# bit DEPURATOR

- Coalescing mini-depurator

  Space saving

  Minimum load loss as the flow rate varies

  All-round condensate level viewing



TECHNICAL DATA		DEP BIT 1/8"	DEP BIT 1/4"
Threaded port		1/8″	1/4″
Degree of purification		99.97% 0.01 μm	
Max. inlet pressure	MPa	13 188	
	bar		
	psi		
Suggested flow at 6 bar	NI/min	200	
	scfm	7	
Maximum suggested flow rate		See next page	
Max temperature at 1 MPa; 10 bar; 145 psi	°C	50	
Laure I	°F	122	
Weight	g	65	
Wall fixing screws		M4 by means of the bracket provided	
Bowl capacity	cm <sup>3</sup>	16	
Mounting position		Vertical	
Condensate drain		RMSA: drain with manual condensate discharge and automatic discharge at zero pressure.	
Fluid		Filtered 5 μm compressed air	
Notes		A It is advisable to mount a 5 m filter upstream the depurator acting as a rough filter.	

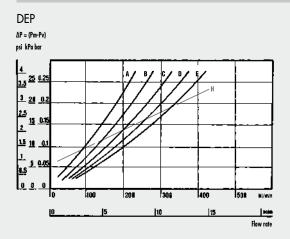
# **USE AND MAINTENANCE**

When replacing the coalescing cartridge, unscrew the bowl and then unscrew the screen of the cartridge assembly. Then replace the cartridge. Use a no. 3 compass spanner to unscrew the bowl.

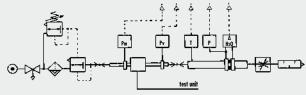




#### **FLOW CHARTS**



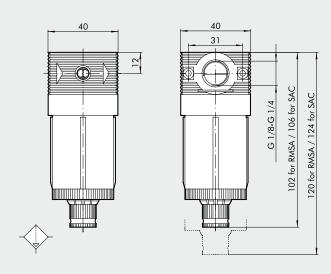




• Flow tests carried out at the Department of Mechanics, Turin Polytechnic, using the computerized test bench following CETOP RP50R recommendations (ISO DIS 6358-2-approved) with ISO 5167 diaphragm gauge.

- (A) = 2 bar 0.2 MPa 29 psi (B) = 4 bar - 0.4 MPa - 58 psi
- (C) = 6 bar 0.6 MPa 87 psi
- (D) = 8 bar 0.8 MPa 116 psi
- (E) = 10 bar 1 MPa 145 psi
- (H) = maximum flow rate recommended for optimal operation

# **DIMENSIONS**



### **ORDERING CODES**

Code	Description		
5112001	DEP BIT 1/8 RMSA		
5212001	DEP BIT 1/4 RMSA		

# SYNOPTIC, SIZES AND VERSIONS

DEP	BIT	1/8	RMSA
ELEMENT	SIZE	THREADED PORT	CONDENSATE DRAIN
DEP	BIT	1/8 1/4	RMSA

RMSA: drain with manual condensate discharge and automatic discharge at zero pressure.