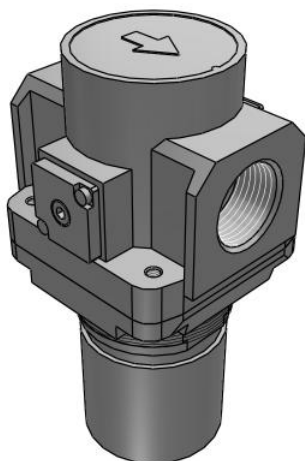




AR-B, Regulator & Regulator w/Backflow Function AR50-F10-1-B

Datasheet

General series information

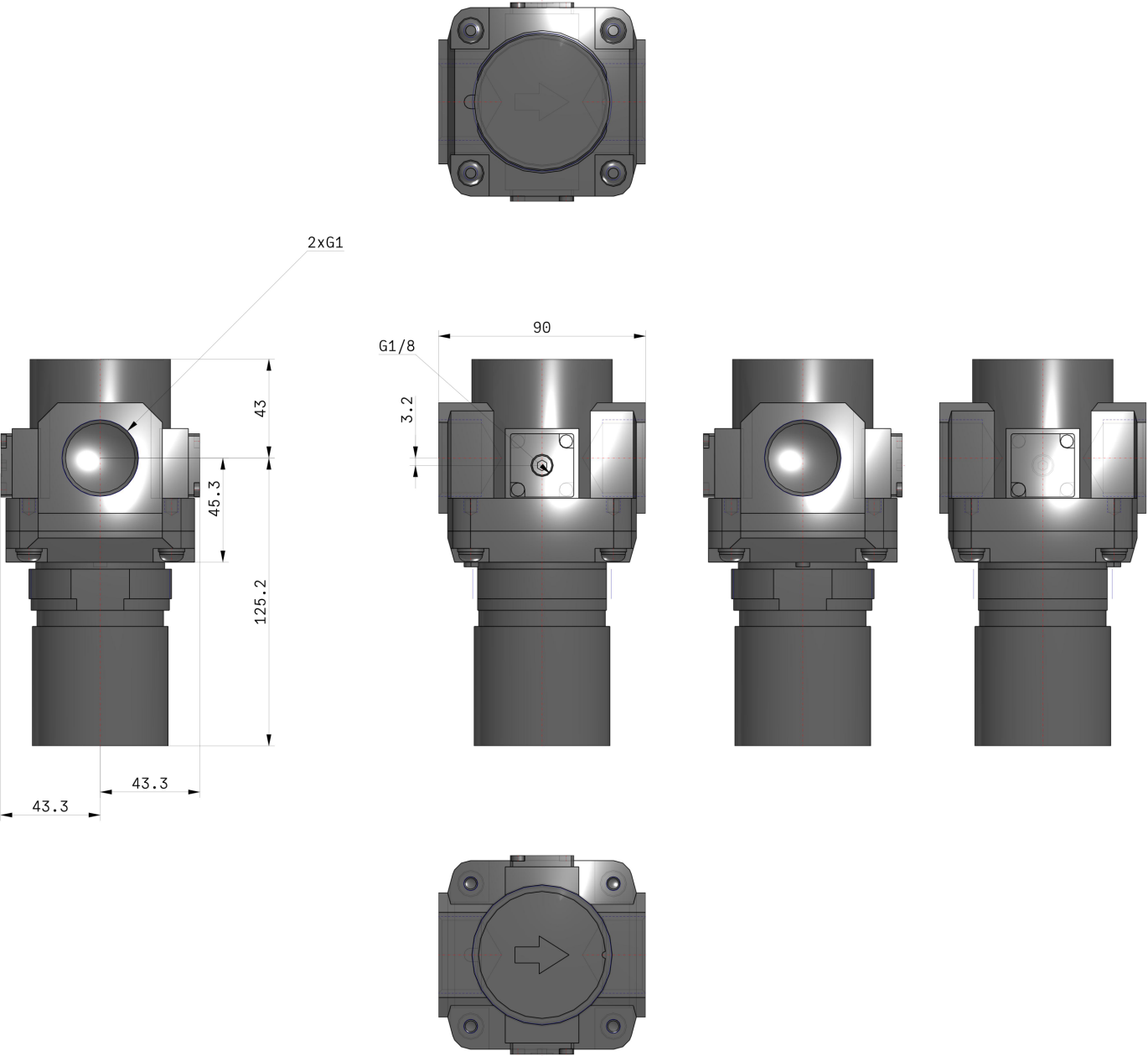
- This product is being discontinued and will be replaced by AR-D series. [Update details here.](#)



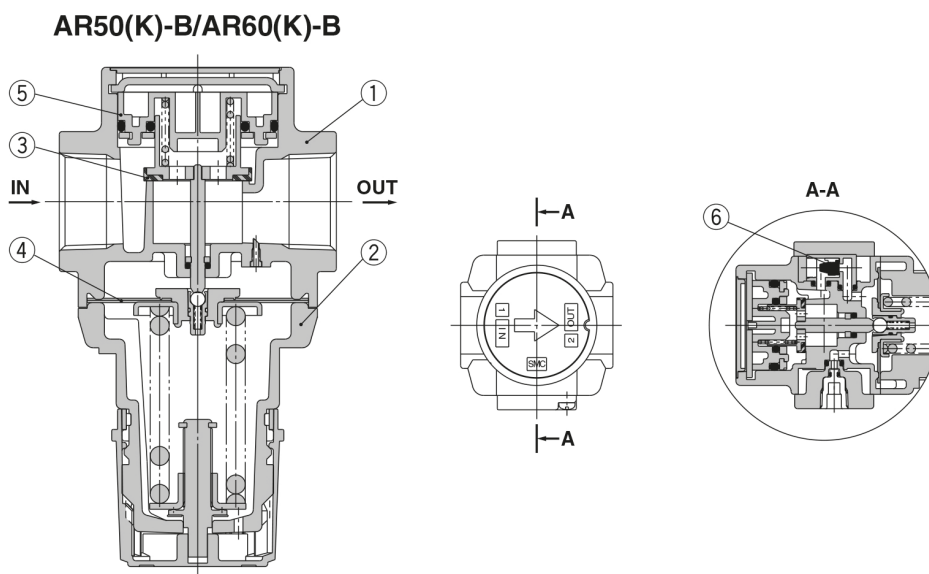
Standard specifications

Made to Order 1	None
Body Size	50
Backflow Function	None
Thread	F (G)
Port	10 (1)
Option	Standard
Semi-standard	1 (Set Pressure: 0.02 to 0.2 MPa)
Made to Order 2	None
Pressure medium	Air
Maximum operating pressure	1.0 MPa
Proof pressure	1.5 MPa
Maximum ambient temperature	60 °C
Minimum ambient temperature	-5 °C (with no freezing)
Approvals	No need;No need
Weight	1.136 Kg

Dimensions



Constructions



Component Parts

No.	Description	Material	Model	Colour
1	Body	Zinc die-cast	AR10-A	White
		Aluminium die-cast	AR20(K)-B to AR60(K)-B	
2	Bonnet	Polyacetal	AR10-A	White
			AR20(K)-B to AR40(K)-B	
		Aluminium die-cast	AR50(K)-B/AR60(K)-B	

[AR20(K)-B to AR60(K)-B]

No.	Description	Material	Part no.					
			AR20(K)-B	AR25(K)-B	AR30(K)-B	AR40(K)-B	AR40(K)-06-B	AR50(K)-B
3	Valve	Brass, HNBR	AR20P-410S	AR25P-410S	AR30P-410S	AR40P-410S	AR50P-410S	AR60P-410S
4	Diaphragm assembly	Weatherable NBR	AR20P-150AS	AR25P-150AS	AR30P-150AS	AR40P-150AS	AR50P-150AS	AR60P-150AS
5	Valve guide assembly	Polyacetal	AR20P-050AS	AR25P-050AS	AR30P-050AS	AR40P-050AS	AR50P-050AS	AR60P-050AS
6	Check valve assembly ^{*1}	—	AR23KP-020AS					

^{*1} Check valve assembly is applicable for a regulator with backflow function (AR20K-B to AR60K-B) only.
 Assembly of a check valve cover, check valve body assembly and 2 mounting screws

Additional information

Catalogue	AC-B-B_EU.pdf
Declaration of conformity	newDoC_AR_TF1X02EN-A.pdf
Installation manuals	IM_AR-B_TF2Z394EN.pdf
Operation manuals	OM_AR-B_OMS0056EN.pdf OM_ARxK-B_OMT0015EN.pdf