

PRESSURE REDUCER type R110 WITH FILTER

PRESSURE REDUCER type R110 WITH FILTER IS DESIGNED FOR REGULATION AIR PRESSURE SUPPLIED DEICES OF PNEUMATIC SYSTEMS THE AUTOMATIC REGULATION AND FOR SIMULTANEOUS CLEANING THIS AIR FROM MECHANIC, OIL AND WATER POLLUTION.



* pressure voltage max 1,6 MPa
* acid-proof versions available

TECHNICAL DATA

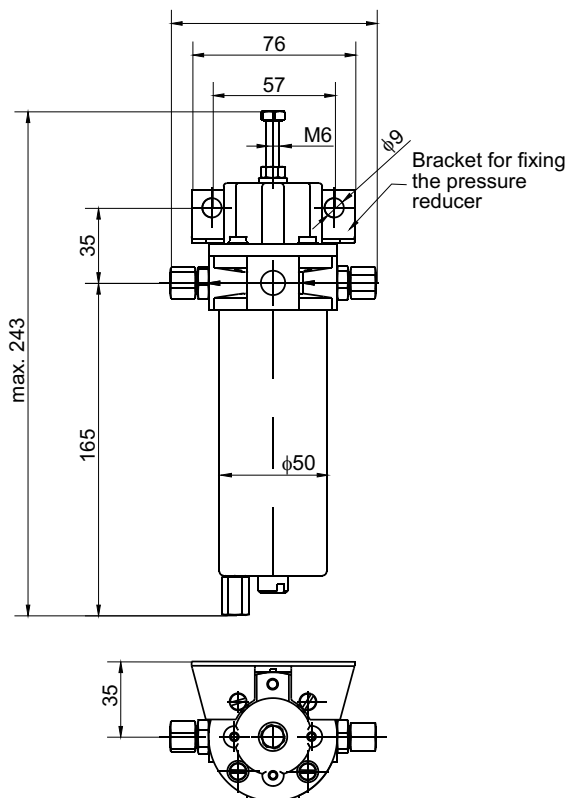
- working medium	cleaned air or gases not caused corrosion
- pressure voltage	max 1,6MPa
- regulation range of initial pressure	from 0,01 to 0,6MPa
- flow intensity at decrease of pressure on output to 5kPa	4,6 ... 6,5 kg/h (deppending of pressure voltage)
- max air consumption at outflow to atmosphere	max 16,9kg/h for voltage 0,4MPa max 31,2kg/h for voltage 0,8MPa max 45,5kg/h for voltage 1,2MPa max 58,5kg/h for voltage 1,6MPa max 80g/h at voltage 0,5MPa
- own air consumption	max 80g/h at voltage 0,5MPa
- working temperature:	-40°C...+80°C
- humidity	max 95%
- filter separation efficiency	99,99% for constant particles at dimension higher then 1,5µm
- additional mistakes:	
from change the pressure at outflow	± 0,3% from set value on 10kPa
od zmian temperatury otoczenia	± 0,5% from set value on 10°C
- manometers	φ40mm or φ50mm, class 2,5%, range: 0 to 2,5MPa on inflow 0 to 0,6MPa on outflow
- air terminals	or connector for pipes φ6mm
- fixing	on the wall or construction using the holder
- working position	vertical with negative source the valve down
- protection degree	IP54
- mass:	
version R110 - A004	- 0,860 kg
version R110 - A005	- 1,015 kg
version R110 - A006	- 1,170 kg
version R110 - A007	- 1,073 kg
version R110 - A008	- 1,286 kg
version R110 - A009	- 1,073 kg
version R110 - A010	- 1,286 kg
version R110 - A011	- 1,430 kg
version R110 - A012	- 1,585 kg
version R110 - A013	- 1,740 kg
version R110 - A014	- 1,643 kg
version R110 - A015	- 1,856 kg
- materials:	
reductor's set, tank	Al alloy chromated or anodized; stainless steel, carbon cadmium steel
membrane	oil-proof rubber with textile separator
spring	carbon cadmium steel
filtering insert	ceramic

DIMENSION DRAWINGS
PRESSURE REDUCER WITH FILTER

I=115-(ver.A004; A011)

I=160-(ver.A005; A007; A009; A012; A014)

I=205-(ver.A006; A008; A010; A013; A015)


ORDERING METHOD

R110		Pressure reducer with filter	
CODE1	VERSION		
A004 A005 A006 A007* A008* A009* A010*	- without manometers - with 1 manometer $\phi 40$ (on output) - with 2 manometers $\phi 40$ - with 1 manometer $\phi 50$ (on output) - with 2 manometers $\phi 50$ - with 1 manometer $\phi 50$ in stainless steel housing (on output) - with 2 manometers $\phi 50$ in stainless steel housing		The housing reductor material - Ak11
A011* A012* A013* A014*	- stainless steel version without manometers - stainless steel version z with 1 manometer $\phi 40$ in stainless steel housing (on output) - stainless steel version with 2 manometers $\phi 40$ in stainless steel housing - stainless steel version with 1 manometer $\phi 50$ in stainless steel housing (on output)		
R110 - A005			
EXAMPLE TYPING OF REDUCER			

* versions with longer realization time

In the order please specify: name and type of reducer, version's No. and special requirements.

AIR TERMINALS:

 The connectors with thread 1/4" StB and parts for connect copper or polyethylene pipe $\phi 6$ mm are delivered with reducer.

The right of introducing design changes in the product, without deteriorating of its operation parameters, is reserved.