

Base plate, Series 335

35500349

■ Versions: aluminum subbases



Technical data

Type
For series
Compressed air connection input
Compressed air connection output
Port exhaust

Base plate
521
G 3/8
G 1/4
G 3/8

Scope of delivery

The manifold base plates are supplied with screws and seals for valve assembly, as well as 3 plugs for ports 1/3/5.

Working pressure min.
Working pressure max
Min. ambient temperature
Max. ambient temperature
Min. medium temperature
Max. medium temperature
Medium

Max. particle size
Oil content of compressed air min.

0 bar
8 bar
5 °C
50 °C
5 °C
50 °C
Compressed air
Neutral liquids
50 µm
0 mg/m³

Oil content of compressed air max.	5 mg/m ³
Max. number of valve positions	9
Weight	0.945 kg

Material

Material base plate	Aluminum
Seal material	caoutchouc/butadiene caoutchouc
Part No.	35500349

Technical information

5 spool valves at most can be simultaneously operated without pressure loss. To operated more valves, pressure must be supplied through appropriate inlets on each side of the subbaseThe spool valves can be mounted in any position without affecting operationThread connection "G" applicable for 1/4 and 3/8 have standard thread according to ISO 228/1 and ISO 7/1. Thread connection "G" applicable for 1/8, have standard thread according to ISO 228/1

The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

The pressure dew point must be at least 15 °C less than ambient and medium temperature and may not exceed 3 °C.

The oil content of compressed air must remain constant during the life cycle.

Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in <https://www.emerson.com/en-us/support>).

Connection of channels 1/3/5 possible on both sides.

Technical drawing of a mechanical part, showing two views: a top view (top) and a front view (bottom).

Top View:

- Overall width: 74
- Overall height: 30
- Distance between centers of features 1 and 3: 52
- Distance from center of feature 1 to the right edge: 13
- Distance from center of feature 3 to the right edge: 19
- Feature 5 is a threaded hole, indicated by the callout **G3/8**.

Front View:

- Overall height: 27
- Distance from the top edge to the first horizontal centerline: 7
- Distance between the first and second horizontal centerlines: 26
- Distance between the second and third horizontal centerlines: 22
- Distance from the third horizontal centerline to the bottom edge: 23
- Feature 1 is a threaded hole, indicated by the callout **Ø 5.5**.
- Feature 2 is a threaded hole, indicated by the callout **G1/4**.
- Feature 4 is a threaded hole, indicated by the callout **G1/4**.

1) Blanking plate

Part No.	A	B
35500342	77	63
35500343	100	86
35500344	123	109
35500345	146	132
35500346	169	155
35500347	192	178
35500348	215	201
35500349	238	224