



Air Line Unit

Integrated filter, regulator and lubricator



Specifications

Descriptions	Airline Unit
Working fluid	Compressed air
Max. working pressure MPa	5
Withstanding pressure MPa	5
Ambient temperature range °C	5 to 60
Filtration rating μm	5
Set pressure range MPa	0.05 to 0.85
Min. drip flow (Note 1) m^3/min (ANR)	0.03
Relief	With relief mechanism
Oil capacity cm^3	85
Drain capacity cm^3	45
Use oil	Turbine oil Class 1 ISO VG32 (spindle oil can not be used)
Port size Rc	1/4, 3/8 (1/2 uses an adapter)
Product weight kg	0.97
Standard accessories	Pressure gauge, bracket, bowl guard

Note 1: The minimum drip flow is that at which five drops of turbine oil drip per minute at the set pressure of 0.5 MPa.

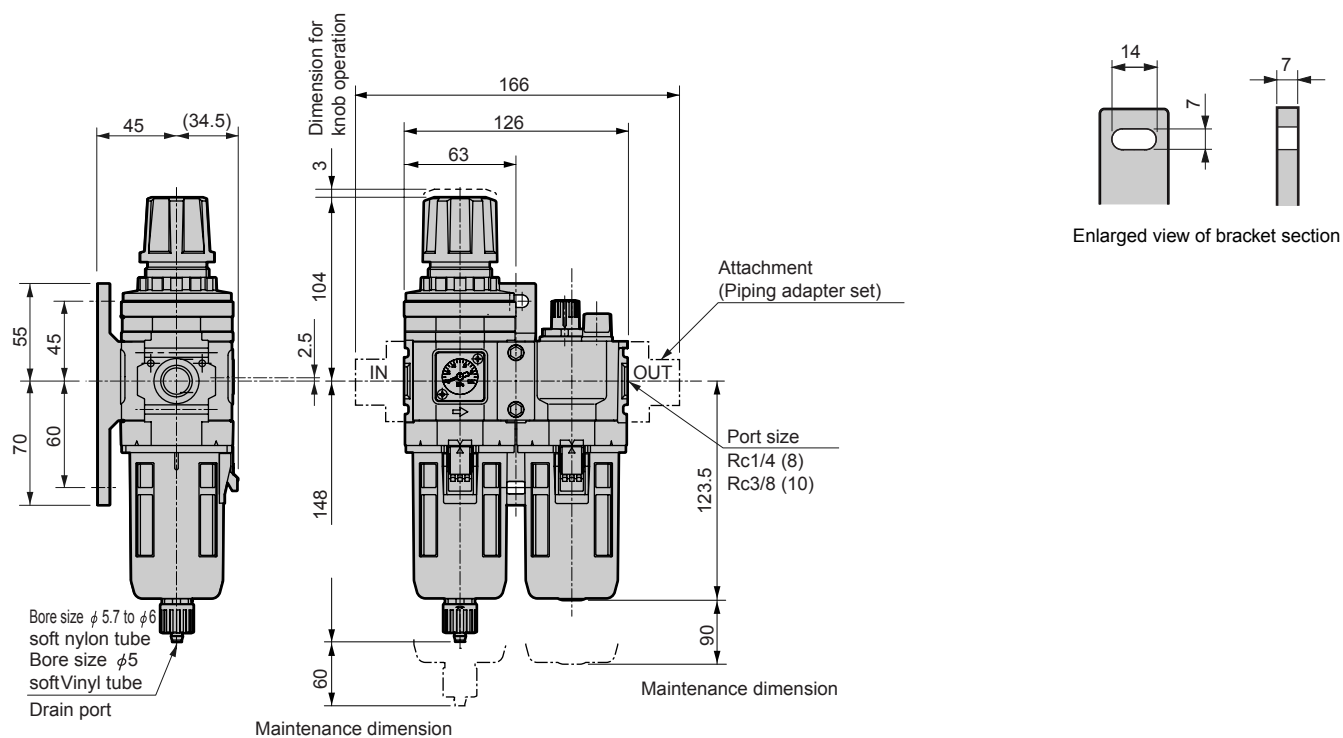
Note 2: Drainage accumulates up to 170 cm^3 only with the manual drain cock.

Note 3: The automatic drain's minimum operating pressure for "F" or "FF" with an automatic drain is 0.1 MPa. Initially generated drainage and air are purged until pressure reaches 0.1 MPa.

Note 4: The minimum operation pressure of the automatic drain is 0.15 MPa for the "F1" or "FF1" with an automatic drain.

Note 5: When "F1" with an automatic drain is selected for the C1010-W series, minimum operating pressure is 0.2 MPa, maximum operation pressure is 0.7 MPa and withstanding pressure is 1.05 MPa. Refer to the maximum processing flow table (page 426) for the F1000-W-F1 automatic drain for the maximum working flow. Set the working flow to less than the maximum working flow.

Note 6: Refer to maximum flow rate on page 426 for element option "Y". Set the working flow to less than the maximum working flow.



Option assembly dimensions

