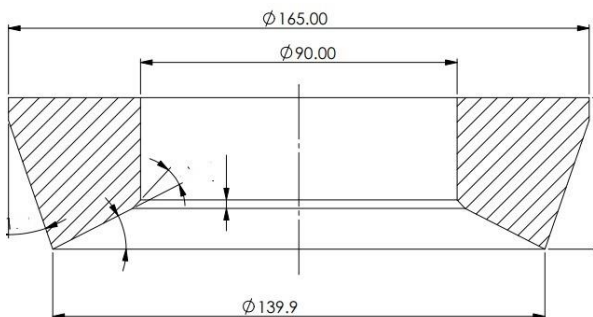


Ni-6"-Class 300 foam silencer datasheet.

Dimensions; mm



6"-Class 300



Properties

Mass (g)

Varieties in weight➔

260 ± 15

310 ± 20

385 ± 25

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

0.61

0.67

0.82

Porosity; %

81

80

78

Relative density; -

0.19

0.20

0.22

Estimated average pore diam main and core; mm

4.32/2.91

4.11/2.91

3.98/2.87

Estimated Specific Surface; cm²/cm³

18.20

18.20

18.20

Compression strength as ISO33144; MPa. ±0.25

3.81

4.05

4.77

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

479.59