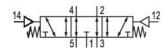
Series TC15

Qn = [[1100] I/min] ... [[1500] I/min]





Technical data

Industry Industrial Activation Pneumatically

Valve type Spool valve, positive overlapping

Valve function Exhausted Center

Sealing principle Soft seal

Connection type Pipe connection

Compressed air connection input G 1/4
Compressed air connection output G 1/4
Compressed air connection, exhaust G 1/4
Compressed air connection pilot input M5

Nominal flow Qn 1300 l/min Flow conductance b 0.31

Flow conductance C 5.9 l/(s*bar)

Min. working pressure -0.9 bar
Max. working pressure 10 bar
Min. control pressure 3 bar

5/3-directional valve, Series TC15

2024-05-06

0820259002

Max. control pressure

Pilot

External

Min. ambient temperature

-10 °C

Max. ambient temperature

50 °C

Min. medium temperature

-10 °C

Max. medium temperature

50 °C

Medium Compressed air

Material

Housing material Polyamide fiber-glass reinforced
Seal material Acrylonitrile butadiene rubber
Material, front cover Polyamide fiber-glass reinforced

Material threaded bushing Brass

Die cast zinc

Surface threaded bushing chrome-plated

nickel-plated

Part No. 0820259002

Technical information

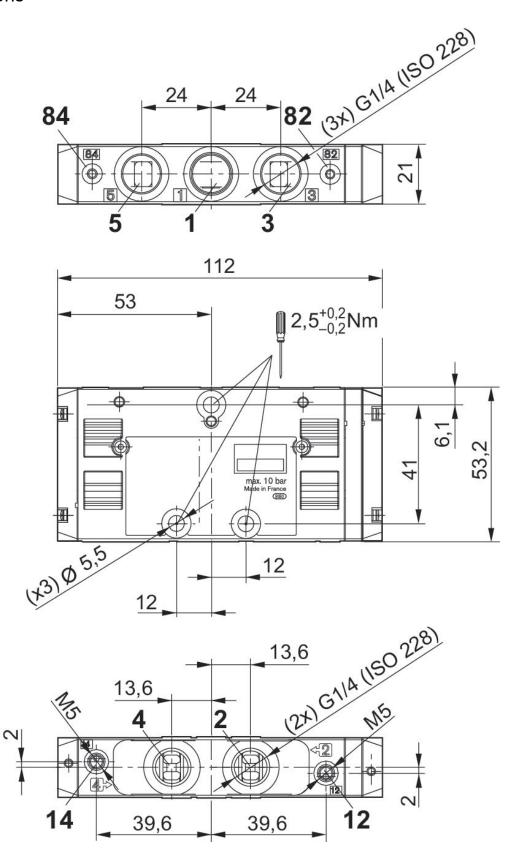
The min. control pressure must be adhered to, since otherwise faulty switching and valve failure may result!

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).

Dimensions



0820259002

