

Hydraulic Equipment Guide

Hydraulic Cylinders/CH: P.126

Nominal pressure: 3.5, 10, 16 MPa
Compact Hydraulic Cylinders

CHQ: $\varnothing 20$ to $\varnothing 100$
CHKD: $\varnothing 20$ to $\varnothing 100$
CHKG: $\varnothing 20$ to $\varnothing 100$



Nominal pressure: 3.5, 7 MPa
Hydraulic Cylinders

CHM: $\varnothing 20$ to $\varnothing 100$
CHN: $\varnothing 20$ to $\varnothing 40$



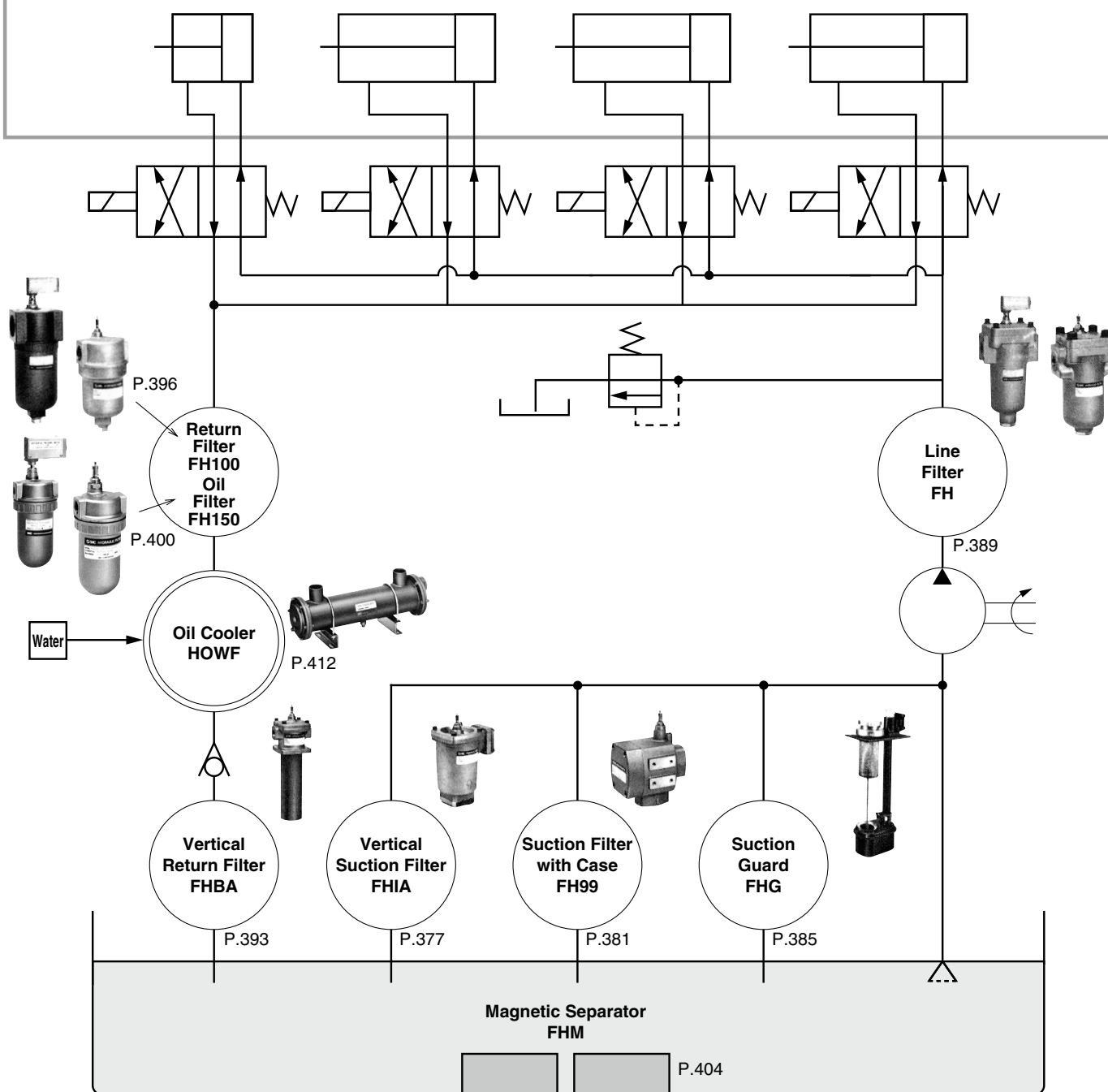
Nominal pressure: 3.5, 7, 14 MPa
JIS Standard Hydraulic Cylinders

CH2E: $\varnothing 32$ to $\varnothing 100$
CH2F: $\varnothing 32$ to $\varnothing 100$
CH2H: $\varnothing 32$ to $\varnothing 100$
CH2G: $\varnothing 32$ to $\varnothing 100$



Nominal pressure: 10, 16 MPa
ISO Standard Hydraulic Cylinders

CHSD: $\varnothing 40$ to $\varnothing 100$
CHSG: $\varnothing 32$ to $\varnothing 100$

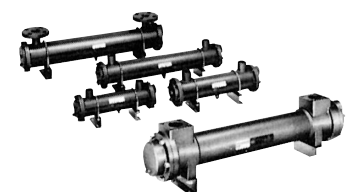


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 Hydraulic Filters	Series	Operating pressure	Port size	Element (μm) (Nominal filtration)	Accessory (Option)	Page
	Vertical Suction Filter FHIA Series	Negative pressure	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	Micromesh 74, 105, 149	Differential pressure indicator Differential pressure indication switch Blanking cap	377
	Suction Filter with Case FH99 Series	Negative pressure	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3, 3 1/2, 4	Micromesh 74, 105, 149	Differential pressure indicator Differential pressure indication switch Blanking cap	381
	Suction Guard FHG Series	Negative pressure	1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	Micromesh 74, 105, 149	Differential pressure indicator Differential pressure indication switch Air breather Cap	385
	Line Filter FH34/44/54/64 Series	3.5, 7, 14, 21 MPa	3/8, 1/2, 3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2 ^{Note 1)} , 3 ^{Note 1)}	Paper 5, 10, 20 (Micromesh) ^{Note 2)}	Differential pressure indicator Differential pressure indication switch Blanking cap	389
	Vertical Return Filter FHBA Series	1.6 MPa	3/4, 1 1/4, 1 1/2	Paper 5, 10, 20 Micromesh 5, 10, 20	Differential pressure indicator Differential pressure indication switch Blanking cap	393
	Return Filter FH100 Series	1 MPa	3/4, 1, 1 1/4, 1 1/2, 2, 2 1/2, 3	Paper 5, 10, 20 Micromesh 74, 105	Differential pressure indicator Differential pressure indication switch Blanking cap	396
	Oil Filter FH150 Series	1 MPa	1/4, 3/8, 1/2	Paper 5, 10, 20 (Micromesh) ^{Note 2)}	Differential pressure indicator Differential pressure indication switch Blanking cap Bracket	400
	Magnetic Separator FHM Series	—	—	—	—	404

Note 1) Possible with 7 MPa type (FH44) only

Note 2) Available by special order

 Water Cooled Oil Coolers	Series	Heat transfer area (inside pipe) (m ²)	Heat exchange volume (kW)	Flow rate (L/min)		Page
				Oil side	Cooling water side	
	Iron Particle Type Oil Cooler (Fixed pipe type) HOWF Series	0.077, 0.13, 0.21, 0.34 0.56, 0.83, 1.28	5.2 to 73	20 to 800	40 to 125	413