UHS series Shut-off Valve (OSHA)

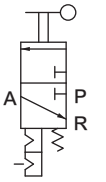
Product features/ Code of order

CHELIC

Feature

- Comply with OSHA specifications.
- With lock hole, display window, visualization of air supply and exhaust status to avoid wrong actions when use double action press down to open air supply.
- Modulization with U series.

Symbol:



Specification

Item \ Model		UHS 200	UHS 300	UHS 400	UHS 500
Fluid		Air			
Port size	Rc	1/8, 1/4	1/4, 3/8	1/4, 3/8, 1/2	3/4
Pressure range	kgf/cm²(kPa)	0.5 ~ 8.5 (50 ~ 850)			
Max. service pressure	kgf/cm²(kPa)	10 (1000)			
Ambient and fluid temperature	°C	5 ~ 60			
Rotation angle	°	90			
Number of position ports		3 port 2 way			
Material	Body	Aluminum alloy die-casting			
Weight	kg	0.11	0.15	0.32	0.34

Code of order

UHS 400 – 03 – □ – □ – □

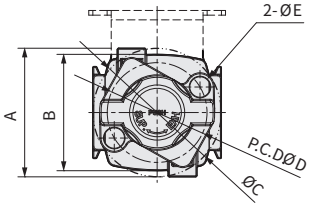
1 2 3 4 5

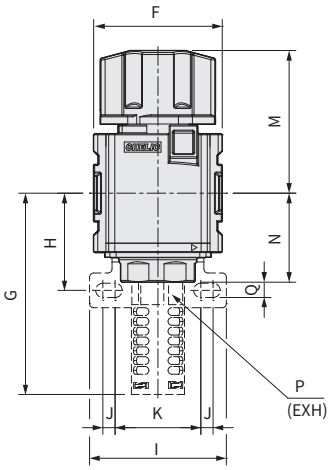
	Item	Mark	Specification	Model			
				UHS 200	UHS 300	UHS 400	UHS 500
2	Connection port	01	1/8	●	—	—	—
		02	1/4	●	●	●	—
		03	3/8	—	●	●	—
		04	1/2	—	—	●	—
		06	3/4	—	—	—	●
3	Thread type	None	RC	●	●	●	●
		G	PF	●	●	●	●
		N	NPT	●	●	●	●
4	Silencer	None	without silencer	●	●	●	●
		P	Silencer	●	●	●	●
5	Bracket	None	No bracket	●	●	●	●
		C	Bracket	●	●	●	●

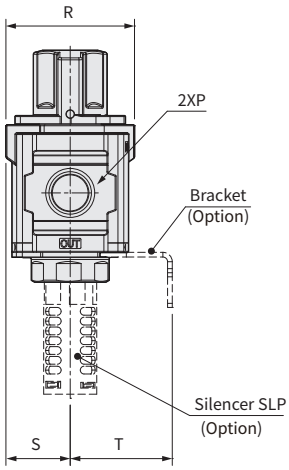
OSHA (Occupational Safety and Health Administration)

1. If a third party inadvertently operates the valve during such operation and compressed air is applied, the cylinder, etc.,could move suddenly and injure personnel.
   This standard states that, "All valves used for such purposes shall have a key or a structure which can be locked with a key."
2. When servicing or maintaining machinery, the air source shall be closed with a shut-off valve (lockout valve), and residual pressure shall be discharged.

UHS 200 ~ 500







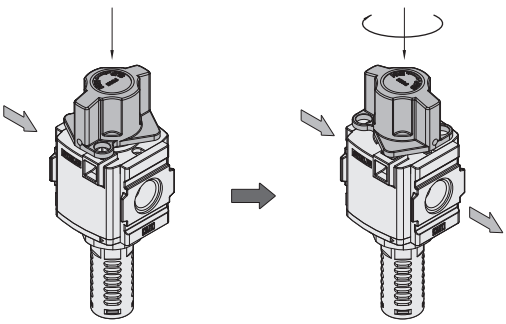
Unit : mm

Mark / Model	A	B	C	D	E	F	G	H	I	J	K	M	N	Q	R	S	T	Port thread
																		P
UHS 200	42.9	40	45	35	6	45	59.8	34	50	2.4	35.2	53	35	5.4	42.9	21.5	30	1/8, 1/4
UHS 300		46	45	35	6	50	67.4	38.1	54	6.5	29	53.7	40.4	6.5	46	23	41	1/4, 3/8
UHS 400	63	57	62.9	48.9	10	63	98.6	47.6	67	6	42	69.9	43.6	7	63	31.5	50	1/4, 3/8, 1/2
UHS 500	63	57	62.9	48.9	10	67	103.8	48.2	67	6	42	74.6	44.2	7	63	31.5	50	3/4

Two operation expression

1.Press down the handle

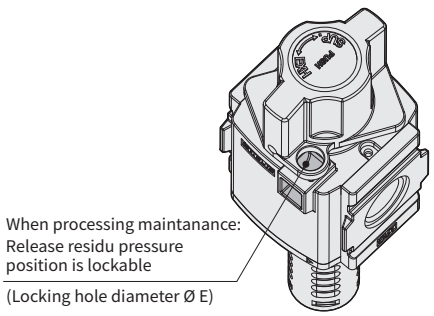
2.Turn the handle in 90°



Under closed status

Under air supply status

Locking expression



UHS series Shut-off Valve (OSHA)

Combination example/ Accessory

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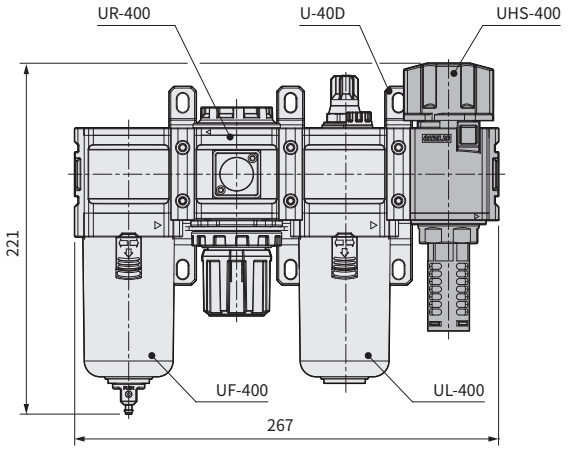
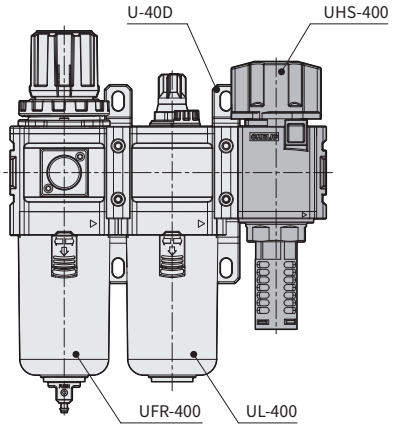
UC 400 + UHS 400

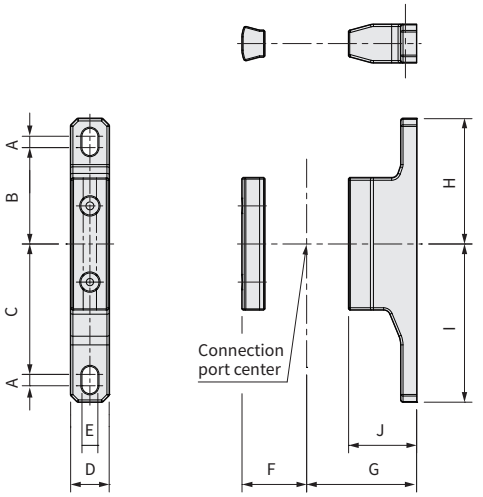


UFC 400 + UHS 400



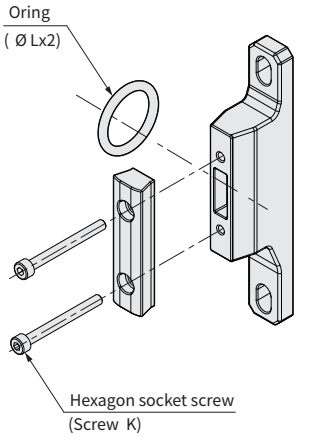
U 20D.U 30D.U 40D type

Applicable to U200 ~ 500



U-D Modularize kit

Assembly diagram

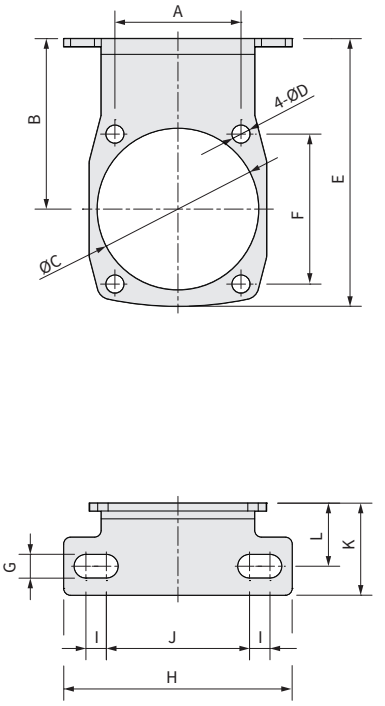


Unit: mm

Mark / Model	A	B	C	D	E	F	G	H	I	J	K	L
U 20D	2.5	32	35.5	10	4.5	18	30	39.4	42.9	19	M3x0.5Px33L	15.8x1.3
U 30D	5	37	47	14	4.5	26.5	38	47	57	19.5	M4x0.7Px50L	20.8x2
U 40D	5	42.5	57.5	17	7	28.5	48.5	55.3	69.8	30	M4x0.7Px50L	20.8x2
U 50D	5	45.6	54.6	21	7	28.5	48.5	58.3	67.3	30	M4x0.7Px50L	28x2

UHS-20C.UHS-30C.UHS-40C Type

Applicable to UHS 200 ~ UHS 500



Unit : mm

Model \ Mark	A	B	C	D	E	F	G	H	I	J	K	L
UHS-20C	27.2	30	32.3	3	50	28.4	5.4	50	2.4	35.2	18	13
UHS-30C	29	41	32.3	5	64	34.4	6.5	54	6.5	29	19	13
UHS-40C	37	50	47.5	5.4	78.5	44	7	67	6	42	27	18.5

Note：UHS-40 bracket for UHS 400 and UHS 500.