



1. Maximum operating pressure: 35 MPa
Impulse test: 35 MPa x 10⁷ times
2. T connection. Element removal is downward.
3. Model 3501: G female thread
Model 3502: SAE J518C, Code 61 equivalent flange
4. Please contact us for use of fluid other than mineral oil on packing, O-rings and other parts.

Element Type	Element Max. Differential Pressure	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
17	Cap bolt	SCM435	8	3502 only
16	Companion flange	S25C	2	
15	O-ring	NBR	2	AS568
14	Nameplate		1	
13	Backup ring	Teflon	1	JISB 2407. T3
12	O-ring	NBR	1	JISB 2401. 1A
11	O-ring	NBR	1	JISB 2401. 1B
10	O-ring	NBR	1	JISB 2401. 1B
9	O-ring	NBR	1	JISB 2401. 1A
8	O-ring	NBR	1	JISB 2401. 1B
7	Indicator		1 set	Option
6	Relief valve		1 set	
5	Drain plug	SCM435	1	
4	Spring	SWPA	1	
3	Element		1	
2	Lower case	S45C	1	
1	Body	FCD500	1	

O-ring and Backup Ring

Part No.	8	9	10	11	12	13
Model	G-80	※1 P-32 With backup ring	P-11	P-18	P-14	For G-80 (Endless)

※1 Backup ring is included for use of high differential pressure element only.

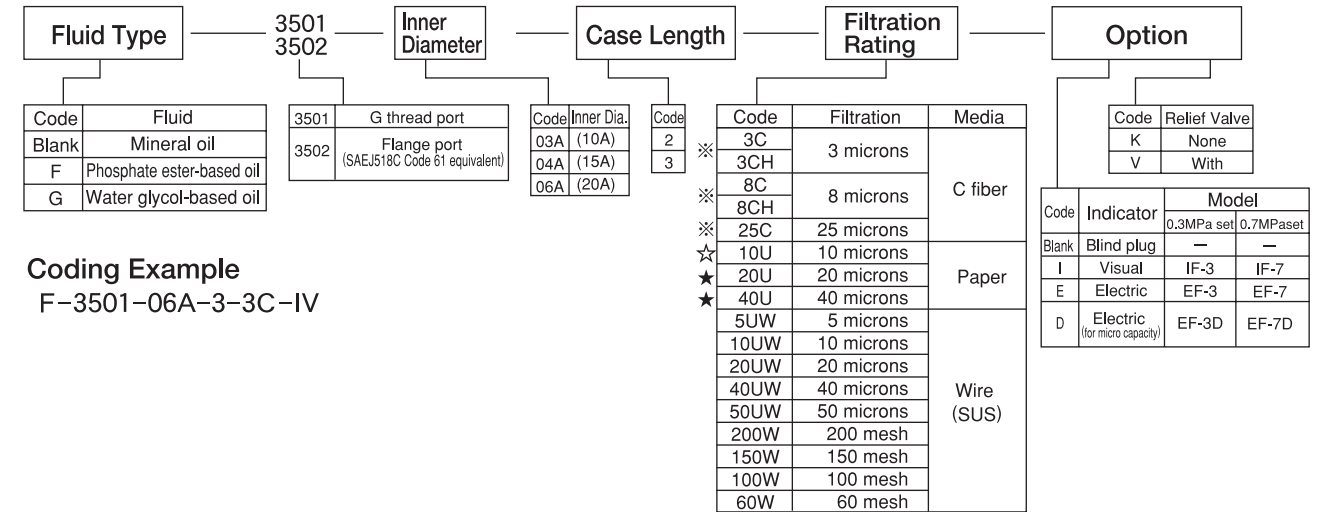
O-ring for Companion Flange

Part No.	15
Model	3502-03A 04A
	AS568-210
	3502-06A
	AS568-214

Dimensions and Standard Flow Rates

Symbol	Inner Dia.		L	Q ₁	A	Q	F	G	T	t	P	C	d _s	Mass (kg)		Standard Flow Rate (ℓ/min)
	d ₁	d ₂												Assy	Lower case	
3501-03A-2	G ³ / ₈	—	196	32	110	115	11	14	—	—	—	—	—	6.3	—	35
3501-04A-2	G ¹ / ₂	—												2.6	—	55
3502-03A-2	—	10A												—	—	35
3502-04A-2	—	15A												—	—	55
3501-03A-3	G ³ / ₈	—	268	35	120	182	10	15	—	—	—	—	7.4	—	35	
3501-04A-3	G ¹ / ₂	—											3.7	—	55	
3502-03A-3	—	10A											—	—	35	
3502-04A-3	—	15A											—	—	55	
3501-06A-2	G ³ / ₄	—	203	35	120	182	10	15	—	—	—	—	6.4	—	100	
3502-06A-2	—	20A											2.6	—	100	
3501-06A-3	G ³ / ₄	—											3.7	—	100	
3502-06A-3	—	20A											8.6	—	100	

Model Code

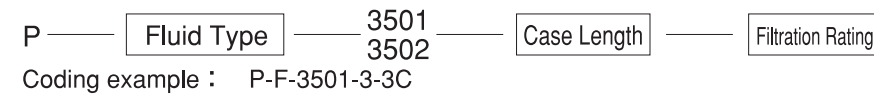


Coding Example
F-3501-06A-3-3C-IV

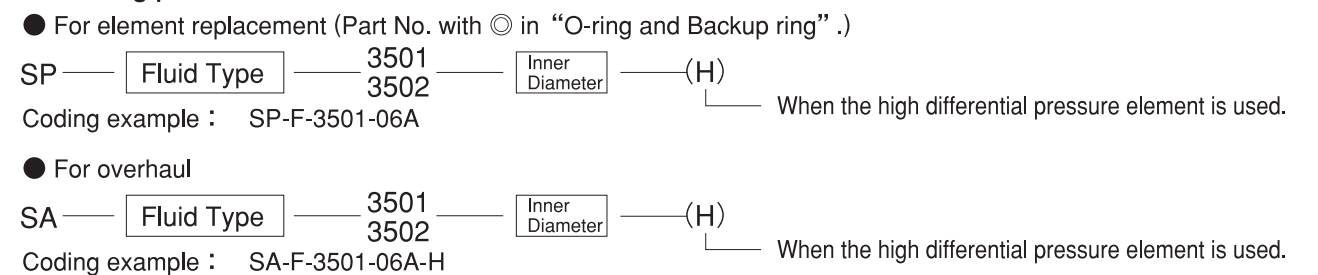
※ 3C : β₃ ≥ 200 (Note) "CH" is for high differential pressure 21MPa elements. Relief valve cannot be attached.
8C : β₈ ≥ 200
25C : β₂₅ ≥ 200
★ Not to be used with water glycol-based oil.
☆ Filter media used for water glycol-based oil differs from that for mineral oil.

Spares

Element



Sealing parts set



Flow Rate Chart

● ISO VG32 ● Viscosity: 32 cSt (40°C)

