

## Directional valves ▶ Pneumatically operated

### 3/2-directional valve, Series 563

▶ Qn = 1350 l/min ▶ plate connection ▶ Compressed air connection output: G 1/4



5600-131

Version	Poppet valve
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	See table below
Medium temperature min./max.	See table below
Medium	Compressed air
Max. particle size	5 μm
Oil content of compressed air	0 mg/m <sup>3</sup> - 5 mg/m <sup>3</sup>

Materials:	
Housing	Aluminum
Seals	Acrylonitrile butadiene styrene

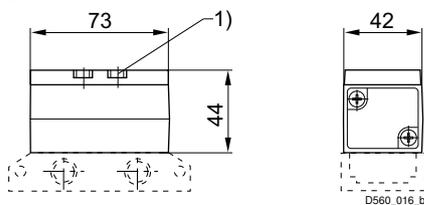
#### Technical Remarks

- 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 under 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, see chapter „Technical information“.

	Compressed air connection		Flow rate value	Working pressure min./max.	Control pressure min./max.	Ambient temperature min./max.	Medium temperature min./max.	Weight	Note	Part No.
	Input	Output								
			[l/min]	[bar]	[bar]	[°C]	[°C]	[kg]		
	G 1/4	G 1/4	1350	-1 / 10	4 / 10	-20 °C / +70 °C	-20 °C / +70 °C	0.3	-	<b>5632010000</b>
				-1 / 30	6 / 10	-20 °C / +70 °C	-20 °C / +70 °C		-	<b>5632310000</b>
				-1 / 10	4 / 10	-20 °C / +120 °C	-20 °C / +120 °C		1)	5632510000

1) Seal: Fluorocautchouc  
Nominal flow Qn at 6 bar and Δp = 1 bar

#### Dimensions



1) Tightening torque for mounting screws: 2.7 ± 0.3 Nm  
Base plate not included in the scope of delivery