

- > Port size: 1/8 ... 1/2" (ISO G)
- > Predefined options provide ease of ordering
- > Flexible configurations
- > Integrated gauge reduces mounting time
- > Push to lock adjusting knob





Technical features

Medium:

Compressed air only

Maximum operating pressure:

10 bar (145 psi)

Pressure range:

0,5 ... 8,5 bar (7,25 ... 123 psi)

Flow:

50 l/s max., at port size 1/2", 10 bar inlet pressure, pressure set at 6,3 bar and 1 bar pressure drop from set.

Filter element:

5 µm

Port size:

G1/8, G1/4, G3/8, G1/2

Bowl capacity:

G1/8 & G1/4: 12 ml (Filter), 20 ml (Regulator) G3/8 & G1/2: 45 ml (Filter), 85 ml (Regulator)

Drain type:

Manual, Semi automatic,

Automatic

Start point*:

1/8" & 1/4": 0,25 l/s 3/8", 1/2": 0,5 l/s

*1) Minimum flow rate for lubricator operation at 5 bar

Ambient/Media temperature:

0 ... +60°C (+32 ... +140°F) Air supply must be dry enough to avoid ice formation at temperatures below +2°C (+35°F).

Materials:

G1/8 & G1/4 Body: Polyamide G3/8 & G1/2 Body: Die casting Aluminum Bowl: Transparent PC Bowl cover: Polyamide Bonnet: Polyamide Elastomers: Nitrile Main valve: Brass

Technical data - standard models

Symbol	Port size	Flow rate	Weight	Bowl	Model		
		(I/s)	(kg)		Automatic	Semi automatic	Manual
	G1/8	10	0,40	Transparent without guard	-	C49B-1GK-ST1-RMG-ETB	C49B-1GK-MT1-RMG-ETB
	G1/4	15	0,39	Transparent without guard	-	C49B-2GK-ST1-RMG-ETB	C49B-2GK-MT1-RMG-ETB
	G3/8	25	1,27	Transparent with guard	C49B-3GK-AW1-RMG-EWB	C49B-3GK-SW1-RMG-EWB	C49B-3GK-MW1-RMG-EWB
	G1/2	50	1,24	Transparent with guard	C49B-4GK-AW1-RMG-EWB	C49B-4GK-SW1-RMG-EWB	C49B-4GK-MW1-RMG-EWB

Option selector C49B-***-*** Port size Substitute Substitute Accessory 1/8 Brackets 1/4" Substitute 2 Bowl 3/8 3 Transparent without guard *1) 1/2" Transparent with guard *2) w Thread form Drain Substitute Substitute ISO G G Closed bottom Е Adjustment Substitute Gauge Substitute Knob (Standard) With G Drain Substitute **Outlet Pressure** Substitute adjustment range *3) Semi automatic drain s 0,5 ... 8,5 bar М Manual drain М Diaphragm Substitute Automatic drain *2) Α Relieving Substitute *1) For G1/8 & G1/4 only Transparent without guard *1) *2) For G3/8 & G1/2 only Transparent with guard *2) w *3) Outlet pressure can be adjusted in Filter element Substitute excess of and less than those specified. 5 µm (Standard) Do not use these units to control pressures outside of the specified ranges.



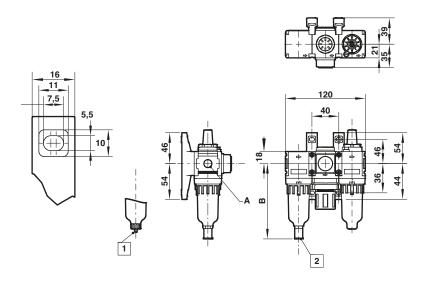
Dimensions

G1/8 & G1/4

Dimensions in mm Projection/Third angle

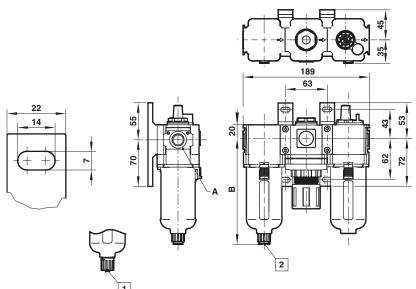






- 1 Manual drain can insert ID ø 4 PU tube at drain outlet.
- 2 Semi-auto drain can insert OD ø 6 PU tube at drain outlet.

G3/8 & G1/2



- $\ensuremath{\,\underline{\bf 1}}$ Manual drain or automatic drain can insert ID ø 5,5 PU tube at drain outlet.
- $\fbox{2}$ Semi-auto drain can insert OD ø 8 PU tube at drain

Port size (A)	В	Model
G1/8	113,5	C49B-1GK-ST1-RMG-ETB
G1/8	105,5	C49B-1GK-MT1-RMG-ETB
G1/4	113,5	C49B-2GK-ST1-RMG-ETB
G1/4	105,5	C49B-2GK-MT1-RMG-ETB
G3/8	158	C49B-3GK-SW1-RMG-EWB
G3/8	157	C49B-3GK-MW1-RMG-EWB
G3/8	157	C49B-3GK-AW1-RMG-EWB
G1/2	158	C49B-4GK-SW1-RMG-EWB
G1/2	157	C49B-4GK-MW1-RMG-EWB
G1/2	157	C49B-4GK-AW1-RMG-EWB



Accessories

	T Bracket	Gauge
		2 0 12 bar
Port size	Page 4	Page 4
G1/8 & G1/4	49B-031	49B-GS01
G3/8 & G1/2	49B-032	49B-GS02

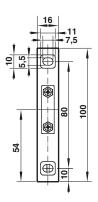


Accessories

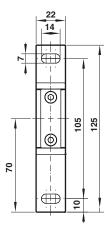
Dimensions in mm Projection/Third angle



T Bracket 49B-031

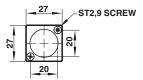


T Bracket 49B-032

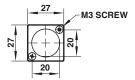


Gauge

49B-GS01



Gauge 49B-GS02



Warning

These products are intended for use in industrial compressed air systems only. Do not use these products where pressures and temperatures can exceed those listed under »**Technical features/data**«.

Before using these products with fluids other than those specified, for non-industrial applications, life-support systems or other applications not within published specifications, consult

IMI Precision Engineering, Norgren Co. Ltd.

Through misuse, age, or malfunction, components used in fluid power systems can fail in various modes. The system designer is warned to consider the failure modes of all component parts used in fluid power systems and to provide adequate safeguards to prevent personal injury or damage to equipment in the event of such failure.

System designers must provide a warning to end users in the system instructional manual if protection against a failure mode cannot be adequately provided.

System designers and end users are cautioned to review specific warnings found in instruction sheets packed and shipped with these products.