

LAB COCK

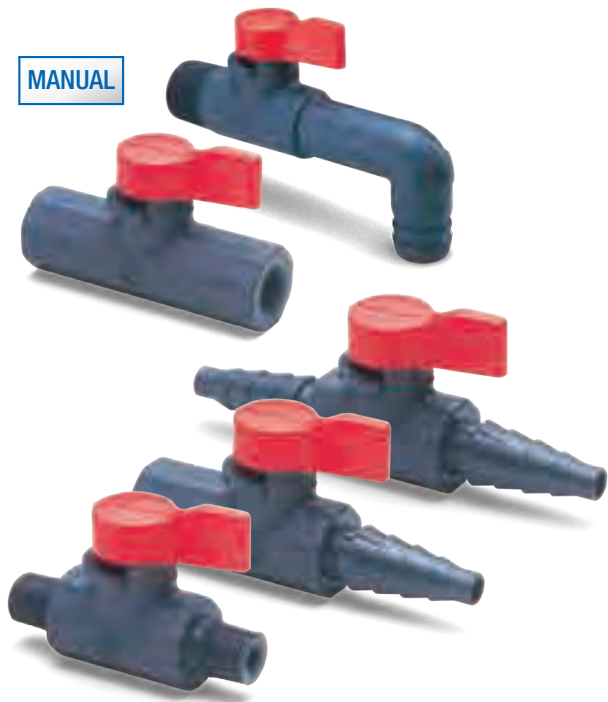
- LIGHT-WEIGHT AND COMPACT PLASTIC VALVE WITH EXCELLENT CORROSION RESISTANCE, FLOW CHARACTERISTICS, DURABILITY AND FUNCTIONALITY
- WIDE SELECTION FROM A PRODUCT LINE OF 16 TYPES
- OCTAGON BODY ALLOWING FOR EASY PIPING WITH SPANNER
- FLOW CONTROL IS AVAILABLE.

BASIC SPECIFICATIONS

VALVE TYPE — LAB COCK
BODY MATERIAL — U-PVC
SEAL MATERIAL / SEAT — PTFE EPDM etc.
O-RING — EPDM FKM etc.
HIGH PURITY SERIES — LUBRICANT FREE

	FLUID TEMPERATURE	MAXIMUM WORKING PRESSURE (NORMAL TEMPERATURE) MPa(kg/cm ²)	CONNECTION METHOD
U-PVC	0°C ~ 50°C	1.0 {10.2}	Hose type, Male thread type, Female thread type (Any combination is available.)

NOTE (1) Degreased type is also available by made-to-order. (2) The maximum working pressure is the value including the water hammer pressure. Be careful that the maximum working pressure is not exceeded during use.
* Concerning the allowable pressure for each temperature and material, see the technical documents at the end of this catalog.

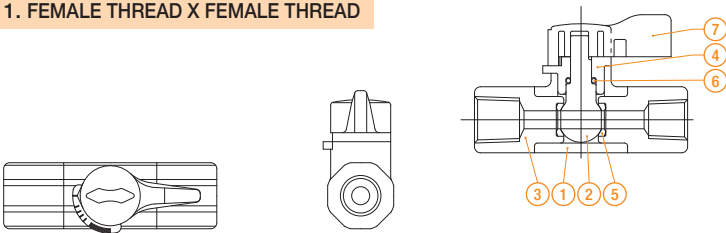


MANUAL

PARTS LIST

MANUAL

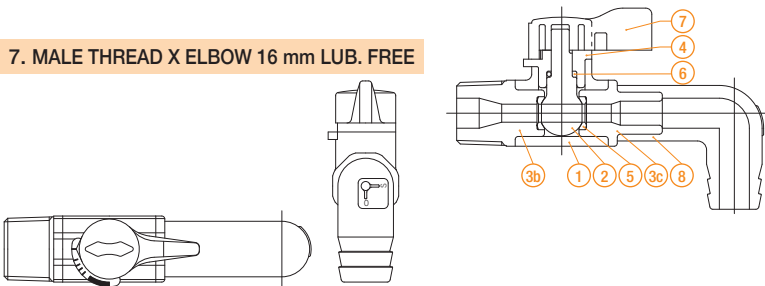
1. FEMALE THREAD X FEMALE THREAD



PART NO. / NAME	QTY	MATERIAL
① BODY	1	U-PVC
② BALL STEM	1	U-PVC
③ END CONNECTOR	2	U-PVC
④ STEM HOLDER	1	U-PVC
⑤ SEAT*	2	EPDM, PTFE, etc.
⑥ O-RING	1	EPDM, etc.
⑦ HANDLE	1	ABS

* For degreased type, PTFE only.

7. MALE THREAD X ELBOW 16 mm LUB. FREE



PART NO. / NAME	QTY	MATERIAL
① BODY	1	U-PVC
② BALL STEM	1	U-PVC
③b END CONNECTOR	1	U-PVC
③c END CONNECTOR	1	U-PVC
④ STEM HOLDER	1	U-PVC
⑤ SEAT	2	PTFE
⑥ O-RING	1	EPDM, etc.
⑦ HANDLE	1	ABS
⑧ ELBOW	1	U-PVC

* Standard products are degreased.

PRODUCT MODEL CODE LIST

MANUAL

ACTUATION	TYPE	OPERATING SYSTEM	BODY MATERIAL	SEAL MATERIAL	STANDARD	CONNECTION	HIGH PURITY SERIES
V	LC	LV	U	*	*	****	1
V	LC	LV	U	E EPDM V FKM 1 PTFE/EPDM	J JIS D DIN A ANSI	SEE CONNECTION P.66.	1 LUBRICANT FREE

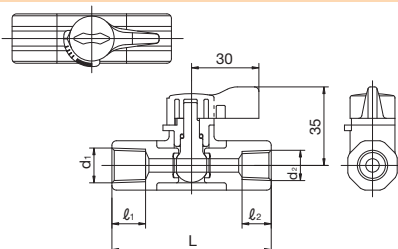
LAB COCK

TYPE—VLCLV

CONNECTION / MALE THREAD, FEMALE THREAD, HOSE—JIS, DIN, ANSI

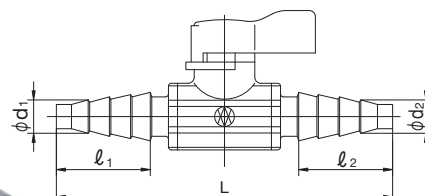
1. Female thread x Female thread

- 1/4 female thread x 1/4 female thread
- 3/8 female thread x 1/4 female thread
- 3/8 female thread x 3/8 female thread



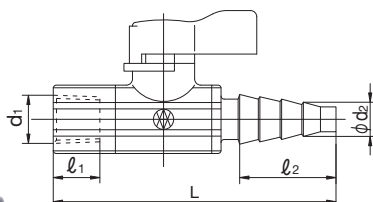
2. Hose x Hose

- Hose x Hose



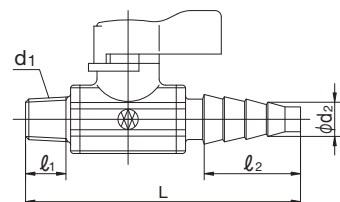
3. Female thread x Hose

- 1/4 female thread x Hose
- 3/8 female thread x Hose



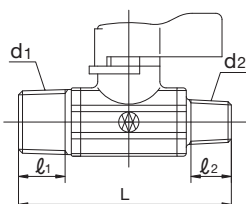
4. Male thread x Hose

- 1/4 male thread x Hose
- 1/2 male thread x Hose



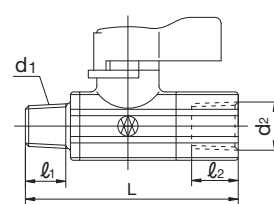
5. Male thread x Male thread

- 1/4 male thread x 1/4 male thread
- 1/2 male thread x 1/4 male thread
- 1/2 male thread x 1/2 male thread



6. Male thread x Female thread

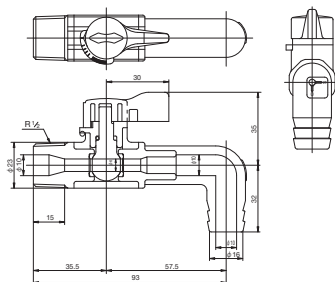
- 1/4 male thread x 1/4 female thread
- 1/4 male thread x 3/8 female thread
- 1/2 male thread x 1/4 female thread
- 1/2 male thread x 3/8 female thread



7. Male thread x Elbow 16 mm degreased

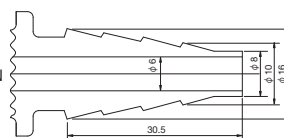
- 1/2 male thread x Elbow 16 mm

* Standard products are LUB. FREE.

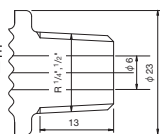


CONNECTION CONNECTOR

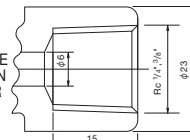
HOSE TYPE
CONNECTION
CONNECTOR



THREAD TYPE
CONNECTION
CONNECTOR



FEMALE
THREAD TYPE
CONNECTION
CONNECTOR



	CONNECTION	JIS					DIN					ANSI				
		d1	d2	l1	l2	L	d1	d2	l1	l2	L	d1	d2	l1	l2	L
1. Female thread x Female thread	N4N4	Rc 1/4	Rc 1/4	15	15	71	Rp 1/4	Rp 1/4	15	15	71	1/4-18NPT	1/4-18NPT	0.51	0.51	2.80
	N8N4	Rc 3/8	Rc 1/4	15	15	71	Rp 3/8	Rp 1/4	15	15	71	3/8-18NPT	1/4-18NPT	0.59	0.51	2.80
	N8N8	Rc 3/8	Rc 3/8	15	15	71	Rp 3/8	Rp 3/8	15	15	71	3/8-18NPT	3/8-18NPT	0.59	0.59	2.80
2. Hose x Hose	H0H0	10	10	30.5	30.5	111	10	10	30.5	30.5	111	0.39	0.39	1.20	1.20	4.37
	N4H0	Rc 1/4	10	15	30.5	91	Rp 1/4	10	15	30.5	91	1/4-18NPT	1/4-18NPT	0.39	0.51	1.20
3. Female thread x Hose	N8H0	Rc 3/8	10	15	30.5	91	Rp 3/8	10	15	30.5	91	3/8-18NPT	1/4-18NPT	0.39	0.51	1.20
												3/8-18NPT	3/8-18NPT	0.59	0.59	2.80
4. Male thread x Hose	O4H0	R 1/4	10	13	30.5	88.5	R 1/4	10	13	30.5	88.5	1/4-18NPT	1/4-18NPT	0.39	0.51	1.20
	O2H0	R 1/2	10	15	30.5	91	R 1/2	10	15	30.5	91	1/2-14NPT	1/4-18NPT	0.39	0.59	1.20
5. Male thread x Male thread	O4O4	R 1/4	R 1/4	13	13	66	R 1/4	R 1/4	13	13	66	1/4-18NPT	1/4-18NPT	0.51	0.51	2.60
	O2O4	R 1/2	R 1/4	15	13	68.5	R 1/2	R 1/4	15	13	68.5	1/2-14NPT	1/4-18NPT	0.59	0.51	2.70
	O2O2	R 1/2	R 1/2	15	15	71	R 1/2	R 1/2	15	15	71	1/2-14NPT	1/2-14NPT	0.59	0.59	2.80
6. Male thread x Female thread	O4N4	R 1/4	Rc 1/4	13	15	68.5	R 1/4	Rp 1/4	13	15	68.5	1/4-18NPT	1/4-18NPT	0.51	0.51	2.70
	O4N8	R 1/4	Rc 3/8	13	15	68.5	R 1/4	Rp 3/8	13	15	68.5	1/4-18NPT	3/8-18NPT	0.51	0.59	2.70
	O2N4	R 1/2	Rc 1/4	15	15	71	R 1/2	Rp 1/4	15	15	71	1/2-14NPT	1/4-18NPT	0.59	0.51	2.80
	O2N8	R 1/2	Rc 3/8	15	15	71	R 1/2	Rp 3/8	15	15	71	1/2-14NPT	3/8-18NPT	0.59	0.59	2.80
7. Male thread x Elbow	O2LO1	R 1/2	16	15	32	93	-	-	-	-	-	1/2-14NPT	0.63	0.59	1.26	3.66