

FLS



Orifice assemblies FLS

An FLS assembly consists of 2 flanges (inlet and outlet) and 2 O-rings. In addition, a stainless steel measuring orifice with a bore hole must be ordered, drilling tolerance ± 0.1 mm, if $d \leq 8$ mm, ± 0.2 mm, if $d > 8$ mm. The appropriate differential pressure can be checked using two pressure test points before and after the orifice. $p_{0, \text{max}}$ 500 mbar. Flow rate curves are available for these measuring orifices.

Designation	Order no.
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FLS 350

FLS 350-Rp2	74922716
Orifice FLS 350/365, $d = 42$ mm	35456198

FLS 365

FLS 365-Rp2.1/2	74922717
Orifice FLS 350/365, $d = 42$ mm	35456198
Orifice FLS 350/365, $d = 46$ mm	35456199
Orifice FLS 350/365, $d = 50$ mm	35456200
Orifice FLS 350/365, $d = 54$ mm	35456201



Measuring orifices for other diameters

For other diameters, the following measuring orifices can be ordered without flow rate curve. Diameter indication on lug visible from the outside, drilling tolerance ± 0.2 mm, if $d > 3$ mm.

Designation	Order no.
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Orifices drilled as required

FLS 350–365:	
Orifice FLS 350/365, drilled	35456204

Orifices without flange set, predrilled ($d = 3$ mm)

FLS 350–365:	
Orifice FLS 350/365, $d = 3$ mm	35456207

