

Large bore size Manual valve for chemical liquids

LYX Series

Large bore size PFA tube 1.5" compatible

RoHS

Export controlled items

Specifications

Item	LYX-1381	
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	
Mounting orientation	Unrestricted	
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	5.3	

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

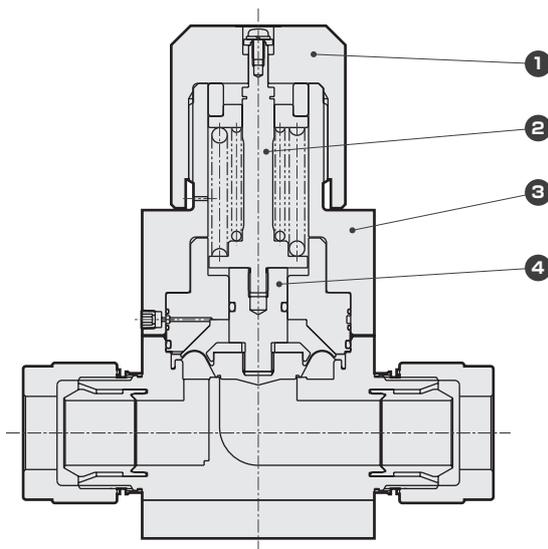
How to order



Code	Description
① Fluid	
Blank	Standard
M	For ammonia

Internal structure and parts list

●LYX-1381



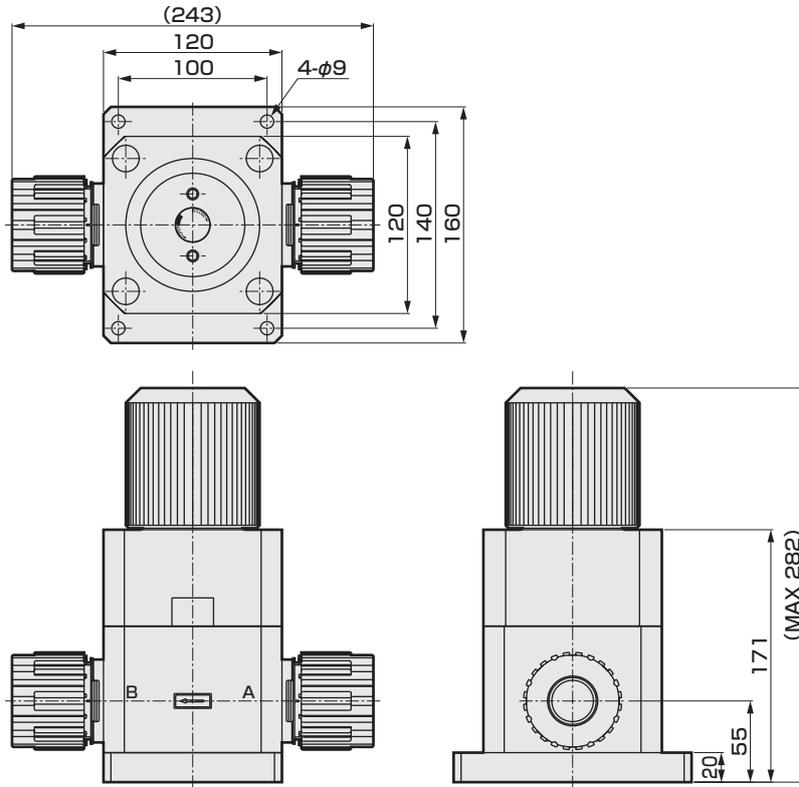
Part No.	Part name	Material (by fluid code)	
		Standard	M
1	Knob	PE	
2	Shaft	SUS304 (with fluoro resin coating)	
3	Cover	PP	
4	Rod	PP	

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

● Manual valve



Part3R	Part2	Part1	High pressure	Metals-free	Large bore size	Polyvinyl chloride	Drainage	Part3RN	Part2	High pressure	Metals-free	Large bore size	Single unit	Air operated Integrated	Pilot	Manual	Electric	Manual	Manual Fine flow rate	Fine level Switch	Related products
Air operated valve								Manual valve				Drip prevention valve		Regulator		Flow rate adjusting valve					