

Hydraulic Equipment Guide

Hydraulic Cylinders/CH: P.131

Nominal pressure
3.5/10/16 MPa

Compact Hydraulic Cylinders

CHQ : ø20 to ø100

CHKD : ø20 to ø100

CHKG : ø20 to ø100



Nominal pressure
3.5/7 MPa

Hydraulic Cylinders

CHM : ø20 to ø100

CHA : ø40 to ø160

CHN : ø20 to ø40



Nominal pressure
3.5/7/14 MPa

JIS Standard Hydraulic Cylinders

CH2E : ø32 to ø100

CH2F : ø32 to ø100

CH2H : ø32 to ø100

CH2G : ø32 to ø100

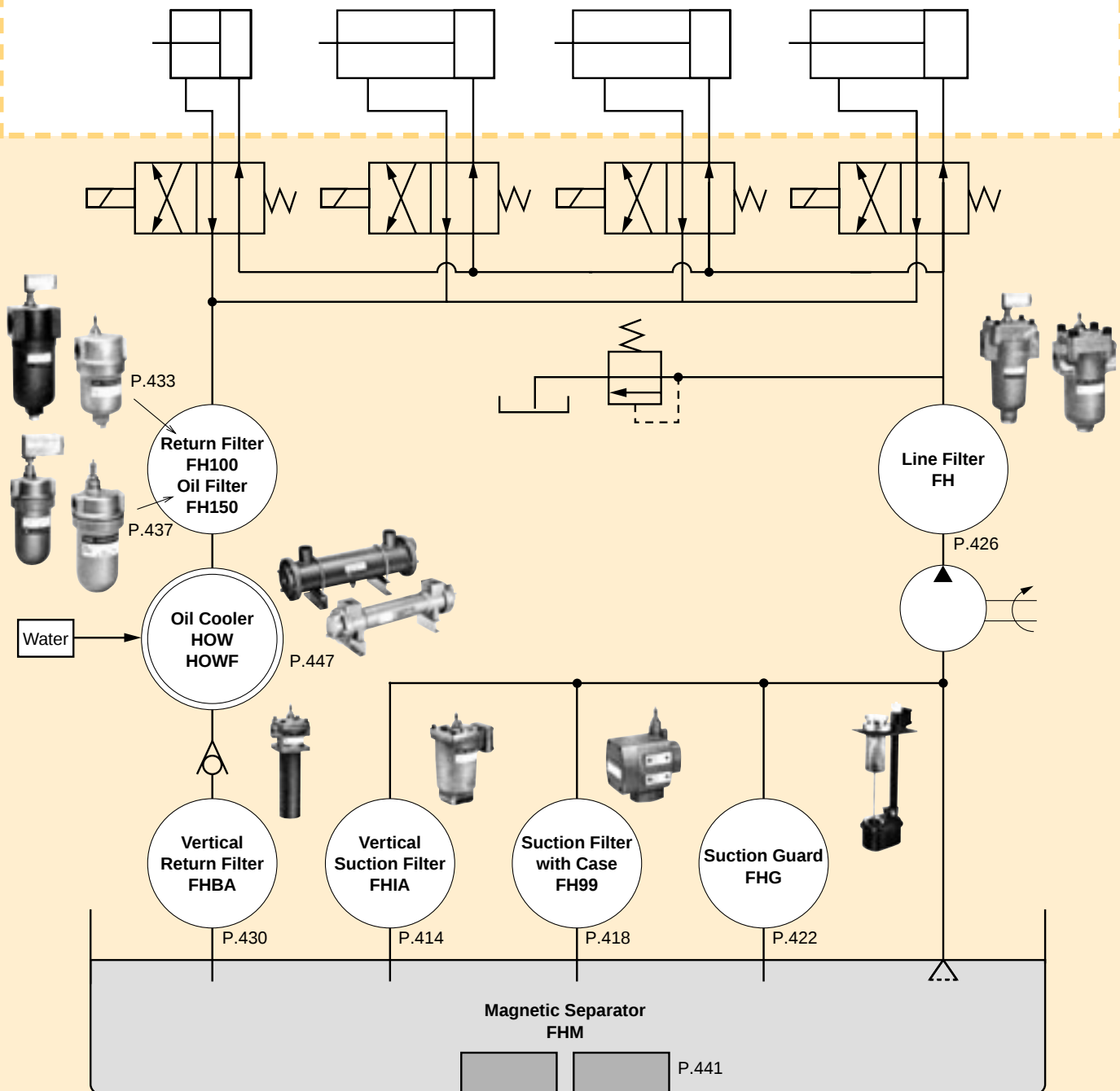


Nominal pressure
10/16 MPa

ISO Standard Hydraulic Cylinders

CHSD : ø40 to ø100

CHSG : ø32 to ø100



INDEX

Hydraulic Filters

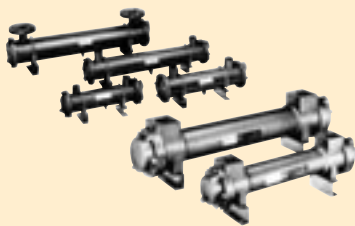


Series	Operating pressure	Port size	Element (μm) (Nominal filtration)	Accessory (Option)	Page
Vertical Suction Filter Series FHIA	Negative pressure	1/2, 3/4, 1, 1 1/4, 1 1/2 2, 2 1/2, 3, 3 1/2, 4	Micromesh 74, 105, 149	Differential pressure indicator Differential pressure indication switch Blanking cap	414
Suction Filter with Case Series FH99	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	418
Suction Guard Series FHG	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 breazer Cap	422
Line Filter Series FH34/44/54/64	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	426
Vertical Return Filter Series FHBA	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	430
Return Filter Series FH100	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	433
Oil Filter Series FH150	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	437
Magnetic Separator Series FHM	—	—	—	—	441

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

Note 2) Available by special order.

Oil Coolers



Series	Heat transfer area (inside pipe) (m ²)	Heat exchange volume (Kcal/h)	Flow rate (ℓ/min)		Page
			Oil side	Cooling water side	
Oil Cooler: Iron particle type (Fixed pipe type) Series HOWF	0.077, 0.13, 0.21, 0.34 0.56, 0.83, 1.28	4,500 to 63,000	20 to 800	40 to 125	448
Oil Cooler: Copper particle type (Floating pipe type) Series HOW	0.084, 0.13, 0.21, 0.32 0.50, 0.75	5,200 to 45,000	20 to 400	25 to 100	453

FH□

HOW□