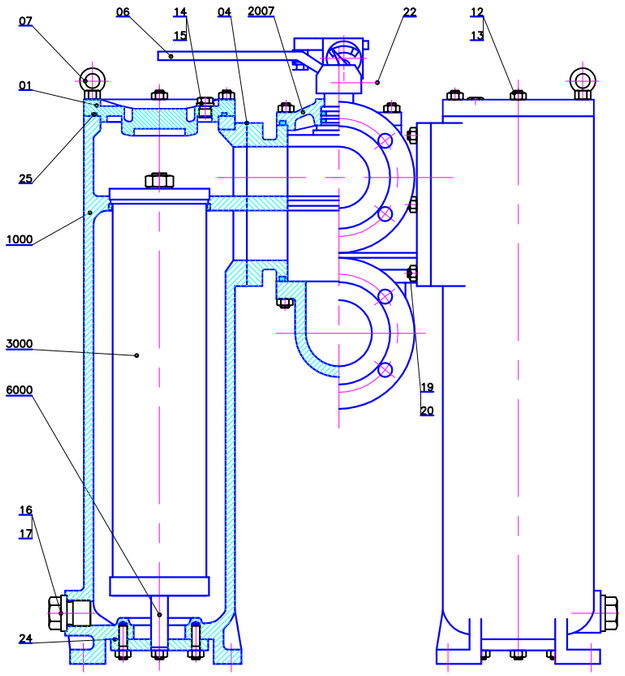
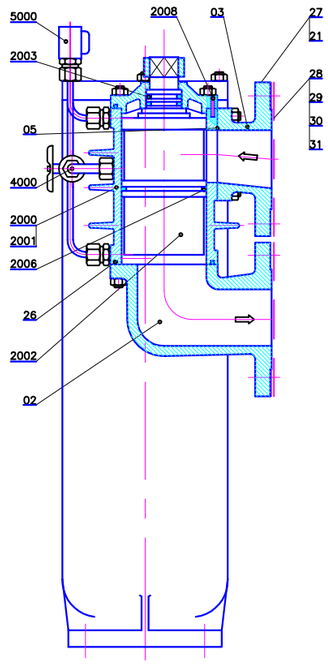
PRESJEK SA POPISOM POZICIJA

Cross section with item list





Poz. / Pos.	Naziv / Name
1000	Kućište / Casing
2000	Razvodnik / Distributor
2001	Kućište razvodnika / Distributor's casing
2002	Klip razvodnika / Distributor's piston
2003	O - prsten / O - ring
2006	O - prsten / O - ring
2007	Poklopac razvodnika / Distributor's cover
2008	Zatik / Pin
3000	Filterski elemenat / Filter element
4000	Prespojna armatura / Pressure indicator
5000	Diferencijalni indikator / Dif. pressure ind.
6000	Stezač / Brace
01	Poklopac / Cover
02	Koljenasti priključak / Knee - connection
03	Priključak / Connection
04	Brtva / Gasket
05	Brtva / Gasket
06	Ručica / Handle
07	Matica / Nut
12	Matica / Nut
13	Podložna pločica / Backing ring
14	Plug / Čep
15	Brtva / Gasket
16	Plug / Čep
17	Brtva / Gasket
19	Matica / Nut
20	Podložna pločica / Backing ring
21	Zakovica / Rivet
22	Vijak / Screw
24	Brtva / Gasket

Poz. / Pos.	Naziv / Name
25	O - prsten / O - ring
26	O - prsten / O - ring
27	Tablica ulaz - izlaz / Out - in plate
28	Poklopac / Cover (za zaštitu / for protection)
29	Vijak / Screw (za zaštitu / for protection)
30	Matica / Nut (za zaštitu / for protection)
31	Podložna pločica / Backing ring (za zaštitu / for protect.)

mpd Tvornica pumpi d.d.

DVOSTRUKI FILTERI TIPA PDL
Double filters type PDL

Opis i primjena

Filteri služe za izdvajanje mehaničkih primjesa iz tekućina, koje se pojavljuju zbog oksidacije tekućine, habanja dijelova i čestica koje ulaze izvana prilikom proizvodnje, transporta i skladištenja.
Kod dvostrukog filtera, filterske komore su međusobno povezane razvodnim ventilom u dva nivoa, tako da svaka komora može biti zasebno u pogonu. U filtersku komoru je ugrađen filterski elemenat (višekomorni, košarasti i sl.), koji se sastoji od noseće strukture i nerđajuće metalne tkanine ili filterskog papira, koji zadržavaju čestice veće od nazivne finoće filtracije.
Prilikom upotrebe za viskozne tekućine u filter se ugrađuje parno ili električno grijanje, čiji je zadatak da progrije filtrersku komoru prije početka rada.
Na zahtjev, u filter se ugrađuje magnetni hvatač čestica i diferencijalni indikator tlaka, koji signalizira začepljenost filtera.

Radne karakteristike

- protok.....do 200 m3/h ;
- radni tlak.....- 1 do 16 bar ;
- finoća filtracije.....prema zahtjevu ;
- radna temp. .....do 160 °C.

Podaci za upit

Potrebno je definirati slijedeće :

- radni tlak ;
- maksim. protok ;
- finoću filtracije ;
- vrstu radne tekućine i viskozitet ;
- radnu temperaturu ;
- potrebu ugradnje dif. ind. tlaka, magnetnog hvatača ;
- vrstu grijanja ukoliko je potrebno ;
- ostale posebne zahtjeve.

Description and application

A filter is device designed for cleaning of the working medium and removal of the mechanical impurities which in most cases are consisted of particles made as an aftermath of medium oxidation, working element wearing and manipulation during manufacturing, transport and storage.
The double filter consists of two chambers connected with distributor in two levels, wich enables working medium flow through any chamber. In the chambers is filter element wich can be multichamber type, basket type or similar, made of corrosion - resistant filtering textile wich prevents passage of impurities larger than nominal filtration fineness. If very viscous media will be used electric or steam heaters can be built - in on the purchaser's demand to preheat the filtering chamber before actuation. If electric heater is used, the thermostat will be obligatory appended to it.
When purchaser demand, the strainers can be provided with magnetic separator of the particles and differential pressure indicator.

Working characteristics

- Capacity.....up to 200 m3/h ;
- pressure..... -1 to 16 bar ;
- filtration fineness ..... on request;
- working temperature.....up to 160°C.

Ordering data

- working pressure,
- maximum flow,
- filtration fineness,
- kind and viscosity of medium,
- working temperature,
- necessity for magnetic separator and diff. pressure indicator,
- necessity for heaters and source of heating,
- other special request.

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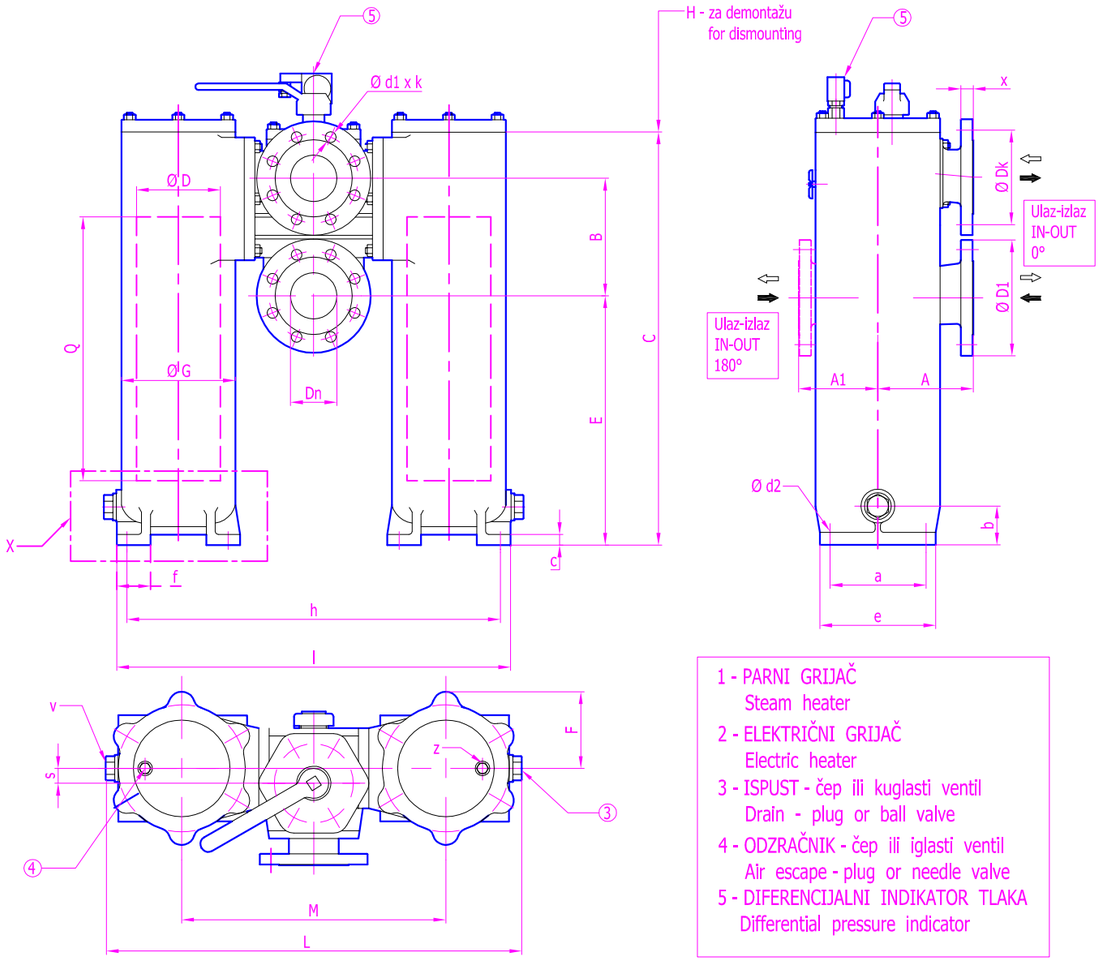
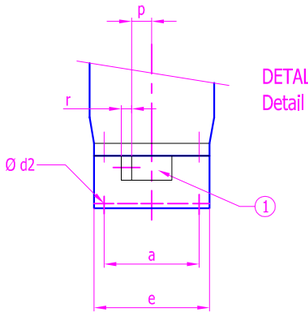
MJERNA SKICA FILTERA

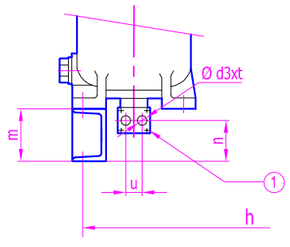
Dimension scheme for filters



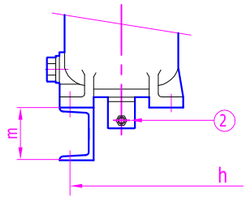
1 - PARNI GRIJAČ
Steam heater
2 - ELEKTRIČNI GRIJAČ
Electric heater
3 - ISPUST - čep ili kuglasti ventil
Drain - plug or ball valve
4 - ODZRAČNIK - čep ili iglasti ventil
Air escape - plug or needle valve
5 - DIFERENCIJALNI INDIKATOR TLAKA
Differential pressure indicator



DETALJ X
Detail X



DETALJ X
Detail X



Mjere u mm

Dimensions in mm

TIP FILTERA Filter type	A	A1	B	C	D	Dn	Dk	D1	E	F	G	H	L	M	Q	a	b	c	d1xk
PDL - 25.01																			
PDL - 25.02P	80	80	120	385	76	25	100	□ 100	216	160	112	300	406	250	250	100	30	15	18x4
PDL - 25.03E																			
PDL - 32.01																			
PDL - 32.02P	80	80	120	385	76	32	100	□ 100	216	160	112	300	406	250	250	100	30	15	18x4
PDL - 32.03E																			
PDL - 40.01																			
PDL - 40.02P	110	110	170	405	123	40	110	150	180	180	160	300	537	350	250	135	30	15	18x4
PDL - 40.03E																			
PDL - 50.01																			
PDL - 50.02P	110	110	170	405	123	50	125	165	180	180	160	300	537	350	250	135	30	15	18x4
PDL - 50.03E																			
PDL - 65.01																			
PDL - 65.02P	165	115	205	720	160	65	145	185	430	160	220	610	750	480	500	160	70	20	18x4
PDL - 65.03E																			
PDL - 80.01																			
PDL - 80.02P	165	115	205	720	160	80	160	200	430	160	220	610	750	480	500	160	70	20	18x8
PDL - 80.03E																			
PDL - 100.01																			
PDL - 100.02P	210	150	240	750	210	100	180	220	400	175	270	610	880	570	500	220	70	20	18x8
PDL - 100.03E																			
PDL - 125.01																			
PDL - 125.02P	210	150	260	750	210	125	210	250	380	175	270	610	880	570	500	220	70	20	18x8
PDL - 125.03E																			
PDL - 200.01																			
PDL - 200.02P	280	160	430	890	280	200	295	340	285	210	420	610	1380	920	500	360	72	25	23x12
PDL - 200.03E																			

TIP FILTERA Filter type	d2	d3xt	e	f	h	l	m	n	p	r	s	x	u	v	z	El. grijač El. heater (W)	Masa Mass (kg)
PDL - 25.01		-					-	-	-	-						-	42
PDL - 25.02P	11	80	125	40	352	372	80	37	80	80	-	80	80	G 1/2	G 1/2	-	45
PDL - 25.03E		-					80	-	-	-						300	45
PDL - 32.01		-					-	-	-	-						-	42
PDL - 32.02P	11	80	125	40	352	372	80	37	80	80	-	80	80	G 1/2	G 1/2	-	45
PDL - 32.03E		-					80	-	-	-						300	45
PDL - 40.01		-					-	-	-	-						-	80
PDL - 40.02P	14	80	160	38	486	510	80	37	80	80	-	80	80	G 1/2	80	-	83
PDL - 40.03E		-					80	-	-	-						500	83
PDL - 50.01		-					-	-	-	-						-	82
PDL - 50.02P	14	80	160	38	486	510	80	37	80	80	-	80	80	G 1/2	80	-	85
PDL - 50.03E		-					80	-	-	-						500	85
PDL - 65.01		-					-	-	-	-						-	195
PDL - 65.02P	14	80	200	51	660	80	100	65	80	80	25	80	80	G 1	G 1/2	-	200
PDL - 65.03E		-					100	-	-	-						1500	200
PDL - 80.01		-					-	-	-	-						-	199
PDL - 80.02P	14	80	200	51	660	80	100	65	80	80	25	80	80	G 1	G 1/2	-	206
PDL - 80.03E		-					100	-	-	-						1500	206
PDL - 100.01		-					-	-	80	80						-	230
PDL - 100.02P	14	80	260	60	770	830	100	65	80	80	30	80	80	80	G 1/2	-	237
PDL - 100.03E		-					100	-	80	80						1500	235
PDL - 125.01		-					-	-	80	80						-	240
PDL - 125.02P	14	80	260	60	770	830	100	65	80	80	30	80	80	80	G 1/2	-	247
PDL - 125.03E		-					100	-	80	80						1500	245
PDL - 200.01		-					-	-	80	80						-	730
PDL - 200.02P	18	80	420	65	1290	1340	100	65	80	80	60	80	80	80	G 1/2	-	740
PDL - 200.03E		-					100	-	80	80						1500	738