

Pressure Filters

DMP DIN Series Filters

Flows to 100 L/min (25 USgpm)
Pressures to 100 bar (1450 PSI)

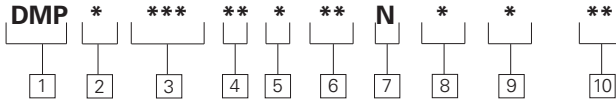


Features and Benefits

- Designed to Comply with DIN 24550 specifications
- Fatigue rated to 100 Bar
- Visual, electrical, and electrical indicators with light options for system design flexibility
- High efficiency six layer media elements
- Bypass and non-bypass options available

DESIGN SPECIFICATIONS

Rated flow:	040 063 100	40 L/min (11USgpm) 63 L/min (17USgpm) 100 L/min (26USgpm)
Fluid compatibility:	Compatible with most petroleum oil, oil-in-water and water-in-oil fluids. Optional seals available for phosphate esters	
Temp range:	-10°C to + 100°C (+14°F to +212°F)	
Pressure rating:	Fatigue	100 bar (1450 PSI)
Material:	040/063 100	Aluminum Aluminum and Steel
Dry weight:	040 063 100	1,8kg (4.0 lbs) 1,8kg (4.0 lbs) 4,2kg (9.3 lbs)



DMP Series Filter

Sample model code:

DRT1100BC41NBC06

1 Filter Series

DMP - DIN Medium Pressure

2 Element Collapse Rating

1 - 435 PSI Low Collapse

4 - 2320 PSI High Collapse

3 Nominal Size

040 - 40 L/min (10.6 USgpm)

063 - 63 L/min (16.6 USgpm)

100 - 100 L/min (26.4 USgpm)

4 Port Size

BB - G 1/2" (Length 040 only)

BC - G 3/4" (Length 063 only)

BD - G 1" (Length 100 only)

5 Valve Options

1 - Non-Bypass

4 - Bypass set at 100 PSI cracking pressure

6 Indicator Options

AN - Visual 70 PSI, No Connector

JN - No Indicator, No Connector

TB - Electrical 70 PSI, Brad Harrison Connector

TH - Electrical 70 PSI, Hirschman

7 Secondart Port

N - No Secondary Port

8 Seal Material

B - Buna-N

V - Viton-A

9 Element Construction

C - Standard Construction

H - High Collapse

10 Fluid Cleanliness Rating

Code **Target fluid cleanliness level**

03 **16/14/12 or better**

06 **18/16/14 or better**

10 **20/18/15 or better**

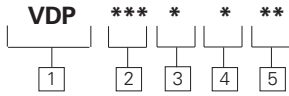
25 **22/19/16 or better**

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Filters

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Element model code

Sample model code:

VDP160BC06

1 Filter Element

VDP - DIN Standard Element

2 Nominal Size

040 - 40 L/min (10.6 USgpm)

063 - 63 L/min (16.6 USgpm)

100 - 100 L/min (26.4 USgpm)

3 Seal Material

B - Buna-N

V - Viton-A

4 Element Construction

C - Standard Construction

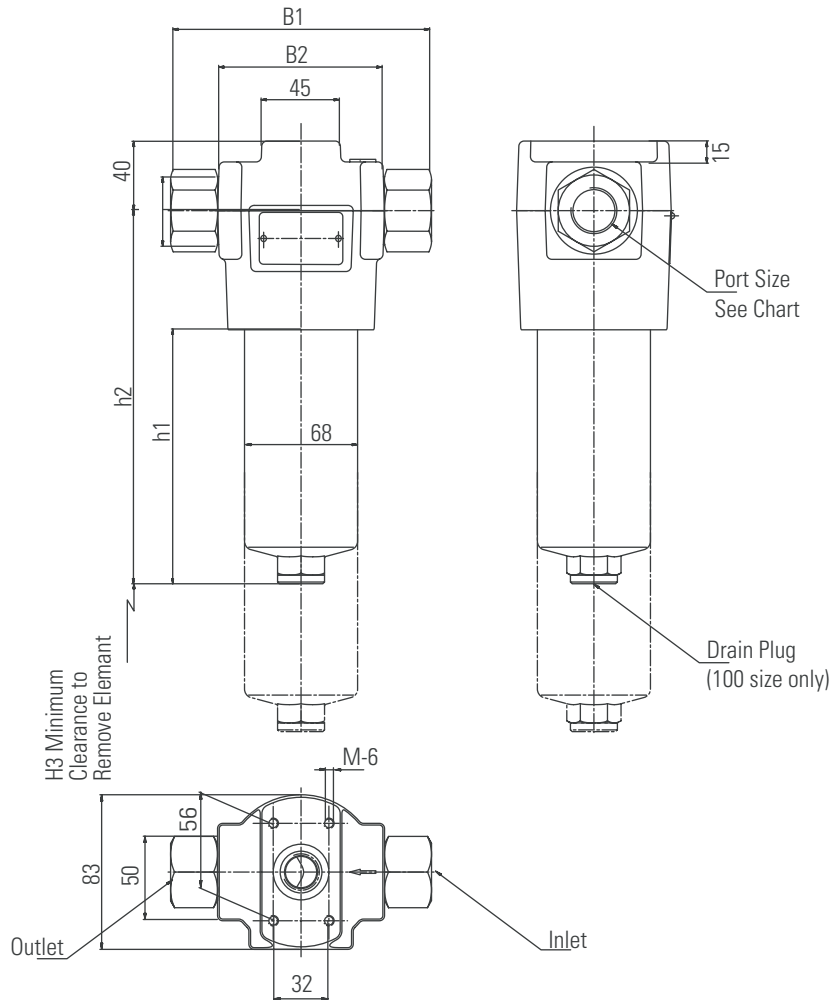
H - High Collapse

5 Fluid Cleanliness Rating

Code	Target fluid cleanliness level
03	16/14/12 or better
06	18/16/14 or better
10	20/18/15 or better
25	22/19/16 or better

Dimensions DRT Series

Dimensions in mm



Items not in bold are non-standard and may have a longer lead time

Pressure Filters

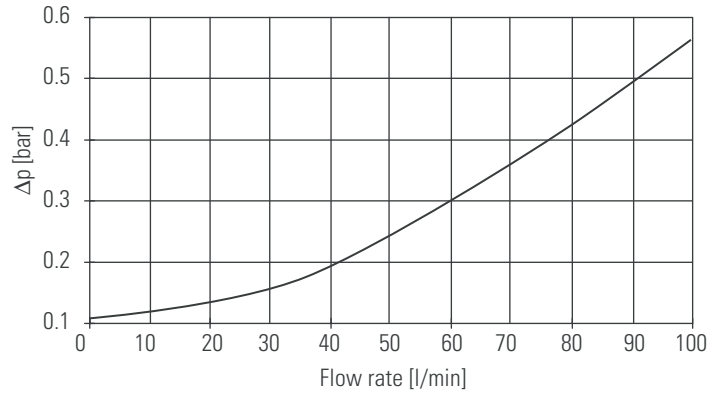
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DMP DIN Series Filters

Housing and Element Flow Data

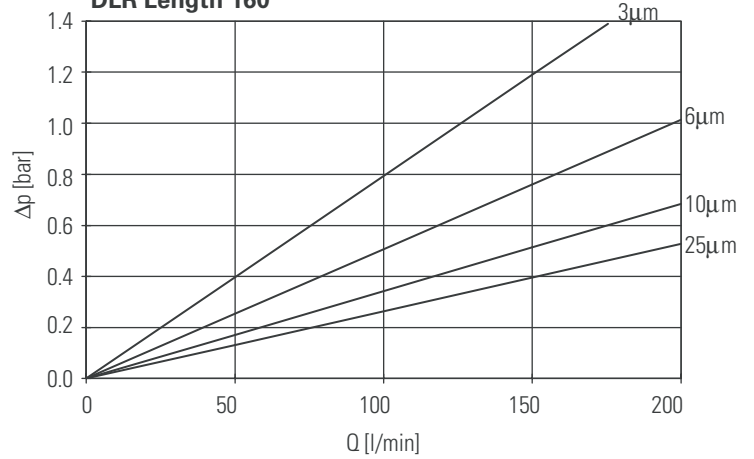
DMP 040, 063, 100 Series Housing Data

TYPE	PORT SIZE	B1	B2	H1	H2	H3
DMP 040	G 1/2	–	92	91	146	75
DMP 063	G 3/4	–	92	152	207	75
DMP 100	G 1	160	–	246	301	85

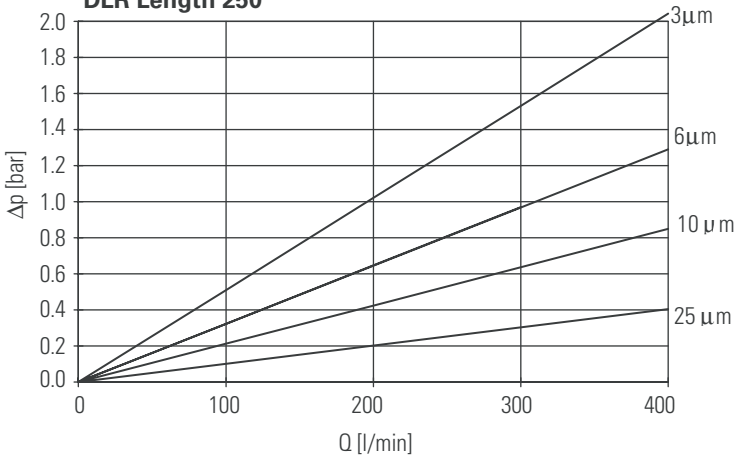


DMP Series Element Flow Data

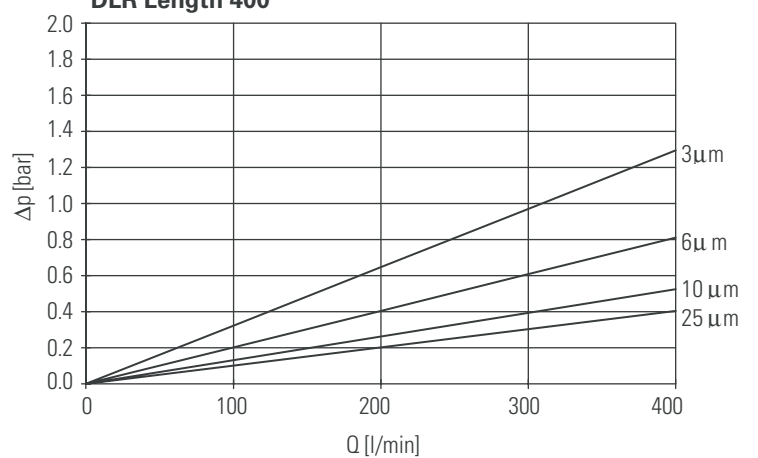
DLR Length 160



DLR Length 250



DLR Length 400



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