

TANK MOUNTED TYPE RETURN LINE FILTER

FIO SERIES

TECHNICAL DATA

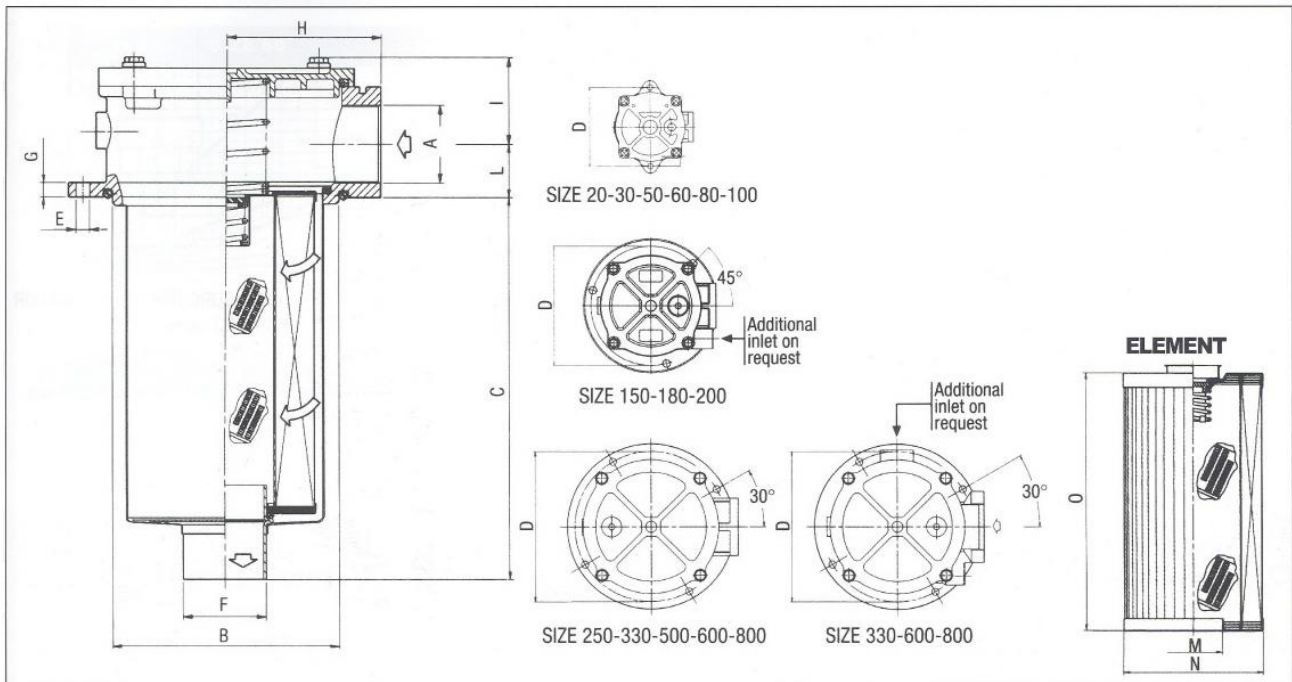
- 작동 압력 : 1000 kPa (10Kgf/cm²)
- 정압 테스트 : 1500 kPa (15Kgf/cm²)
- 바이패스 밸브 설정압 : 150 kPa(1.5Kgf/cm²) - ISO3968
- 사용온도 : -20℃ ~ +100℃
- ISO 2943에 의한 유체 적합성
- ISO 3968에 의한 유량 및 차압 테스트 40℃, 밀도 0.875 kg/dm³에서 오일 운동 점도 30 cSt
- ISO 228/1에 의한 THREADED PORTS 또는 SAE J518-3000 PSI에 의한 FLANGED PORTS

FILTER ELEMENT

- WIRE MESH 60~90μm ABSOLUTE
- 10-25μm ABSOLUTE, FILTRATION RATING β_x≥75 의 SYNTAQ®/SYNTHETIC MEDIA
- 일반적인 WIRE MESH 10-30μm 로 강화된 CELLULOSE MEDIA
- ISO 2941에 의한 파손 저항 : 1000kPa (10Kgf/cm²)
- ISO 3723에 의한 END LOAD RATING
- ISO 3724에 의한 유량 피로 특성
- ISO 2942에 의한 ELEMENT 보호
- ISO 4572에 의한 MULTIPASS-TEST의 FILTRATION 효율
- 스프링, O-RING SEAL을 포함한 ELEMENT 교체

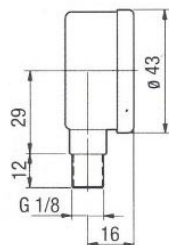
WIRE MESH MEDIA						CELLULOSE MEDIA						SYNTAQ®=SYNTHETIC MEDIA		
/9			/6			/3			/1			/03		
90 MICRON			60 MICRON			30 MICRON NOM.			10 MICRON NOM.			25 MICRON ABS.		
SIZE FLOW l/min	TYPE	ELEMENT	FLOW l/min	TYPE	ELEMENT	FLOW l/min	TYPE	ELEMENT	FLOW l/min	TYPE	ELEMENT	FLOW l/min	TYPE	ELEMENT
20	K030207 FIO 20	P171500 CR 30	20	K030212 FIO 20/6	P171505 CR 30/6	15	K030211 FIO 20/3	P171504 CR 30/3	15	K030210 FIO 20/1	P171503 CR 30/1	10	K030209 FIO 20/03	P171502 CR 30/03
30	K030213 FIO 30	P171500 CR 30	30	K030218 FIO 30/6	P171505 CR 30/6	20	K030336 FIO 30/3	P171504 CR 30/3	20	K030216 FIO 30/1	P171503 CR 30/1	15	K030215 FIO 30/03	P171502 CR 30/03
50	K040506 FIO 50	P171518 CR 50	50	K040511 FIO 50/6	P171523 CR 50/6	35	K040510 FIO 50/3	P171522 CR 50/3	35	K040509 FIO 50/1	P171521 CR 50/1	30	K040508 FIO 50/03	P171520 CR 50/03
60	K040512 FIO 60	P171524 CR 60	60	K040517 FIO 60/6	P171529 CR 60/6	40	K040871 FIO 60/3	P171528 CR 60/3	40	K040515 FIO 60/1	P171527 CR 60/1	35	K040514 FIO 60/03	P171526 CR 60/03
80	K040518 FIO 80	P171530 CR 100	80	K040523 FIO 80/6	P171535 CR 100/6	55	K040522 FIO 80/3	P1 1534 CR 100/3	55	K040521 FIO 80/1	P171533 CR 100/1	50	K040520 FIO 80/03	P171532 CR 100/03
100	K040500 FIO 100	P171530 CR 100	100	K040505 FIO 100/6	P171535 CR 100/6	65	K040882 FIO 100/3	P171534 CR 100/3	65	K040503 FIO 100/1	P171533 CR 100/1	60	K040502 FIO 100/03	P171532 CR 100/03
150	K051109 FIO 150	P171536 CR 180	150	K051114 FIO 150/6	P171541 CR 180/6	100	K051113 FIO 150/3	P171540 CR 180/3	100	K051112 FIO 150/1	P171539 CR 180/1	90	K051111 FIO 150/03	P171538 CR 180/03
180	K051115 FIO 180	P171536 CR 180	180	K051120 FIO 180/6	P171541 CR 180/6	120	K051229 FIO 180/3	P171540 CR 180/3	120	K051118 FIO 180/1	P171539 CR 180/1	110	K051117 FIO 180/03	P171538 CR 180/03
200	K070003 FIO 200	P171542 CR 201	200	K070008 FIO 200/6	P171547 CR 201/6	140	K070007 FIO 200/3	P171546 CR 201/3	140	K070006 FIO 200/1	P171545 CR 201/1	130	K070005 FIO 200/03	P171544 CR 201/03
250	K070009 FIO 250	P171548 CR 250	250	K070014 FIO 250/6	P171553 CR 250/6	160	K070013 FIO 250/3	P171552 CR 250/3	160	K070012 FIO 250/1	P171551 CR 250/1	140	K070011 FIO 250/03	P171550 CR 250/03
330	K070015 FIO 325	P171554 CR 325	330	K070020 FIO 325/6	P171559 CR 325/6	200	K070300 FIO 325/3	P171558 CR 325/3	200	K070018 FIO 325/1	P171557 CR 325/1	180	K070017 FIO 325/03	P171556 CR 325/03
330	K070021 FIO 330	P171560 CR 330	330	K070026 FIO 330/6	P171565 CR 330/6	200	K070300 FIO 330/3	P171564 CR 330/3	200	K070024 FIO 330/1	P171563 CR 330/1	180	K070023 FIO 330/03	P171562 CR 330/03
330	K070517 FIOF 330	K171560 CR 330	330	K070522 FIOF 330/6	K171565 CR 330/6	200	K070521 FIOF 330/3	K171564 CR 330/3	200	K070520 FIOF 330/1	K171563 CR 330/1	180	K070519 FIOF 330/03	K171562 CR 330/03
500	K070027 FIO 500	P171566 CR 500	500	K070032 FIO 500/6	P171571 CR 500/6	400	K070031 FIO 500/3	P171570 CR 500/3	400	K070030 FIO 500/1	P171569 CR 500/1	350	K070029 FIO 500/03	P171568 CR 500/03
600	K070033 FIO 600	P171572 CR 600	600	K070038 FIO 600/6	P171577 CR 600/6	500	K070310 FIO 600/3	P171576 CR 600/3	500	K070036 FIO 600/1	P171575 CR 600/1	400	K070035 FIO 600/03	P171574 CR 600/03
600	K070045 FIOF 600	P171572 CR 600	600	K070050 FIOF 600/6	P171577 CR 600/6	500	K070049 FIOF 600/3	P171576 CR 600/3	500	K070048 FIOF 600/1	P171575 CR 600/1	400	K070047 FIOF 600/03	P171574 CR 600/03
800	K070039 FIO 800	P171578 CR 800	800	K070044 FIO 800/6	P171583 CR 800/6	600	K070043 FIO 800/3	P171582 CR 800/3	600	K070042 FIO 800/1	P171581 CR 800/1	500	K070041 FIO 800/03	P171580 CR 800/03
800	K070051 FIOF 800	P171578 CR 800	800	K070056 FIOF 800/6	P171583 CR 800/6	600	K070055 FIOF 800/3	P171582 CR 800/3	600	K070054 FIOF 800/1	P171581 CR 800/1	500	K070053 FIOF 800/03	P171580 CR 800/03

외형치수도

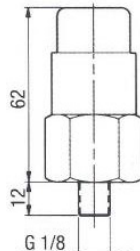


mm											mm		
A	B	C	D	E	F	G	H	I	L	Kg.	M	N	O
G 3/8	67	78	90	6,4	25	9	49	30	22	0,5	26	52	67
G 1/2	67	78	90	6,4	25	9	49	30	22	0,5	26	52	67
G 1/2	90	100	115	8,4	28	10	66	43	28	0,8	29	70	75
G 3/4	90	100	115	8,4	28	10	66	43	28	0,8	29	70	82
G 3/4	90	145	115	8,4	28	10	66	43	28	0,9	29	70	128
G 1	90	145	115	8,4	28	10	66	43	28	0,9	29	70	128
G 1	131	230	175	10,5	40	10	95	53	35	2,5	41	95	203
G 1 1/4	131	230	175	10,5	40	10	95	53	35	2,5	41	95	203
G 1 1/4	131	280	175	10,5	40	10	95	53	35	2,8	41	95	250
G 1 1/2	175	167	220	10,5	50	11	119	65	41	3,7	52	140	136
G 1 1/2	175	238	220	10,5	50	11	119	65	41	4,3	52	140	203
G 1 1/2	175	238	220	10,5	63,5	11	119	65	41	4,3	65	140	203
FLANGE SAE 1 1/2	174	238	220	10,5	63,5	11	126	58	48,5	4,3	65	140	203
G 2	175	238	220	10,5	63,5	11	119	65	41	4,5	65	140	203
G 2	175	293	220	10,5	63,5	11	119	65	41	5,0	65	140	250
FLANGE SAE 2	174	289	220	10,5	63,5	11	126	58	48,5	5,2	65	140	250
G 2	175	441	220	10,5	63,5	11	119	65	41	6,0	65	140	400
FLANGE SAE 2	174	437	220	10,5	63,5	11	126	58	48,5	6,2	65	140	400

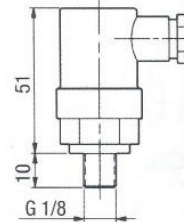
■ SERVICE INDICATORS



PRESSURE GAUGE
P171953 (500.01)
Scale:-100÷500kPa(-1÷5 bar)

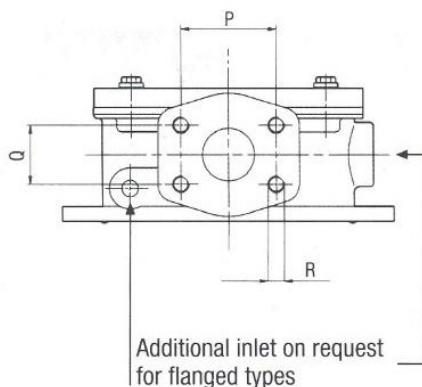


VISUAL PRESSURE GAUGE INDICATOR
P171958 (503.01)
Setting:120kPa(1,2bar)



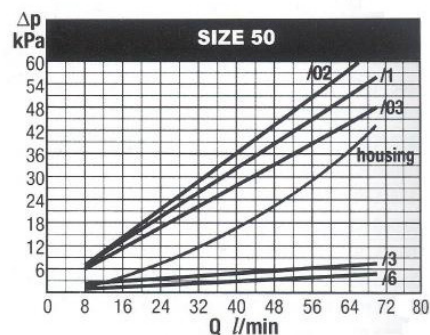
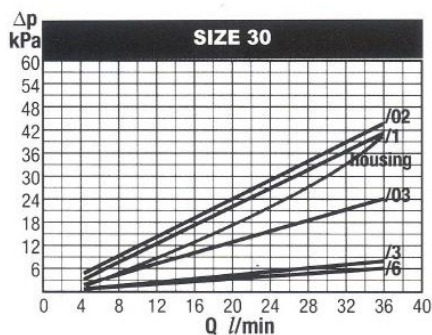
ELECTRICAL PRESSURE SWITCH INDICATOR
P171966 (504.01) N.O. contacts
P173104 (504.05) N.C. contacts
Setting:120kPa(1,2bar)
Max. values:220ACV-30DCV-0,5Ares. -0,2A ind.
Protection class:IP65
Cable clamp:PG7

■ SAE FLANGES 3000



SAE FLANGES J518 3000 PSI	P	Q	R
1 1/2	69,8	35,8	M12
2	77,8	42,9	M12

■ SAE FLANGES 3000



BESKO

DUKIN-BESKO

■ 성능곡선

