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Rev. No

1

ANSI 150LB 1" -> ASME 150LB 1" (Non-Serration type)

Revision note

2011.04.13

Signature

Checked

TECHNICAL DATA

Fluid

BLACKISH WATER

Flow rate

30 L/min

Design press.

0.55 MPaG

Test Press.

0.83 MPaG

Design Temp.

Max. 80 °C

Pressure drop

<0.2 at clean barG

Weight (abt.)

40 kg

Filter fineness

see separate specification

A

B

C

Three-way valve position

A-1,2 IN/OUT

B-1,2 OPEN

A-1,2 IN/OUT

C-1,2 OPEN

Left hand filter chamber in operation

Right hand filter chamber in operation

412±3

282

250

190

70

100

110

4-25x15 SHOLT HOLES

N-ød

G

PCD

D

t

1

NOTE

1. In/Out Connection Size : see table

2. Flange : Non-Serration type

* Available connection

| FLANGE | D | G | PCD | N-ød | t | f |
|---------------------|-----|------|------|--------|------|-----|
| JIS 5K 25A SO.FF | 95 | - | 75 | 4-12 | 10 | - |
| JIS 10K 25A SO.FF | 125 | - | 90 | 4-19 | 14 | - |
| JIS 16K 25A SO.FF | 125 | - | 90 | 4-19 | 14 | - |
| ASME 150LB 1" SO.RF | 108 | 50.8 | 79.2 | 4-15.7 | 14.2 | 1.6 |
| DN25 PN16 SO.RF | 115 | 68 | 85 | 4-14 | 16 | 2 |

18

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DF1025S-18

DF1025S-17

DF1025S-16

DF1025S-15

DF1025S-14

DF1025S-13

DF1025S-12

DF1025S-11

DF1025S-10

DF1025S-09

DF1025S-08

DF1025S-07

DF1025S-06

DF1025S-05

EL025-40-316

DF1025S-03

DF1025S-02

DF1025S-01

HANDLE

O-RING

O-RING

O-RING

O-RING

O-RING

O-RING

VENT VALVE

DRAIN VALVE

ANGLE VALVE

SPINDLE COVER

SPINDLE

BALL SEAT

BALL

ELEMENT ASS'Y

FILTER COVER

FILTER BODY

VALVE BODY

SS400

VITON

VITON

VITON

VITON

VITON

VITON

SUS316L

SUS316L

SUS316L

SUS316L

SUS420J2

TEFRON

SUS316L

SUS316L

SUS316L

SUS316L

SUS316L

1

2

4

4

4

2

2

2

2

1

2

2

4

2

2

2

2

2

ø19 x 150L

-

-

-

-

-

-

PT1/2"

PT3/4"

PT3/8"

13t

ø24.5

17t

25A

40MESH (25A)

20t

80A

25A

Q'ty

Weight

Material

Dimension etc

Tag no

Article no.

Title/Name

Desiged by

Checked by

Approved by

Date

Project Name

Scale

B.J.KIM

B.D.KIM

G.S.LEE

2011.04.13

-

1/1

TITLE

DUPLEX FILTER ASS'Y

Model

DF3025S

Omuri Industrial Machinery Co.,LTD

10-10-402501

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Revision

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Rev.A

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DF1025S-08

DF1025S-07

DF1025S-06

DF1025S-05

EL025-40-316

DF1025S-03

DF1025S-02

DF1025S-01

HANDLE

O-RING

O-RING

O-RING

O-RING

O-RING

O-RING

VENT VALVE

DRAIN VALVE

ANGLE VALVE

SPINDLE COVER

SPINDLE

BALL SEAT

BALL

ELEMENT ASS'Y

FILTER COVER

FILTER BODY

VALVE BODY

SS400

VITON

VITON

VITON

VITON

VITON

VITON

SUS316L

SUS316L

SUS316L

SUS316L

SUS420J2

TEFRON

SUS316L

SUS316L

SUS316L

SUS316L

SUS316L

1

2

4

4

4

2

2

2

2

1

2

2

4

2

2

2

2

2

ø19 x 150L

-

-

-

-

-

-

PT1/2"

PT3/4"

PT3/8"

13t

ø24.5

17t

25A

40MESH (25A)

20t

80A

25A

Q'ty

Weight

Material

Dimension etc

Tag no

Article no.

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Right hand filter chamber in operation

412±3

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4-25x15 SHOLT HOLES

N-ød

G

PCD

D

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* Available connection

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DF1025S-06

DF1025S-05

EL025-40-316

DF1025S-03

DF1025S-02

DF1025S-01

HANDLE

O-RING

O-RING

O-RING

O-RING

O-RING

O-RING

VENT VALVE

DRAIN VALVE

ANGLE VALVE

SPINDLE COVER

SPINDLE

BALL SEAT

BALL

ELEMENT ASS'Y

FILTER COVER

FILTER BODY

VALVE BODY

SS400

VITON

VITON

VITON

VITON

VITON

VITON

SUS316L

SUS316L

SUS316L

SUS316L

SUS420J2

TEFRON

SUS316L

SUS316L

SUS316L

SUS316L

SUS316L

1

2

4

4

4

2

2

2

2

1

2

2

4

2

2

2

2

2

ø19 x 150L

-

-

-

-

-

-

PT1/2"

PT3/4"

PT3/8"

13t

ø24.5

17t

25A

40MESH (25A)

20t

80A

25A

Q'ty

Weight

Material

Dimension etc

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A-1,2 IN/OUT

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Right hand filter chamber in operation

412±3

282

250

190

70

100

110

4-25x15 SHOLT HOLES

N-ød

G

PCD

D

t

1

NOTE

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DF1025S-05

EL025-40-316

DF1025S-03

DF1025S-02

DF1025S-01

HANDLE

O-RING

O-RING

O-RING

O-RING

O-RING

O-RING

VENT VALVE

DRAIN VALVE

ANGLE VALVE

SPINDLE COVER

SPINDLE

BALL SEAT

BALL

ELEMENT ASS'Y

FILTER COVER

FILTER BODY

VALVE BODY

SS400

VITON

VITON

VITON

VITON

VITON

VITON

SUS316L

SUS316L

SUS316L

SUS316L

SUS420J2

TEFRON

SUS316L

SUS316L

SUS316L

SUS316L

SUS316L

1

2

4

4

4

2

2

2

2

1

2

2

4

2

2

2

2

2

ø19 x 150L

-

-

-

-

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-

PT1/2"

PT3/4"

PT3/8"

13t

ø24.5

17t

25A

40MESH (25A)

20t

80A

25A

Q'ty

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412±3

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4-25x15 SHOLT HOLES

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O-RING

O-RING

O-RING

O-RING

O-RING

O-RING

VENT VALVE

DRAIN VALVE

ANGLE VALVE

SPINDLE COVER

SPINDLE

BALL SEAT

BALL

ELEMENT ASS'Y

FILTER COVER

FILTER BODY

VALVE BODY

SS400

VITON

VITON

VITON

VITON

VITON

VITON

SUS316L

SUS316L

SUS316L

SUS316L

SUS420J2

TEFRON

SUS316L

SUS316L

SUS316L

SUS316L

SUS316L

1

2

4

4

4

2

2

2

2

1

2

2

4

2

2

2

2

2

ø19 x 150L

-

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