktiva EC/2014/35)

in accordance with the following standards:

i u skladu sa sledećim standardima:

Safety of machinery - General principles for design

- **Risk assessment and risk reduction EN ISO 12100:2010**

Bezbednost mašina - Opšti principi za projektovanje

- Ocena rizika i smanjenje rizika SRPS ISO 12100:2014

Safety of machinery - Electrical equipment of machines - Part 1: EN 60204-1:2016

Bezbednost mašina - Električna oprema mašina - Deo 1: EN 60204-1:2016

Declaration on installation in the sense of EC Machinery Directive (2006/42/EC) Annex II B

Izjava o ugradnji u skladu sa EC Mašinskom direktivom (2006/42/EC) Anex II B

Product of "FLUIDOTEHNIC" assemble into mechanical devices and equipment. Start-up is not admissible unless it has been verified that the whole equipment, meets the requirements defined in the EC machinery Directive (2006/42/EC)

Proizvod "FLUIDOTEHNIC"-a se ugrađuje u drugu opremu i dodatne uređaje. Pokretanje nije dozvoljeno sve dok i relevantna oprema u koju se ugrađuju ne bude u skladu sa Mašinskom direktivom (2006/42/EC)

The manufacturer undertakes to supply the relevant information of incomplete machine on request to responsible inspector by electronic way. Technical documents of the machine is prepared in accordance with Annex VII, part B Machinery Directive (2006/42/EC)

Proizvođač se obavezuje da će elektronskim putem dostaviti odgovarajuće podatke o delimično završenoj mašini nadležnom inspektor u njegov zahtev. Tehnička dokumentacija je izrađena u skladu sa Anexom 7, deo B Mašinske direktive.

Vrnjačka Banja, 01/02/2017 godine



Šljivić Miroslav, General Manager

The EC Declaration of Conformity is only valid in conjunction with confirmation that the device has been correctly applied, installed, inspected and maintained according to the operating instructions provided. The validity of the declaration will cease in case of any modification and/or supplement not previously approved by "FLUIDOTEHNIC".

Ova deklaracija o usaglašenosti važi samo u slučaju da je uređaj pravilno ugrađen, iskontrolisan i da se koristi i održava u skladu sa uputstvom za rukovanje i održavanje. Važenje izjave prestaje u slučaju bilo kakve modifikacije ili dodatka koji nisu prethodno odobreni od "FLUIDOTEHNIC"-a.



Fluidotehnic d.o.o.

Serbia

36210 Vrnjacka Banja

Rudjinci 175/A

Tel: +381-(0)36-631-710

+381-(0)36-631-711

Fax: +381-(0)36-631-712

www.fluidotehnic.com

office@fluidotehnic.com

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