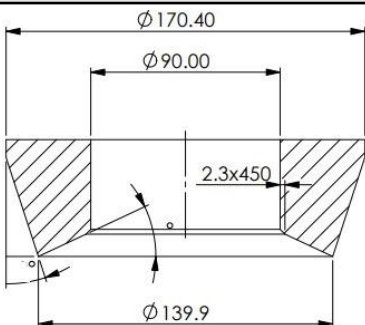


Ni-6"-Class 600 foam silencer datasheet.

Dimensions; mm



6"-Class 600



Properties

Mass (g)

Varieties in weight➔

450 ± 15

550 ±23

650± 35

Multi-regions (main and core)

Yes

Yes

Yes

Number of main pores / inches; PPI

5

5

5

Number of core pores / inches; PPI

7

7

7

Number of reinforcement pores / inches; PPI

2.5

2.5

2.5

Density average; g/cm³

0.73

0.81

0.95

Porosity; %

82

80

79

Relative density; -

0.18

0.20

0.21

Estimated average pore diam main and core; mm

4.50/3.01

4.11/2.97

3.98/2.88

Estimated Specific Surface; cm²/cm³

18.01

18.01

18.01

Compression strength as ISO33144; MPa. ±0.25

4.01

4.5

5.05

Composition

Ni; wt.%

99.85

Architecture of metal foam 3D- geometry

Regions

Main

Core

Reinforcement web

Yes

Yes

Heterogeneous cells

Yes

Yes

Number of 3D-cells /cubic inch; PPCI

125

343

Volume of silencer; cm³

683.04