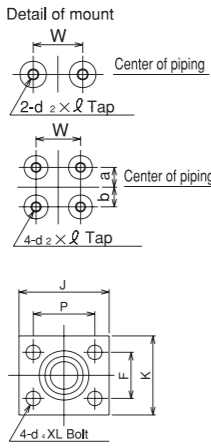


1. Maximum operating pressure: 21 MPa
Impulse test: 21 MPa x 10⁷ times
2. Easy to replace elements for upward removal.
3. Elements are common to all "U" Series (UL, UM, UH).
4. Piping method is common to thread type and flange type. Companion flange is available in additional option.
5. Flow direction can be changed by turning Cover-ASSY 180 degrees.
6. Please contact us for use of fluids other than mineral oil on packing, O-rings and other parts.

Element Type	Max. differential pressure of element	Option	
		Indicator pressure (All red)	Relief valve opening pressure
Standard	0.7MPa	0.3MPa	0.35MPa
High differential pressure	21MPa	0.7MPa	—

Part List

Part No.	Part Name	Material	Qty	Remarks
22	O-ring	NBR	1	JISB 2401. 1A
21	O-ring	NBR	1	JISB 2401. 1A
20	Indicator	SUS303	1	
19	Cap bolt	SCM435	8	Option
18	Companion flange	SS400	2	
17	O-ring	NBR	2	JISB 2401. 1B
16	O-ring	∕	1	JISB 2401. 1A
15	O-ring	∕	1	1A
14	O-ring	∕	1	1B
13	O-ring	∕	1	1B
12	O-ring	NBR	1	1A
11	Backup ring	PTFE	1	JISB 2407. T3
10	O-ring	NBR	1	JISB 2401. 1B
9	Cap bolt	SCM435	4	
8	G3/8 drain plug	SCM435	1	UH-10A~16A: G1/2
7	Spring holder	SS	1	
6	Spring	SWPA	1	Option
5	Relief valve	SECC	1	
4	Element		1	
3	Inlet	ADC12	1	
2	Cover	FCD500	1	
1	Body	FCD500	1	



Element and O-ring

Part No.	Model	10	11	12	13	14	15	16	17	21	22	Element	
												h1	d1
	UH-03A	G-70	FOR G-70	G-30	AS568-123 (Hs90°)	P-14		∕	G-30		G-40	85.3	62.2
	UH-04A	G-70	FOR G-70	G-40	AS568-130 (Hs90°)	P-14		∕	G-40		G-40	155.3	62.2
	UH-06A	G-95	FOR G-95	G-55	AS568-139 (Hs90°)	P-18	P-14	∕	G-55		G-25	204.5	82.2
	UH-10A	G-95	FOR G-95	G-55	AS568-139 (Hs90°)	P-18	P-14	∕	G-55		G-45	204.5	82.2
	UH-12A	G-110	FOR G-110	G-65	AS568-145 (Hs90°)	P-18		∕	G-70		G-45	254.5	102.2

※※H₃ height of indicator: Model I...36, Model E...91 Add this height to the element allowance E. ※1 Only when the high pressure element is used, the backup ring is attached.

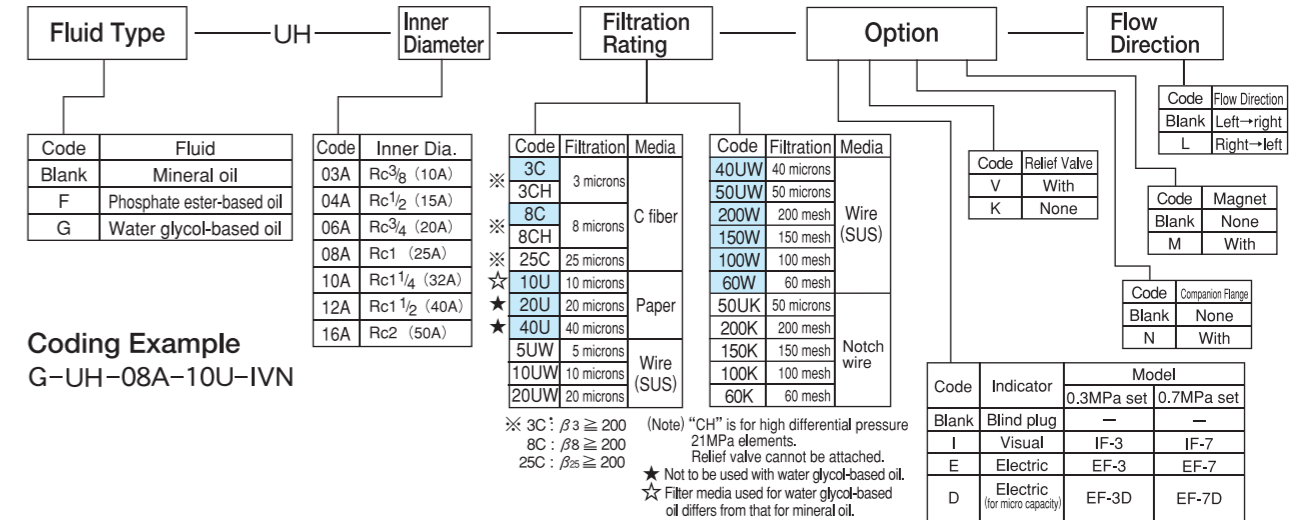
Dimensions and Standard Flow Rates

Model	Symbol	d	H	H ₁	H ₂	A	B	C	D	W	a	b	d ₂ × ℓ	Element Allowance E	Companion Flange (Option)								Mass kg ※	Standard Flow Rate (ℓ / min)
															d ₃	S	T	P	F	J	K	d ₄ × ℓ		
UH-03A	Rc ³ / ₈	206	60	146	120	116	61	92	45	∕	∕	∕	M10×15	200	17.8	11	21	48	24	70	52	M10×35	10.0	33
UH-04A	Rc ¹ / ₂	206	60	146	120	116	61	92	45	∕	∕	∕	M10×15	200	22.2	11	21	48	24	70	52	M10×35	10.0	55
UH-06A	Rc ³ / ₄	287	65	222	125	116	61	92	45	∕	∕	∕	M10×15	290	27.7	14	27	56	42	82	72	M12×45	12.2	106
UH-08A	Rc1	287	65	222	125	116	61	92	45	∕	∕	∕	M10×15	290	34.5	14	27	56	42	82	72	M12×45	12.2	125
UH-10A	Rc1 1/4	374	81	293	170	151	78	122	60	20	25	∕	M10×15	375	43.2	16	31	74	52	102	88	M16×55	25.4	213
UH-12A	Rc1 1/2	374	81	293	170	151	78	122	60	20	25	∕	M10×15	375	49.1	16	31	74	52	102	88	M16×55	25.4	238
UH-16A	Rc2	457	91	366	180	170	90	147	74	20	30	∕	M12×17	450	61.1	19	37	90	60	124	100	M18×60	36.6	433

※Mass(kg) does not include companion flange.

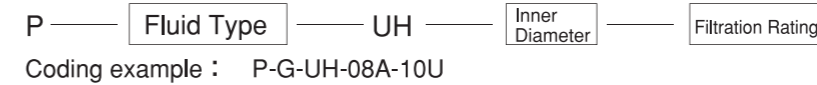
Quick delivery of filters in with mineral oil use. Please contact us on delivery time for others.

Model Code

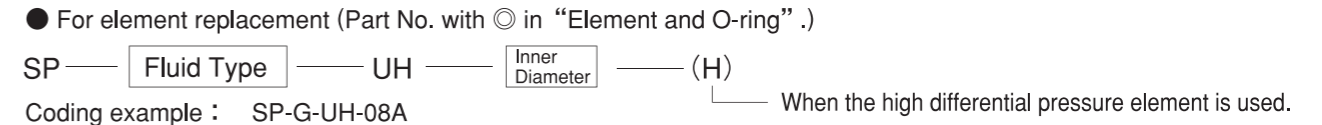


Spares

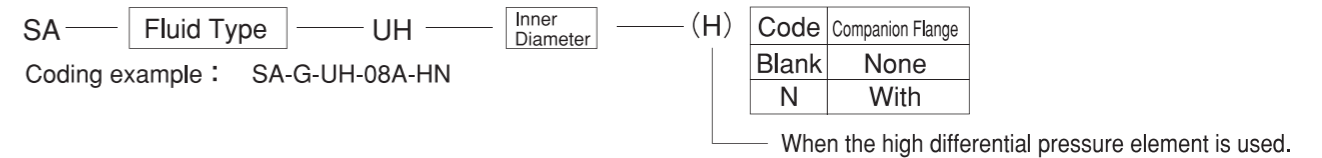
Element



Sealing parts set



● For overhaul



Flow Rate Chart

- ISO VG32
- Viscosity: 32 cSt (40°C)

Common to Models UL, UM and UH
(Except for UH-20 and UH-24)

