



1 Non-Standard Filtration

Symbol
X0

Filter symbol (Refer to “How to Order” for each series)

Note) Made-to-order specifications (non-standard filtration rating) are available only for micromesh elements (element symbol: M).

X0

● **Made to Order**
(Non-standard filtration or
Micromesh element equipped)

Hydraulic Filter Non-Standard Filtration Replacement Element Part No.

Description	Model	Port size	Replacement element part no.		Element size
			Micromesh element	Micromesh element (With relief valve)	
Line filter	FH34 FH44 FH54 FH64 (Refer to P. 390.)	3/8, 1/2	EM040-*1*2	—	ø55 x L90
		3/4, 1	EM910-*1*2	—	ø74 x L117
		1 1/4, 1 1/2	EM140-*1*2	—	ø74 x L195
		2	EM930-*1*2	—	ø88 x L282
		2 1/2, 3	EM240-*1*2	—	ø119 x L280
Return filter	FH100 (Refer to P. 397.)	3/4, 1	EM810-*1*2	—	ø65 x L95
		1 1/4, 1 1/2	EM910-*1*2	—	ø74 x L117
		2	EM020-*1*2	—	ø88 x L157
		2 1/2, 3	EM120-*1*2	—	ø119 x L207
Oil filter	FH150 (Refer to P. 401.)	1/4, 3/8, 1/2	EM040-*1*2	—	ø55 x L90

Note) In the table above *1 indicates nominal filtration and *2 indicates hydraulic fluid type.

Nominal Filtration

Symbol (*1)	μm
003	3
005	5
010	10
020	20
040	40
074	74
105	105
149	149
270	270

Hydraulic Fluid

Symbol (*2)	Type
N	Petroleum
W	Water-glycol, Emulsion
V	Phosphoric ester