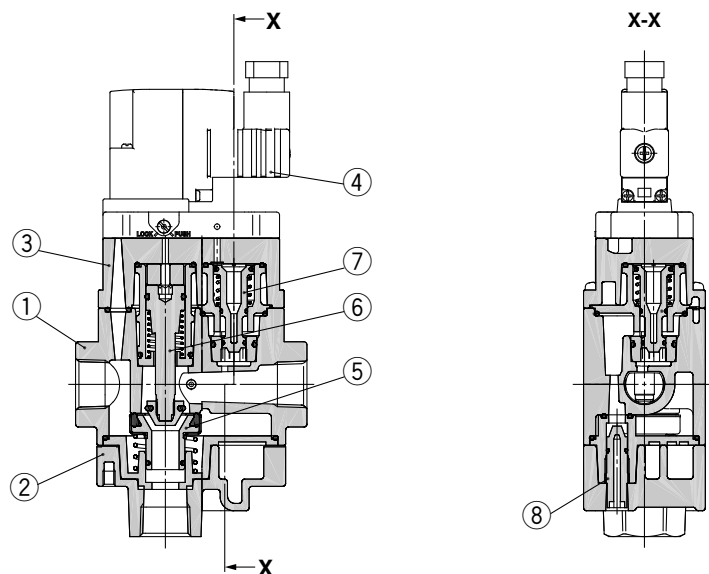


AV2000-A/3000-A/4000-A/5000-A Series

Construction



Component Parts

No.	Description	Material
1	Body	Aluminum die-cast
2	Bottom cover	Aluminum die-cast
3	Top cover	Aluminum die-cast

Replacement Parts

No.	Description	Material	AV2000-A	AV3000-A	AV4000-A	AV5000-A
4	Pilot valve assembly*1	—	See below.		See below.	
5	Valve assembly	Rubber material: HNBR	AV22P-060AS		AV42P-060AS	AV52P-060AS
6	Control valve assembly	—	AV22P-110AS		AV42P-110AS	AV52P-110AS
7	Piston assembly	POM, NBR	AV22P-120AS		AV42P-120AS	AV52P-120AS
8	Needle assembly	POM, NBR	AV22P-150AS	AV32P-150AS	AV42P-150AS	AV52P-150AS
9	Plug assembly	POM, NBR	AR22P-320AS-□01			

*1 See below for How to Order of the pilot valve.

How to Order Pilot Valve Assembly

AV **2** 0 - **1** **G** **B** A

① ② ③ ④ ⑤

			Symbol	Description
①	Applicable model		2	AV2000-A, AV3000-A
			4	AV4000-A, AV5000-A
+				
②	Rated coil voltage	AC (50/60 Hz)	1	100 VAC
			2	200 VAC
			3	110 VAC [115 VAC]*1
			4	220 VAC [230 VAC]*1
	DC	5	24 VDC	
		6	12 VDC	
+				
③	Electrical entry		G	Grommet (Lead wire length: 300 mm)
			D	Type D (DIN terminal/With connector)
			Y	Type Y (DIN terminal/With connector)*2
			DO	Type D (DIN terminal/Without connector)
			YO	Type Y (DIN terminal/Without connector)
+				
④	Light/surge voltage suppressor		Nil	None
			Z	With light/surge voltage suppressor
+				
⑤	Manual override		Nil	Non-locking push type
			B	Push-turn locking slotted type
			C	Push-turn locking lever type

*1 The 110 VAC and 115 VAC are interchangeable. The 220 VAC and 230 VAC are interchangeable as well.

The allowable voltage fluctuation is -15% to +5% of the rated voltage for the 115 VAC or 230 VAC.

*2 Type "Y" is a DIN terminal conforming to EN-175301-803C (former DIN43650C).

* When the electrical entry is DO or YO, light/surge voltage suppressor cannot be selected.