

5/3-directional valve, Series CERAM™, size 2

- $Q_n = 2.44 \text{ Cv}$
- Pilot valve width : 30 mm CNOMO
- closed center
- plate connection
- Electrical connection : Plug, EN 175301-803, form A
- Can be assembled into blocks
- Manual override : with detent, without detent
- double solenoid, single solenoid
- Pilot : internal, external



Activation	electrically
Sealing principle	Ceramic
Blocking principle	Single base plate principle
Standards	ISO 5599-1, ISO 2
Working pressure min./max.	0 ... 149 psi
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	2.44 Cv
Compressed air connection	according to ISO 5599-1
Protection class according to NEMA	NEMA 4
Mounting screw tightening torque	1.62 ft./lbs.
Weight	See table below

Nominal flow Qn 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.

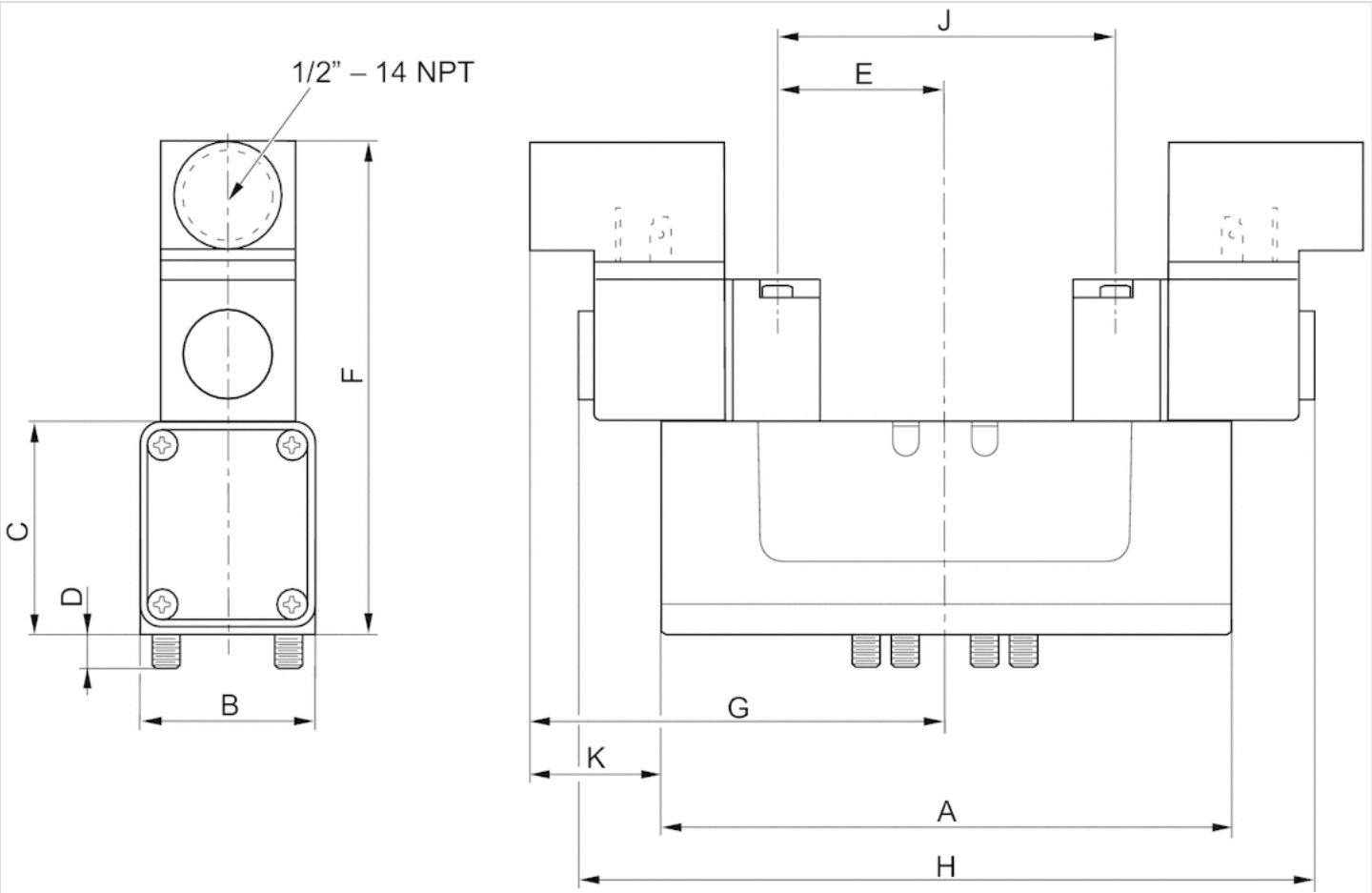
Use only the approved oils from AVENTICS. Further information can be found in the “Technical information” document (available in the MediaCentre).

Technical information

Material	
Housing	Die-cast aluminum, painted gray

Dimensions

Dimensions in inches



Dimensions in inches

Part No.	A	B	C	D	E	F	G	H	J	K
R432006078	5.82	2.03	2.3	0.39	1.57	4.9	3.54	7.09	3.15	0.92
R432006079	5.82	2.03	2.3	0.39	1.57	4.9	3.54	7.09	3.15	0.92
R432006082	5.82	2.03	2.3	0.39	1.57	4.9	3.54	7.09	3.15	0.92
R432006076	5.82	2.03	2.3	0.39	1.57	4.9	3.54	7.09	3.15	0.92
R432006077	5.82	2.03	2.3	0.39	1.57	4.9	3.54	7.09	3.15	0.92
-	-	-	-	-	-	-	-	-	-	-
R432002443	5.82	2.03	2.3	0.39	1.57	4.9	3.54	7.09	3.15	0.92