

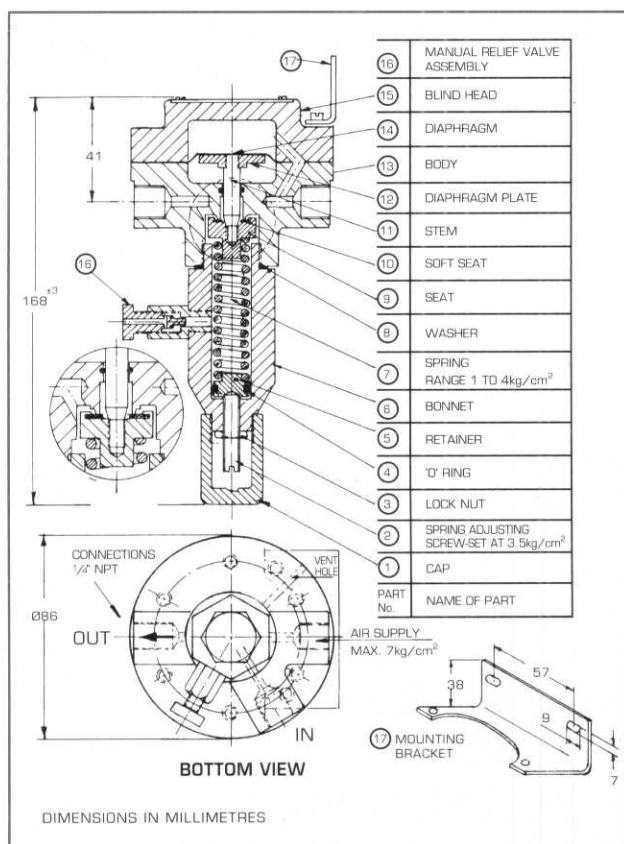
Figure 1. PA 12.12.11. Epoxy painted aluminium construction.

Features

- Robust design.
- Compact size and low weight.
- Available in epoxy painted aluminium or stainless steel construction.
- Easily adjustable.
- Built in relief valve.
- Mounting bracket supplied as standard.

Function

The airlock blocks the air pressure in the diaphragm chamber of the actuator when the air pressure falls below the desired set value (1.0-4.0kg/cm²). The airlock has a built in relief valve which exhausts air from the diaphragm chamber should need arise for manual actuator operation, thus avoiding damage to the actuator diaphragm.



Cut off setting.

Inlet supply air and outlet output gauge are required. To adjust the cut off setting, remove cap and adjust spring adjusting screw until desired outlet cut-off pressure is achieved. Please note that the airlock reset differential is approx 2-4 PSIG higher than the set cut off pressure. Turning the adjusting screw clock-wise will increase the setting and anti-clockwise will decrease the setting. Replace cap after making adjustment.

Caution.

Open manual relief valve to vent actuator diaphragm chamber when actuator handwheel (if fitted) is operated to avoid possible damage to actuator diaphragm.

Ordering Code.

	PA	a	b	c	d	e
Material of construction						
External finish						
Maximum working pressure						
Relief valve						
Spring range						
Pipework connections						

		code
a	Material of construction	
	Aluminium	1
	Stainless Steel	2
b	External finish	
	Epoxy paint	2
	Stainless steel	3
c	Max working pressure	
	7Kg/cm ²	1
d	Relief valve	
	With	2
e	Spring range	
	1 - 4Kg/cm ²	1
f	Pipework connections	
	1/4" NPT	1

KOSO

The Company's policy is one of continuous product improvement and the right is reserved to modify the specifications contained herein without notice.