

5/3-directional valve, Series CERAM™, size 1

- 5/3
- $Q_n = 1.12 \text{ Cv}$
- Pilot valve width : 30 mm
- exhausted center
- Plate connection
- Electrical connection : Plug, EN 175301-803, form A
- Can be assembled into blocks
- Manual override : with detent, without detent
- double solenoid
- Pilot : Internal External



Activation	Electrically
Sealing principle	Ceramic
Blocking principle	Single base plate principle
Standards	ISO 5599-1, ISO 1
Working pressure min./max.	See table below
Control pressure min./max.	See table below
Ambient temperature min./max.	5 ... 150 °F
Medium temperature min./max.	5 ... 150 °F
Medium	Compressed air
Nominal flow Q_n	1.12 Cv
Compressed air connection	according to ISO 5599-1
Protection class with connection	IP65
Protection class according to NEMA	NEMA 4
mounting screws	M5 with hexagon socket
Mounting screw tightening torque	1.62 ft./lbs.
Weight	See table below

Part No.	basic valve with electrical connector	Weight
R432006367	-	3.27 lbs
R432006368	-	3.27 lbs
R432006371	-	3.27 lbs
R432006365	-	3.27 lbs
R432006366	-	3.27 lbs
R432002472	Basic valve without coil	2.83 lbs
R432002470	Basic valve without coil	2.47 lbs

Nominal flow Q_n at 87 psi and Δp = 14.5 psi

MO = Manual override

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 27 °F under ambient and medium temperature and may not exceed 5.4 °F .

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

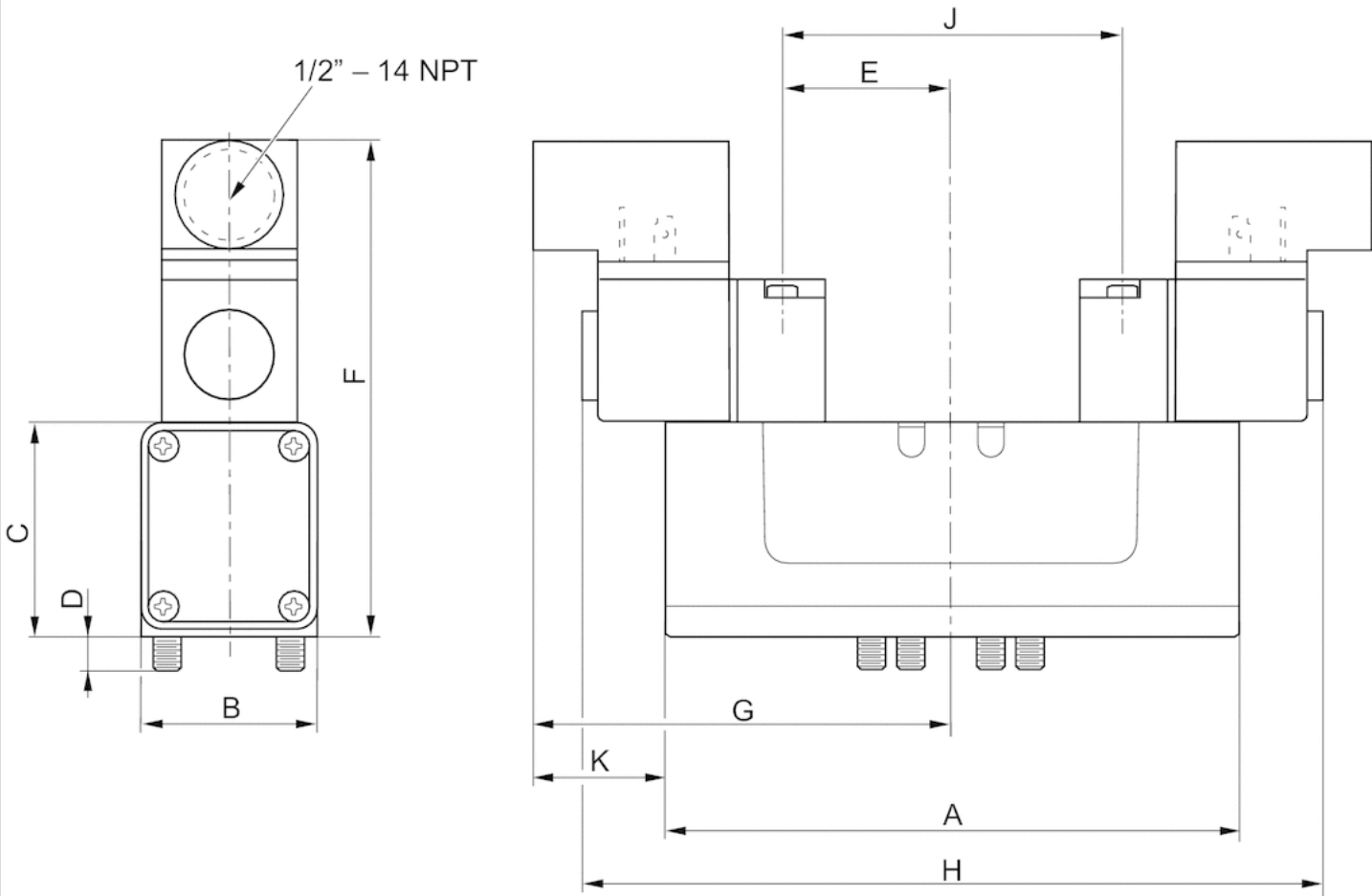
Use only the approved oils from AVENTICS. Further information can be found in the "Technical information" document (available in the MediaCentre).

Technical information

Material	
Housing	Die cast zinc, painted gray Die-cast aluminum, painted gray
Seals	Acrylonitrile butadiene rubber

Dimensions

Dimensions in inches



Dimensions in inches

Part No.	A	B	C	D	E	F	G	H	J	K
R432006367	5.12	1.57	1.89	0.31	1.52	4.52	3.48	6.97	3.03	1.2
R432006368	5.12	1.57	1.89	0.31	1.52	4.52	3.48	6.97	3.03	1.2
R432006371	5.12	1.57	1.89	0.31	1.52	4.52	3.48	6.97	3.03	1.2
R432006365	5.12	1.57	1.89	0.31	1.52	4.52	3.48	6.97	3.03	1.2
R432006366	5.12	1.57	1.89	0.31	1.52	4.52	3.48	6.97	3.03	1.2
R432002472	5.12	1.57	1.89	0.31	1.52	4.52	3.48	6.97	3.03	1.2
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