



Air operated valve for large bore size chemical liquids

LYX Series

Large bore size PFA tube 1.5" compatible

RoHS

Export controlled items

Specifications

Item	LYX-1380	
Working fluid	Chemical liquids, pure water, air, N ₂ gas (*1)	
Fluid temperature °C	10 to 35	
Proof pressure MPa	0.8	
Working pressure (A→B) MPa	0 to 0.4	
Working pressure (B→A) MPa	0 to 0.4	
Valve seat leakage cm ³ /min	0 (water pressure)	
Back pressure MPa	0 to 0.4	
Ambient temperature °C	5 to 35	
Frequency	4 cycle/min. or less	
Mounting orientation	Horizontal direction with the actuator on top or vertical direction	
Connection	OD1 1/2" Super 300 Pillar fitting P Series 1 1/2"×1 21/64" tube connection	
Orifice size	ø40	
Cv value	24	
Operating section	Operating pressure MPa	0.5 to 0.6
	Operating port	Rc1/8
Weight kg	6.1	

*1: Check the compatibility of product structural materials, working fluids and atmosphere.

How to order

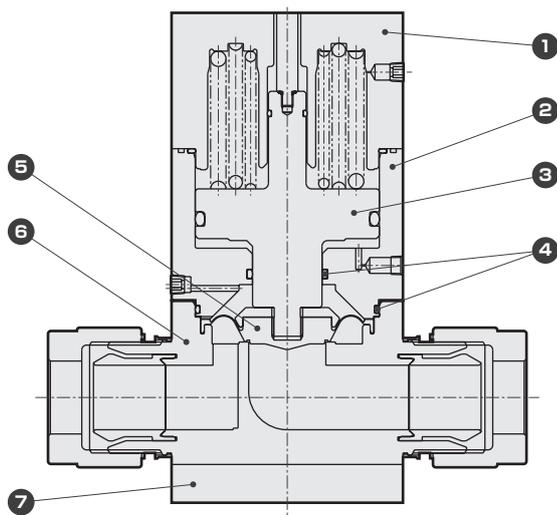
LYX - **1380** - 12BJ - **M**

Model No. ① Working Fluid

Code	Description
① Fluid	
Blank	Standard
M	For ammonia

Internal structure and parts list

●LYX-1380



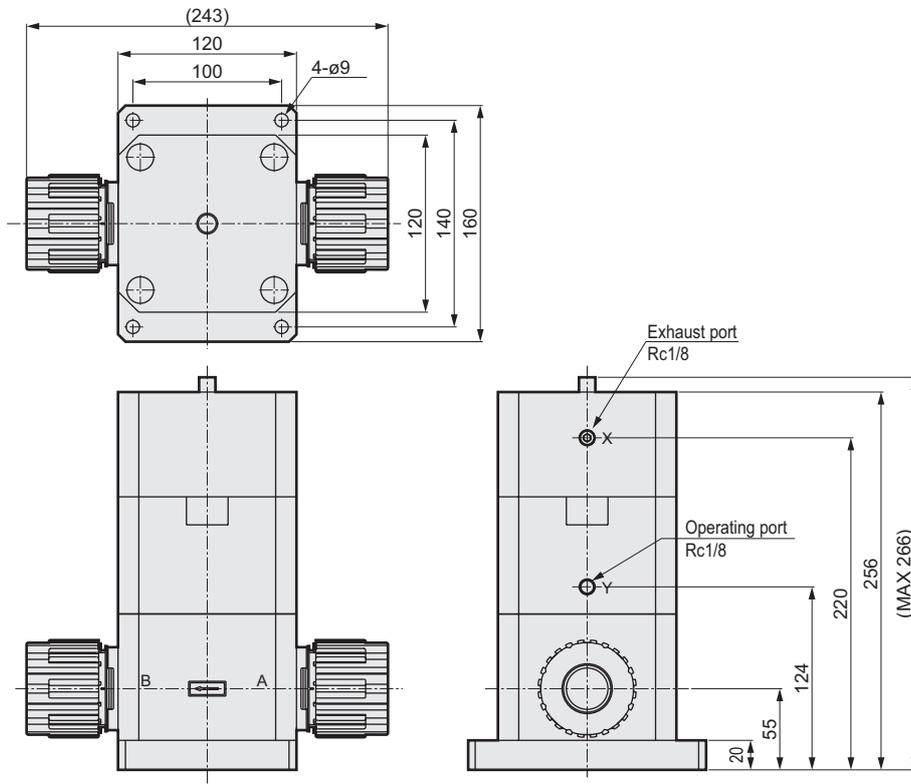
Part No.	Part name	Material (by fluid code)	
		Standard	M
1	Cover	PP	
2	Cylinder	PP	
3	Piston rod	PP	
4	O-ring	FKM	EPDM
5	Diaphragm	PTFE	
6	Body	PTFE	
7	Mounting plate	PP	

The material and structure may vary depending on the model number. Contact CKD for details.

⚠ Always read the precautions on Intro Pages 7 to 14 before use.

Dimensions

● Air operated valve



Part3R	Part2	Part1	High pressure	Metals-free	Large bore size	Polyvinyl chloride	Drainage	Part3RR	Part2	High pressure	Metals-free	Large bore size	Single unit	Air operated integrated	Regulator	Pilot	Manual	Electric	Manual	Manual Fine flow rate	Fine level Switch	Related products
Air operated valve								Manual valve														