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PXX-FI0A

Threaded Suction Strainers In Tank

Technical Data

- Operating temperature -20 +100°C.
- Compatibility with hydraulic fluids per ISO 2943.
- Flow rate and pressure drop per ISO 3968 with oil kinematic viscosity 30 cSt at 40°C and density 0,875 kg/dm^3.
- Ports threaded per ANSI ASME B1.20.1 and ISO 228/1.

Filter Elements

- Wire mesh 60-90 / 250 micron.
- Cellulose media 30 micron.
- Collapse resistance 500 kPa (5 bar) per ISO 2941.

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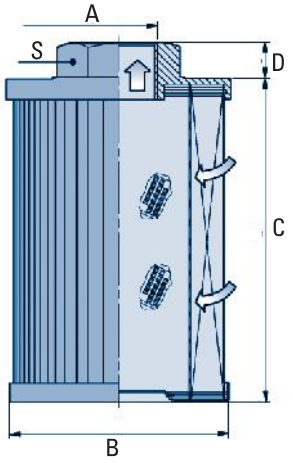
Specifications

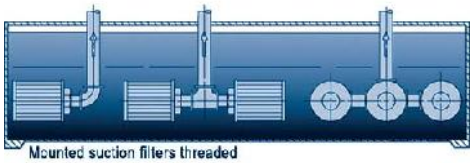
		/9	/6		/3
		WIRE MESH MEDIA			CELLULOSE MEDIA
					$ß_{36(c)}$=1000
SIZE	RMF*	ELEMENT	ELEMENT	RMF*	ELEMENT
20	10	P171861 FIOA 20	P171863 FIOA 20/6	5	P171862 FIOA 20/3
35	17	P171865 FIOA 35	P171867 FIOA 35/6	9	P171866 FIOA 35/3
50	25	P171869 FIOA 50	P171871 FIOA 50/6	13	P171870 FIOA 50/3
85	43	P171873 FIOA 85	P171875 FIOA 85/6	20	P171874 FIOA 85/3
90	45	P171877 FIOA 90	P171879 FIOA 90/6	25	P171878 FIOA 90/3
130	65	P171885 FIOA 130	P171887 FIOA 130/6	35	P171886 FIOA 130/3
160	80	P763478 FIOA 160	P764370 FIOA 160/6	40	P764371 FIOA 160/3
175	85	P171889 FIOA 175	P171891 FIOA 175/6	45	P171890 FIOA 175/3
180	90	P172452 FIOA 180	P172454 FIOA 180/6	50	P172453 FIOA 180/3
220	110	P760151 FIOA 220	P760173 FIOA 220/6	55	P760175 FIOA 220/3
230	116	P171893 FIOA 230	P171895 FIOA 230/6	60	P171894 FIOA 230/3
360	186	P171897 FIOA 360	P171899 FIOA 360/6	90	P171898 FIOA 360/3
500	250	P171901 FIOA 500	P171903 FIOA 500/6	120	P171902 FIOA 500/3
600	300	P171905 FIOA 600	P171907 FIOA 600/6	150	P171906 FIOA 600/3
800	400	P171909 FIOA 800	P171911 FIOA 800/6	200	P171910 FIOA 800/3

DIMENSIONS ELEMENT (mm) Thread per ISO 228/1					
A	B	C	D	S	Kg.
G 3/8	52	68	9	22	0,10
G 1/2	69	76	12	27	0,16
G 3/4	75	83	12	36	0,20
G 1	95	83	14	46	0,32
G 1	75	131	10	46	0,50
G 1 1/4	95	172	12	60	0,68
G 1 1/2	86	130	12	60	0,65
G 1 1/2	140	98	15	60	0,70
G 1 1/2	95	205	12	60	0,75
G 2	101	205	14	80	0,80
G 2	140	138	15	80	1,00
G 2	140	205	15	80	1,20
G 2	140	301	15	80	1,60
G 2 1/2	140	301	16	106	1,60
G 3	140	301	16	106	1,60

		/250
		WIRE MESH MEDIA
SIZE	RMF*	ELEMENT
20	10	
35	17	
50	25	P175334
85	43	P175335
90	45	P175336
130	65	P175337
175	85	P175340
180	90	P175338
220	110	
230	116	
360	186	
500	250	P175339
600	300	P175342
800	400	P175343

DIMENSIONS ELEMENT (mm) Thread per NPT					
A	B	C	D	S	Kg.
3/8	52	68	9	22	0,10
1/2	69	76	12	27	0,16
3/4 NPT	75	83	12	36	0,20
1 NPT	95	83	14	46	0,32
1 NPT	75	131	10	46	0,50
1 1/4 NPT	95	172	12	60	0,68
1 1/2 NPT	86	130	12	60	0,65
1 1/2 NPT	140	98	15	60	0,70
2	95	205	12	60	0,75
2	101	205	14	80	0,80
2	140	138	15	80	1,00
2 NPT	140	301	15	80	1,20
2 1/2 NPT	140	301	15	80	1,60
3 NPT	140	301	16	106	1,60




Mounted suction filters threaded

RMF* = Recommanded Maximum Flow in l/min.

Performance Curves