

ROTAIR series valve block



AVENTICS™ ROTAIR series valve block

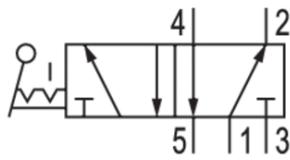
 **EMERSON**

5/2-directional valve, Series Rotair®

- $Q_n = 1082.4 \text{ l/min}$
- Compressed air connection output 1/8 NPT 1/4 NPT 3/8 NPT



Version	Poppet valve
Activation	Mechanical
Sealing principle	Soft sealing
Nominal flow Q_n	1082.4 l/min
Working pressure min./max.	0 ... 10 bar
Ambient temperature min./max.	-25 ... 80 °C
Medium temperature min./max.	-25 ... 80 °C
Medium	Compressed air
Max. particle size	50 µm
Oil content of compressed air	0 ... 5 mg/m³
Weight	0.73 kg



Technical data

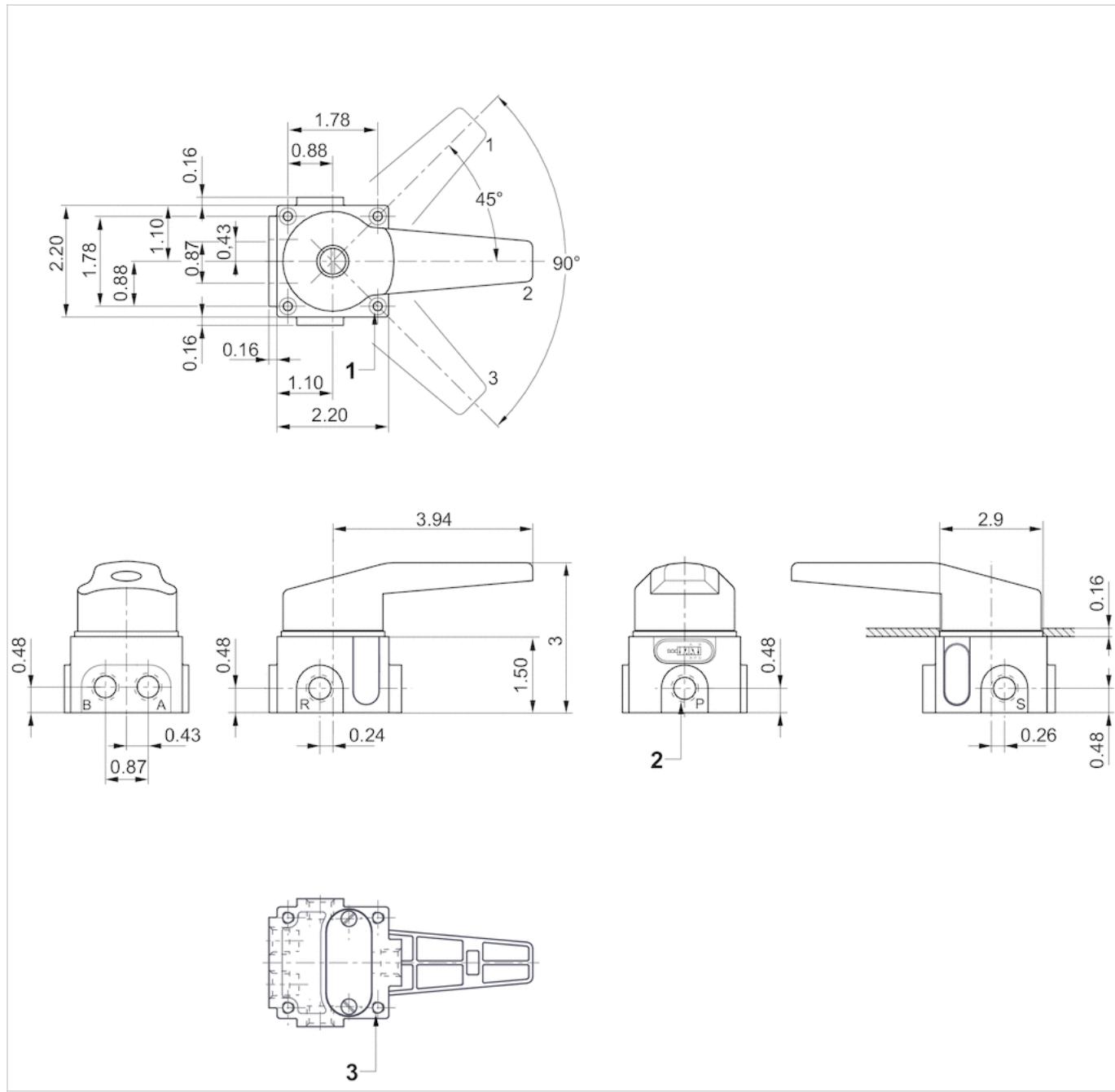
Part No.	Compressed air connection Input	Compressed air connection Output	Compressed air connection Exhaust
R432013830	1/8 NPT	1/8 NPT	1/8 NPT
R432013831	1/4 NPT	1/4 NPT	1/4 NPT
R432013832	3/8 NPT	3/8 NPT	3/8 NPT

Technical information

Material	
Housing	Die cast zinc
Seals	Buna-N

Dimensions

Dimensions in inches



1) .31" external diameter X (.145" deep) .18" internal thread X (1.35 deep) = 1.5" through

2) Connections [1,3,5,2,4]

3) 1/4" - 20 UNC-2B X .38" deep

5/3-directional valve, Series Rotair®

- Qn = 1082.4-1180.8 l/min
- Compressed air connection output 1/8 NPT 1/4 NPT 3/8 NPT



Version	Poppet valve
Activation	Mechanical
Sealing principle	Soft sealing
Ambient temperature min./max.	-25 ... 10 °C
Medium temperature min./max.	-25 ... 10 °C
Medium	Compressed air
Weight	0.73 kg

Technical data

Part No.		Compressed air connection Input	Compressed air connection Output	Compressed air connection Exhaust
R432013833		1/8 NPT	1/8 NPT	1/8 NPT
R432013834		1/4 NPT	1/4 NPT	1/4 NPT
R432013835		3/8 NPT	3/8 NPT	3/8 NPT
R432013836		1/8 NPT	1/8 NPT	1/8 NPT
R432013837		1/4 NPT	1/4 NPT	1/4 NPT
R432013838		3/8 NPT	3/8 NPT	3/8 NPT

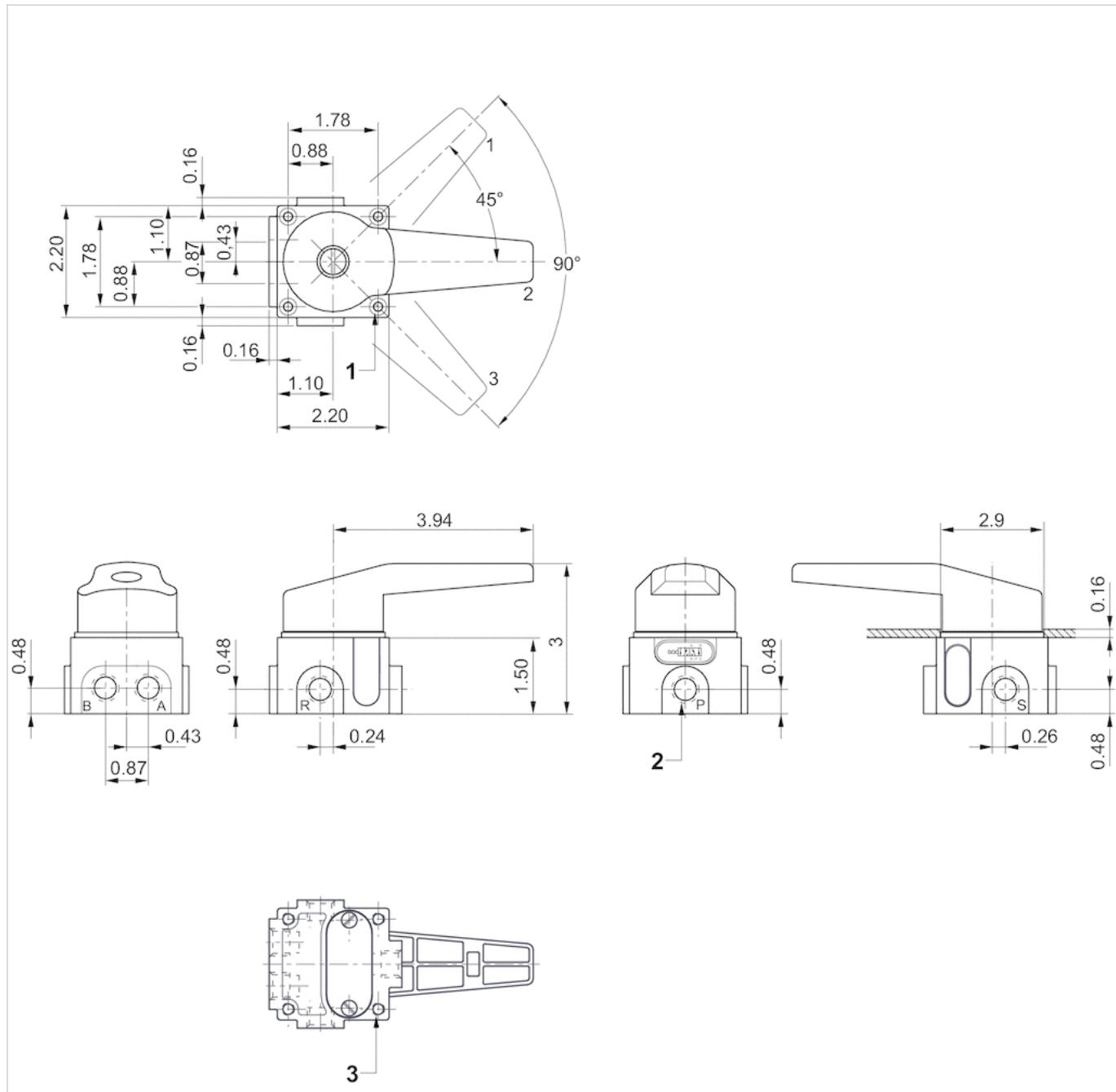
Part No.	Flow rate value
	Qn
R432013833	1082.4 l/min
R432013834	1082.4 l/min
R432013835	1180.8 l/min
R432013836	1082.4 l/min
R432013837	1082.4 l/min
R432013838	1180.8 l/min

Technical information

Material	
Housing	Die cast zinc
Seals	Buna-N

Dimensions

Dimensions in inches



1) .31" external diameter X (.145" deep) .18" internal thread X (1.35 deep) = 1.5" through

2) Connections [1,3,5,2,4]

3) 1/4" - 20 UNC-2B X .38" deep

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