

FASTEK

F.R.L COMBINATION





F.R.L. Combination	P.2
FR.L. Combination	P.4
Filter-Regulator	P.6
Filter	P.7
Regulator	P.8
Lubricator	P.9

Ordering code

BC

3000

A

Model :

AC - Mini size

BC - Medium size

Size of port

1500 : 1/8"

2000 : 1/4"

3000 : 3/8"

Drainage type :

Blank : Standard (semi-auto)

A : Auto type*

M : Manual type

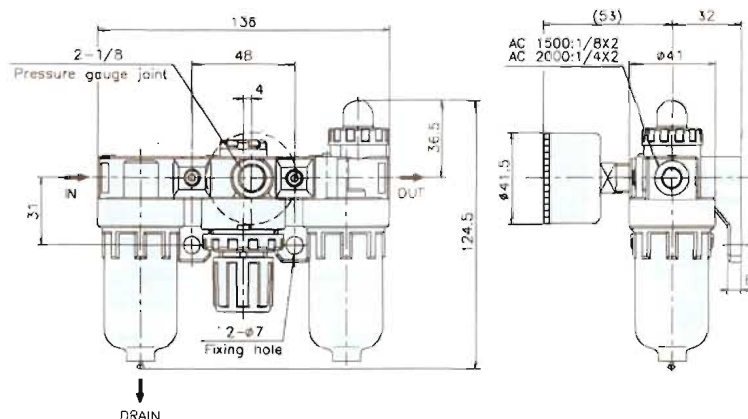
Note. * No Auto-Drain type available at mini size (AC).

Specification

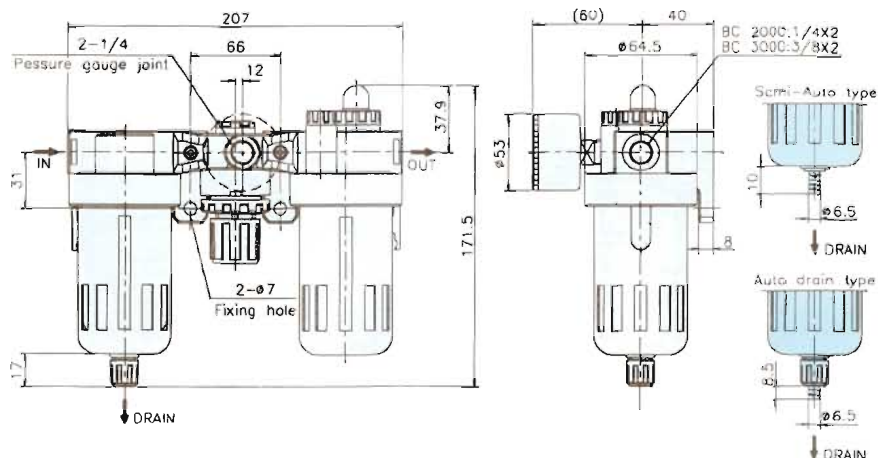
Model	AC1500	AC2000	BC2000	BC3000
Media	Air			
Port size	1/8"	1/4"	1/4"	3/8"
Filtering grade	40 μ			
Pressure setting range	kg/cm ² 0.5 ~ 8.5			
Max. Service pressure	kg/cm ² 9.5			
Guarantee endurance pressure	kg/cm ² 15			
Service temperature range	°C 5 ~ 60			
Drain holding capacity	cc 15		cc 60	
Lubricator oil string capacity	cc 25		cc 90	
Recommendable lubricant	ISO vg32 or equivalent			

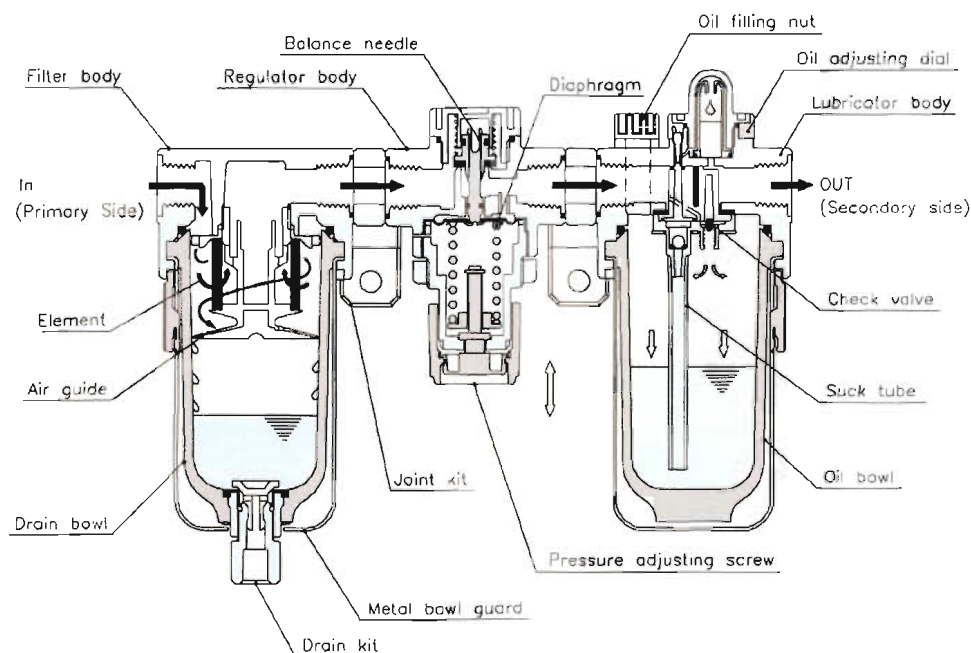
Dimensions of AC & BC

AC1500 (2000)

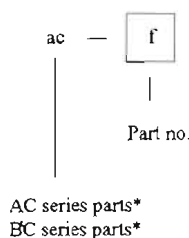


BC2000 (3000)





How to order parts



Note. * Parts of Filter, Regulator, and Lubricator are ordered in the same way shown above and the right.

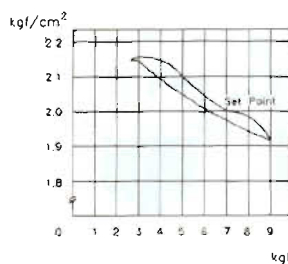
Material of major parts

Item	Part no.	AC1500	AC2000	BC2000	BC3000
Filter body	f	Aluminum die-cast			
Regulator body	r	Aluminum die-cast			
Lubricator body	l	Aluminum die-cast			
Drain bowl	db	PE			
Oil bowl	ob	PE			
Bowl guard	bg	—			
Element	e	Fiber			
Pressure adjusting screw	ps	POM			
Balance needle	bn	Copper			
Diaphragm	d	NBR			
Joint kit	j	Aluminum die-cast			
Drain kit (auto)	da	POM			
Drain kit (semi-auto)	ds	Copper			
Drain kit (manual)	dm	POM			
Suck tube	s	PU			
Oil filling nut	on	Copper			
Oil adjusting dial set	od	POM			
Air Guide	ag	POM			
Gauge	g	—			

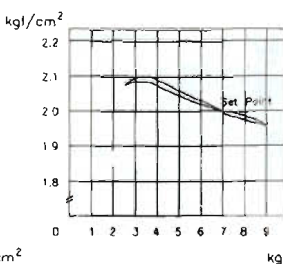
Pressure Characteristics

Flow Characteristics

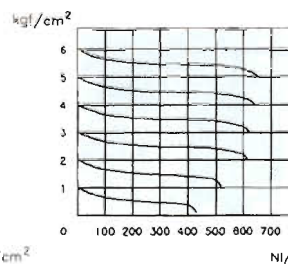
AC2000



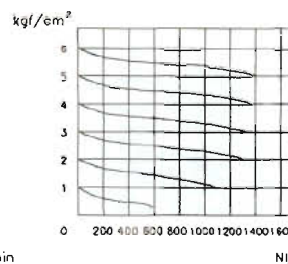
BC3000



AC2000



BC3000



Ordering code

BFC

3000

A

Model :	Size of port	Drainage type :
AFC - Mini size	1500 : 1/8"	Blank : Standard (semi-auto)
BFC - Medium size	2000 : 1/4"	A : Auto type*
	3000 : 3/8"	M : Manual type

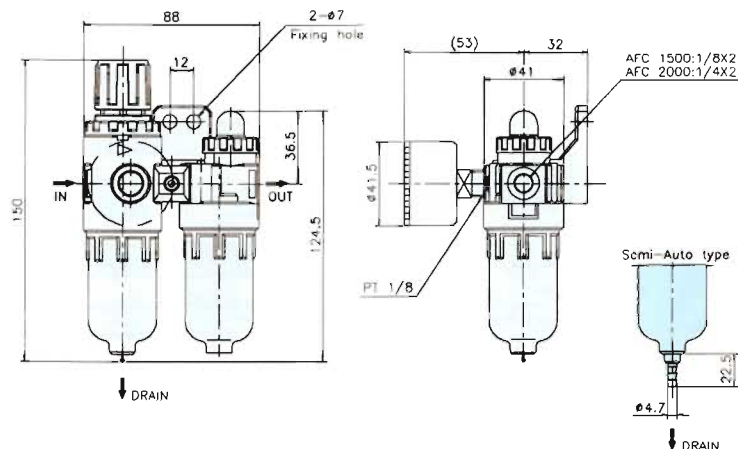
Note. * No Auto-Drain type available at mini size (AFC).

Specification

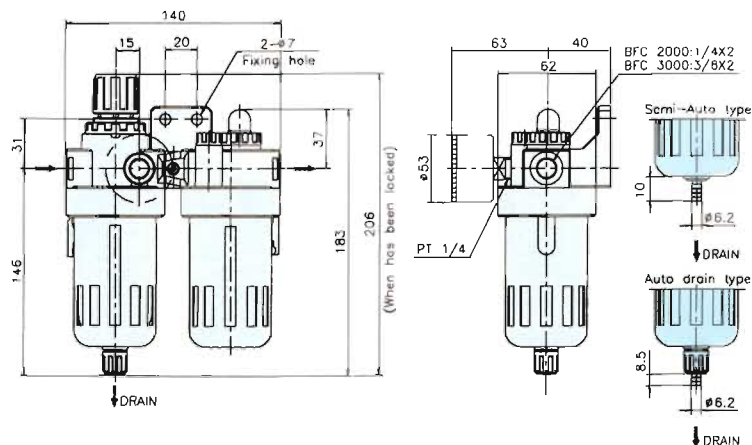
Model	AFC1500	AFC2000	BFC2000	BFC3000
Media	Air			
Port size	1/8"	1/4"	1/4"	3/8"
Filtering grade	40 μ			
Pressure setting range	kg/cm ² 0.5 ~ 8.5			
Max. Service pressure	kg/cm ² 9.5			
Guarantee endurance pressure	kg/cm ² 15			
Service temperature range	°C 5 ~ 60			
Drain holding capacity	cc 15		cc 60	
Lubricator oil string capacity	cc 25		cc 90	
Recommendable lubricant	ISO vg32 or equivalent			

Dimensions of AFC & BFC

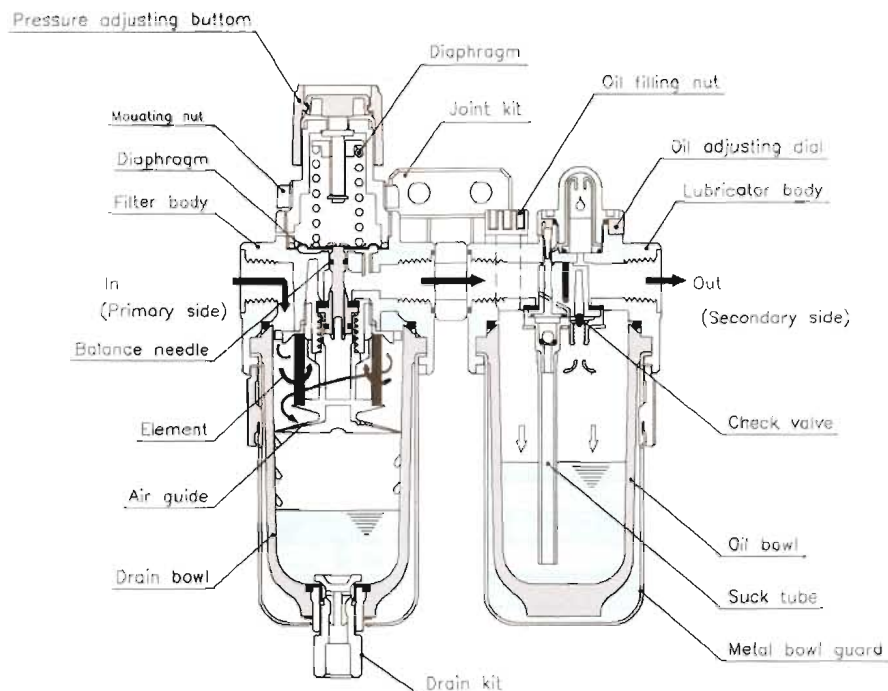
AFC1500 (2000)



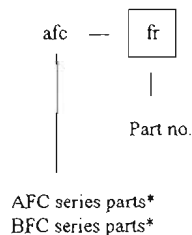
BFC2000 (3000)



Inner Construction and Major parts



How to order parts



Note. * Parts of Filter-Regulator, and Lubricator are ordered in the same way shown above and the right.

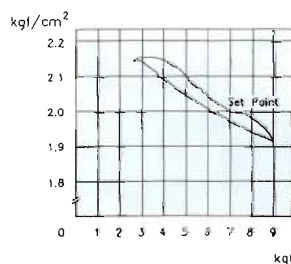
Material of major parts

Item	Part no.	AFC1500	AFC2000	BFC2000	BFC3000
Filter-Regulator body	fr	Aluminum die-cast			
Lubricator body	l	Aluminum die-cast			
Drain bowl	db	PE			
Oil bowl	ob	PE			
Bowl guard	bg	Mild steel			
Element	e	Fiber			
Pressure adjusting screw	ps	POM			
Balance needle	bn	Copper			
Diaphragm	d	NBR			
Joint kit	j	Aluminum die-cast			
Drain kit (auto)	da	POM			
Drain kit (semi-auto)	ds	Copper			
Drain kit (manual)	dm	POM			
Suck tube	s	PU			
Oil filling nut	on	Copper			
Oil adjusting dial set	od	POM			
Air Guide	ag	POM			
Gauge	g	—			

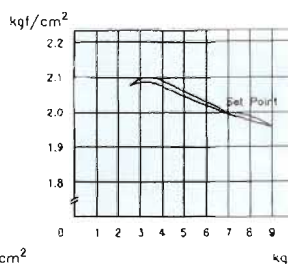
Pressure Characteristics

Flow Characteristics

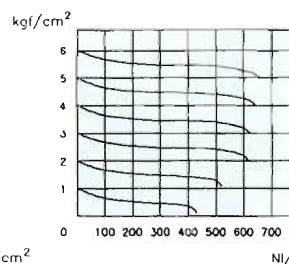
AFC2000



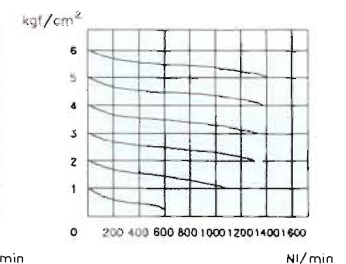
BFC3000



AFC2000



BFC3000



F.R.L. COMBINATION

Filter-Regulator

Ordering code

BFR

3000

A

Model :

Size of port

Drainage type :

AFR - Mini size

1500 : 1/8"

Blank : Standard (semi-auto)

BFR - Medium size

2000 : 1/4"

A : Auto type*

3000 : 3/8"

M : Manual type

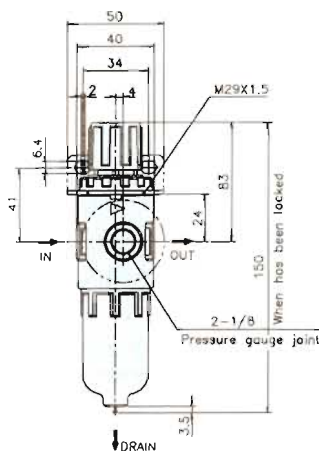
Note. * No Auto-Drain type available at mini size (AFR).

Specification

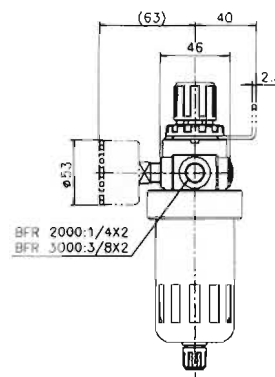
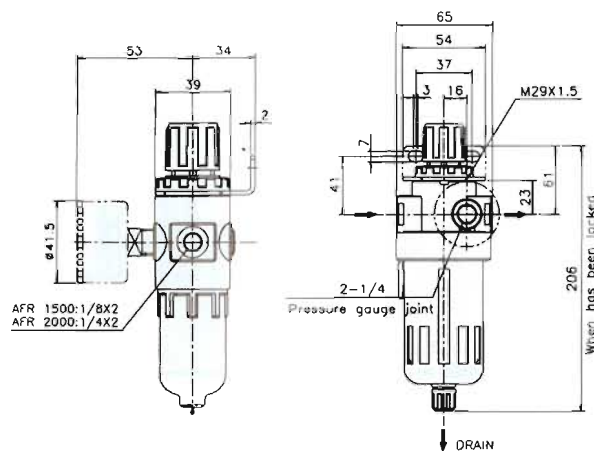
Model	AFR1500	AFR2000	BFR2000	BFR3000
Media	Air			
Port size	1/8"	1/4"	1/4"	3/8"
Filtering grade	40 μ			
Pressure setting range	kg/cm ² 0.5 ~ 8.5			
Max. Service pressure	kg/cm ² 9.5			
Guarantee endurance pressure	kg/cm ² 15			
Service temperature range	°C 5 ~ 60			
Drain holding capacity	cc 15			60

Dimensions of AFR & BFR

AFR1500 (2000)



BFR2000 (3000)

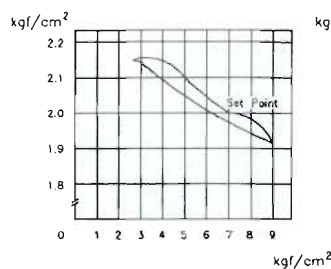


Note. Internal structure and major parts please refer to page 5.

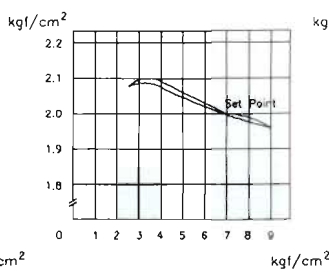
Pressure Characteristics

Flow Characteristics

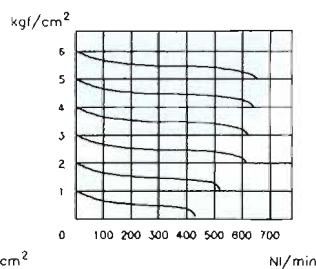
AFR2000



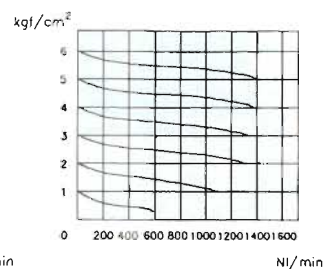
BFR3000



AFR2000



BFR3000



F.R.L. COMBINATION

Filter

Ordering code

BF

3000

A

Model :

Size of port

Drainage type :

AF - Mini size

1500 : 1/8"

Blank : Standard (semi-auto)

BF - Medium size

2000 : 1/4"

A : Auto type*

3000 : 3/8"

M : Manual type

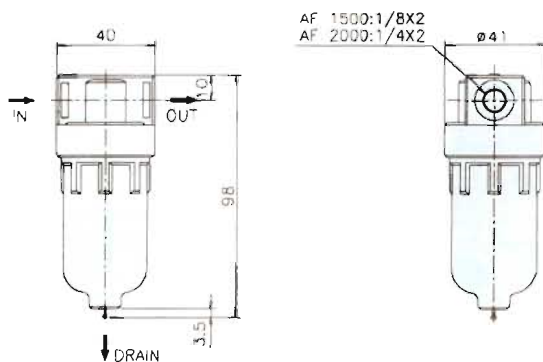
Note. * No Auto-Drain type available at mini size (AF).

Specification

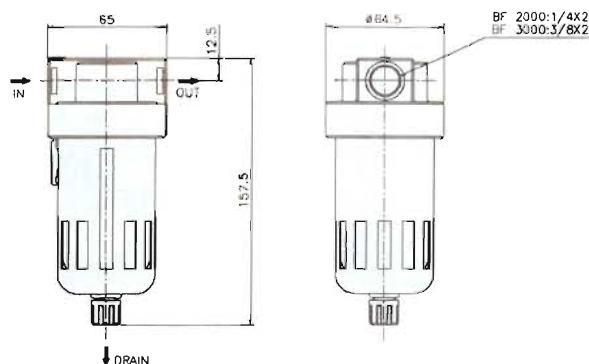
Model	AF1500	AF2000	BF2000	BF3000
Media	Air			
Port size	1/8"	1/4"	1/4"	3/8"
Filtering grade	40 μ			
Max. Service pressure kg/cm^2	9.5			
Guarantee endurance pressure kg/cm^2	15			
Service temperature range $^{\circ}\text{C}$	5 ~ 60			
Drain holding capacity cc	15		60	

Dimensions of AF & BF

AF1500 (2000)



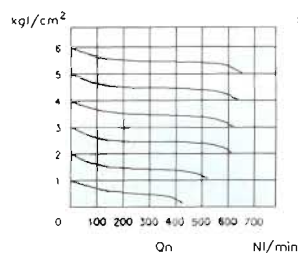
BF2000 (3000)



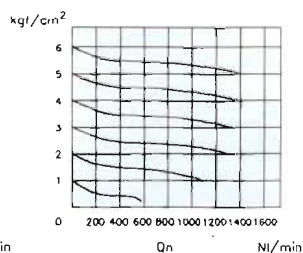
Note. Internal structure and major parts please refer to page 3.

Flow Characteristics

AF2000



BF3000



Regulator

Ordering code

BR

3000

L

Model :

Size of port

Pressure type :

AR - Mini size

1500 : 1/8"

Blank : Standard type (0 - 8.5 kg/cm²)

BR - Medium size

2000 : 1/4"

L : Low pressure type (0 - 8.5 kg/cm²)

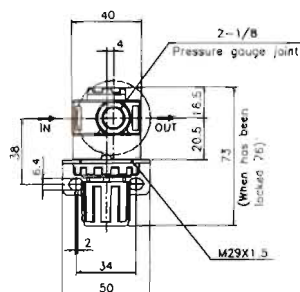
3000 : 3/8"

Specification

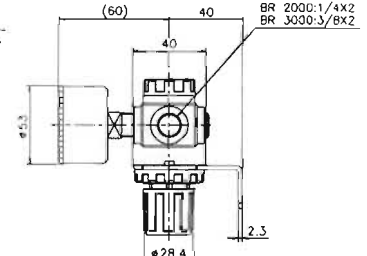
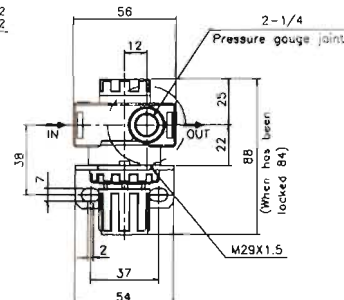
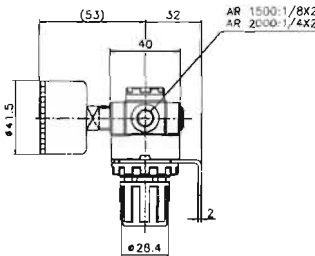
Model	AR1500	AR2000	BR2000	BR3000
Media	Air			
Port size	1/8"	1/4"	1/4"	3/8"
Pressure setting range	kg/cm ²	0.5 ~ 8.5		
Max. Service pressure	kg/cm ²	9.5		
Guarantee endurance pressure	kg/cm ²	15		
Service temperature range	°C	5 ~ 60		

Dimensions of AR & BR

AR1500 (2000)



BR2000 (3000)

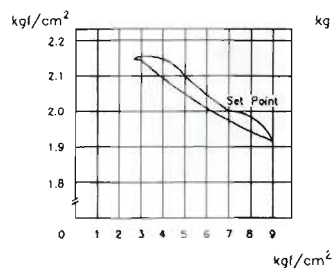


Note. Internal structure and major parts please refer to page 3.

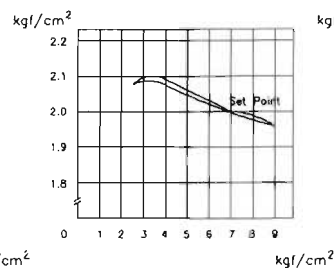
Pressure Characteristics

Flow Characteristics

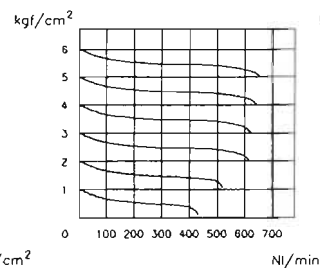
AR2000



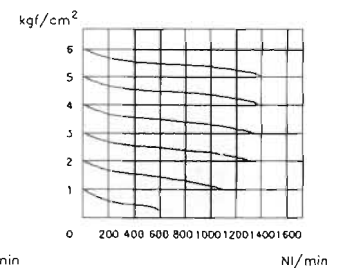
BR3000



AR2000



BR3000



F.R.L. COMBINATION

Lubricator

Ordering code

BL

3000

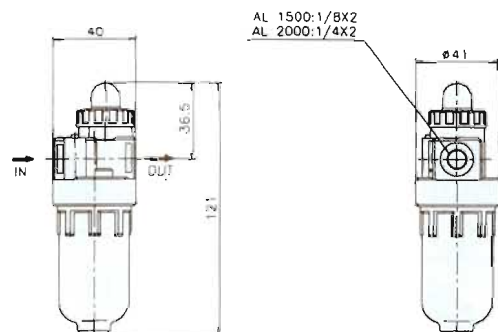
Model : Size of port
AL - Mini size 1500 : 1/8"
BL - Medium size 2000 : 1/4"
 3000 : 3/8"

Specification

Model	AL1500	AL2000	BL2000	BL3000
Media	Air			
Port size	1/8"	1/4"	1/4"	3/8"
Max. Service pressure kg/cm ²	9.5			
Guarantee endurance pressure kg/cm ²	15			
Service temperature range °C	5 ~ 60			
Lubricator oil string capacity cc	25		90	
Recommendable lubricant	ISO vg32 or equivalent			

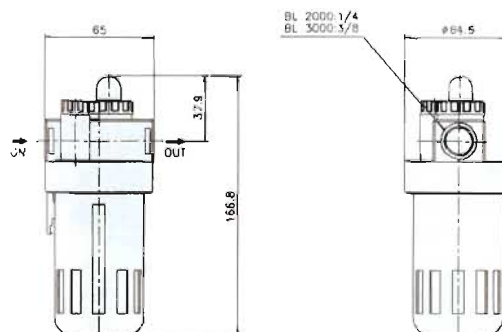
Dimensions of AL & BL

AL1500 (2000)



Note. Internal structure and major parts please refer to page 3.

BL2000 (3000)



Flow Characteristics

AL2000

BL3000

