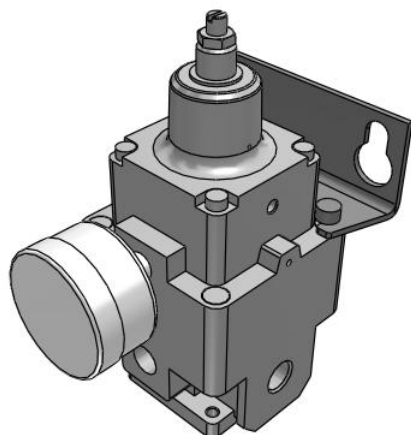


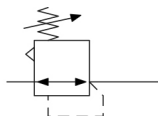


IR1000~3000, Precision Regulator IR3120-F02BG

Datasheet

General series information

- Precision regulator
- Regulating pressure range (MPa): 0.005 to 0.8 depending on model
- Compact and lightweight
- Bracket & pressure gauge can be mouted on either the front or back
- 2 air operated models



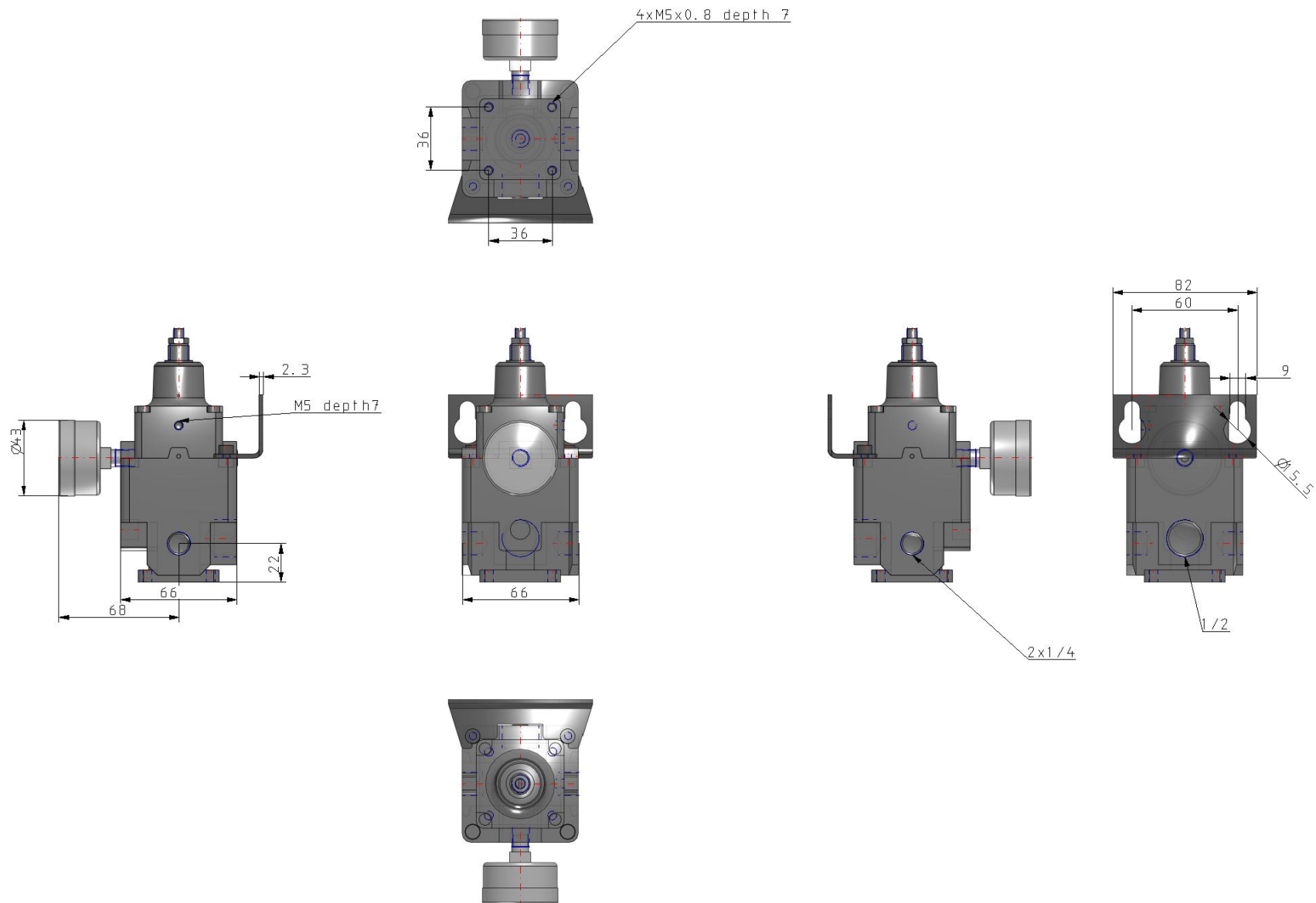
Pressure control valve, relieving pressure
regulator, adjustable

Standard specifications

Body Size	3 (IR3000)
Type of Setting	1 (Air Operated [Series IR2000/IR3000 Only])
Set Pressure	2 (0.01~0.8MPa [IR1000/2000] or 0.01~0.8MPa [IR3000])
Thread	F [G(PF)]
Port Size	02 (1/4 [IR2000/3000])
Accessory	BG (B + G)
Suffix 1	Standard
Suffix 2	None
Made to Order	None
Switch Specifications	None
-	Air
Maximum operating pressure	1.0 MPa
Minimum operating pressure	+0.1 Mpa
Sensitivity	Within 0.2% of full span
Repeatability	Within 0.5% of full span
Set pressure range	0.01 - 0.8 MPa
Linearity	Within 1% of full span
Air consumption (At supply pressure of 1.0 MPa)	11.5 l/min (ANR) or less

Input signal pressure	0.01 - 0.8 Mpa
Weight	0.850 Kg

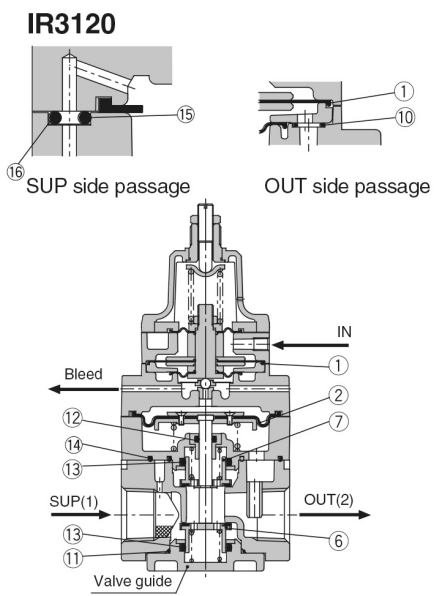
Dimensions



Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Constructions

Construction



Replacement Parts

No.	Description	Material	IR3120	
			Part no.	Qty.
1	Diaphragm assembly	NBR, other	P362020-13	1
2	Diaphragm assembly	NBR, other	P362030-1	1
3	Diaphragm	NBR, other	—	—
4	Valve	Stainless steel, NBR	—	—
5	Valve	Stainless steel, NBR	—	—
6	Valve	Brass, NBR	P36203009#1	1
7	Valve	Brass, NBR	P36203010#1	1
8	Damper	NBR, other	—	—
9	O-ring	H-NBR	—	—
10	O-ring	NBR	ø4.5 x 1	1
11	O-ring	NBR	ø27.8 x 1.5	1
12	O-ring	NBR	JISB2401P5 Note)	1
13	O-ring	NBR	JISB2401P16 Note)	2
14	Seal (A)	NBR	P36203015	1
15	Seal (B)	NBR	P36203016	3
16	Fixed throttle	Stainless steel	P36203017	1
Repair kit no. (A set of above nos. ① to ⑮.)			KT-IR3120	

Note) Use mini-flick type.

Specifications are subject to change without prior notice and any obligation on the part of the manufacturer.

Additional information

Catalogue [IR1000-2000-3000-B_EU.pdf](#)

Operation manuals [OM_IR30-OM00002EN-F.pdf](#)
[IR10-OM00006_GB.pdf](#)
[OM_IR20-OM00004EN-E.pdf](#)
[OM_IR20_OM00002EN-F.pdf](#)
[OM_IR10_OM00002EN-E.pdf](#)
[OM_IR30_OM00004EN-F.pdf](#)