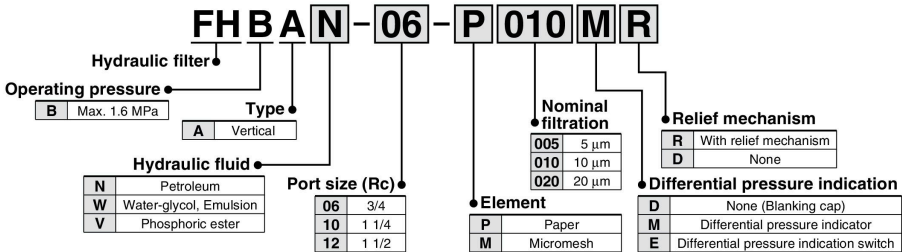


How to Order

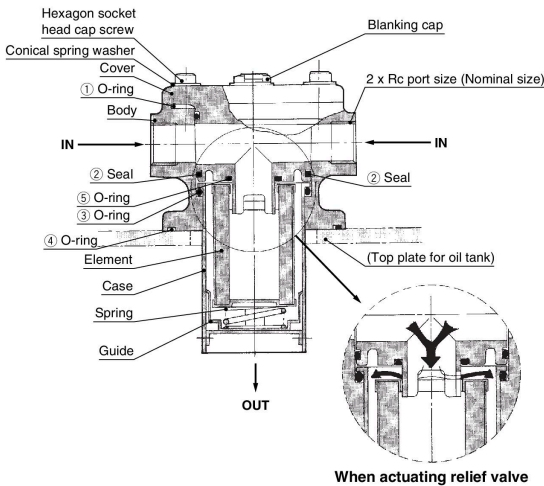


Replacement Element Part No.

Port size (Nominal size)	Paper			Micromesh			Element size
	5 μm	10 μm	20 μm	5 μm	10 μm	20 μm	
06 (3/4 ^B)	EP001H-005N	EP001H-010N	EP001H-020N	EM601H-005N	EM601H-010N	EM601H-020N	ø56 x 180
10 (1 1/4 ^B)	EP101H-005N	EP101H-010N	EP101H-020N	EM701H-005N	EM701H-010N	EM701H-020N	ø76 x 190
12 (1 1/2 ^B)	EP201H-005N	EP201H-010N	EP201H-020N	EM801H-005N	EM801H-010N	EM801H-020N	ø76 x 290

Note 1) The symbol at the end of the element part no. indicates the hydraulic fluid type. N: Petroleum, Phosphoric ester, W: Water-glycol, Emulsion.
 Note 2) Above elements require one element per filter.

Construction/Seal List



Handling Precautions

① Mounting

- Confirm the IN orientation before mounting. Then connect so that the case is oriented downward. For maintenance, make sure to provide sufficient space above the filter for removing the element.
- The filter has two IN ports. If one is not used, it must be covered with a plug or the like.
- Before mounting the filter on the oil tank, confirm that ④ the O-ring (see "Construction") is installed on the body.
- Ensure that the opening in the case (OUT) is always below the fluid surface. Air could leak into the system if the fluid level drops below the outlet opening.

② Operation

- The hydraulic fluid used becomes high viscosity when the temperature is low during the winter, etc., and the differential pressure indicator or the switch may activate. If this occurs, wait until the oil temperature rises by a warm-up operation, then check if this is caused by clogging.
- Once the differential pressure indicator is triggered, the indication continues to be displayed until the indicator is reset (by depressing the reset button), even if the pump stops operating. Reset after replacing the element and restarting operation, or after normal operation starts in cold weather such as during winter.
- When using a differential pressure indication switch and if a filter clogged signal is incorporated into the sequence circuit of the machine, make sure to design the system so the filter clogged signal does not operate until normal operation starts.

③ Element replacement

- When the pressure difference reaches 0.18 MPa during filter operation (actuating the differential pressure indicator), stop operation, and replace the paper element or wash the micromesh element. If the micromesh element has reached the end of its service life, replace it.
- When replacing the element, check the O-rings and replace them if they are damaged.
- When using the micromesh element, do not wipe it using a stiff brush or rag.

Replacement O-ring/Seal List (One each of the seal and O-ring types listed below are required per filter.)

Port size	Applicable hydraulic fluid	Material	① O-ring	② Seal	③ O-ring	④ O-ring	⑤ O-ring
			order no. (Nominal size)	order no.	order no. (Nominal size)	order no. (Nominal size)	order no. (Nominal size)
06	Petroleum, Water-glycol, Emulsion	NBR -70	KA00465 (G80)	AL-206H	KA00463 (G65)	KA00465 (G80)	KA00470 (P28)
			KA00453 (G105)	AL-207H	KA00793 (G85)	KA00453 (G105)	KA00244 (P42)
06	Phosphoric ester	FKM-70 or EPDM-70	KA00702 (G80)	AL-206H-V	KA00614 (G65)	KA00702 (G80)	KA00717 (P28)
			KA00688 (G105)	AL-207H-V	KA00703 (G85)	KA00688 (G105)	KA00723 (P42)

Note 1) The material of seals (AL-206H-V to AL-207H-V) is EPDM.

Note 2) The material and nominal size notations are based on JISB2401.