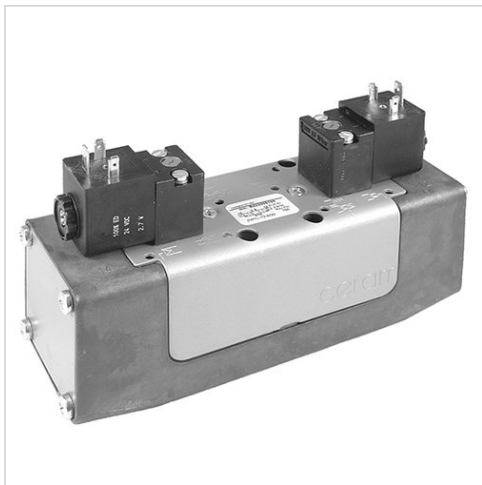





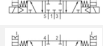
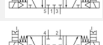


5/3-directional valve, Series CERAM™, size 3

- 5/3
- Qn = 4300 l/min
- Pilot valve width : 30 mm CNOMO
- exhausted center 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 3
Working pressure min./max.	0 ... 10.3 bar
Control pressure min./max.	See table below
Ambient temperature min./max.	-15 ... 66 °C
Medium temperature min./max.	-15 ... 66 °C
Medium	Compressed air
Nominal flow Qn	4300 l/min
Compressed air connection	according to ISO 5599-1
Protection class according to NEMA	NEMA 4
mounting screws	M8 with hexagon socket
Weight	See table below

Technical data

Part No.		MO		Compressed air connection	
					Pilot Exhaust
R432006186		T-R-T-R-T-R-T-R-T-R		exhausted center	Base plate ISO 5599-1
R432006187				exhausted center	Base plate ISO 5599-1
R432030359				exhausted center	Base plate ISO 5599-1
R432006184				exhausted center	Base plate ISO 5599-1
R432006185				exhausted center	Base plate ISO 5599-1
R432002450				closed center	Base plate ISO 5599-1

Part No.	Operational voltage		Operational voltage	
	DC	AC 50 Hz	AC 60 Hz	AC 60 Hz
R432006186	12 V	-	-	-
R432006187	24 V	-	-	-
R432030359	-	24 V	24 V	24 V
R432006184	-	110 V	120 V	120 V
R432006185	-	220 V	240 V	240 V
R432002450	-	-	-	-

Part No.	Voltage tolerance		Voltage tolerance		Power consumption	
	DC	AC 50 Hz	AC 60 Hz	AC 60 Hz	DC	DC
R432006186	-10% / +10%	-	-	-	2.7 W	2.7 W
R432006187	-10% / +10%	-	-	-	2.7 W	2.7 W
R432030359	-	-10% / +10%	-10% / +10%	-10% / +10%	-	-
R432006184	-	-10% / +10%	-10% / +10%	-10% / +10%	-	-
R432006185	-	-10% / +10%	-10% / +10%	-10% / +10%	-	-
R432002450	-	-	-	-	-	-

Part No.	Holding power		Switch-on power		Pilot
	AC 50 Hz	AC 60 Hz	AC 50 Hz	AC 60 Hz	
R432006186	-	-	-	-	Internal
R432006187	-	-	-	-	Internal
R432030359	3.7 VA	3.7 VA	6.4 VA	6.4 VA	Internal
R432006184	3.7 VA	3.7 VA	6.4 VA	6.4 VA	Internal
R432006185	3.7 VA	3.7 VA	6.4 VA	6.4 VA	Internal
R432002450	-	-	-	-	External

Part No.	Control pressure min./max.	Valve plug connector
R432006186	2.5 ... 10.3 bar	Without valve plug connector
R432006187	2.5 ... 10.3 bar	Without valve plug connector
R432030359	2.5 ... 10.3 bar	Without valve plug connector
R432006184	2.5 ... 10.3 bar	Without valve plug connector
R432006185	2.5 ... 10.3 bar	Without valve plug connector
R432002450	-0.8 ... 10.3 bar	Without valve plug connector

Part No.	basic valve with electrical connector	Weight
R432006186	-	2.26 kg

Part No.	basic valve with electrical connector	Weight
R432006187	-	2.26 kg
R432030359	-	-
R432006184	-	2.19 kg
R432006185	-	2.26 kg
R432002450	Basic valve without coil	-

Nominal flow Q_n at 6 bar and $\Delta p = 1$ bar

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 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. Further information can be found in the "Technical information" document (available in the MediaCentre).

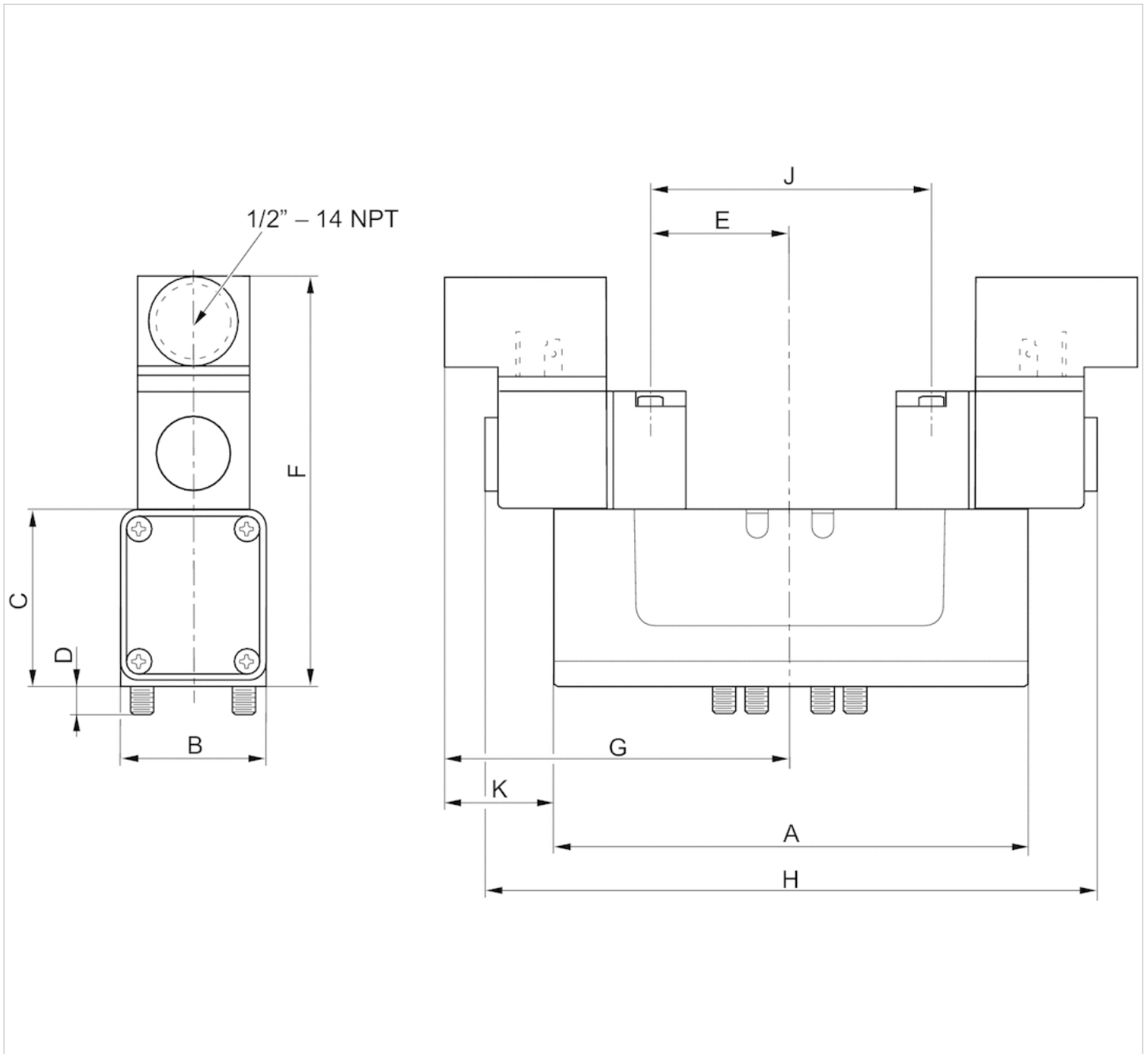
Technical information

Material

Housing	Die-cast aluminum, painted gray
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Dimensions

Dimensions in inches



Dimensions in inches

Part No.	A	B	C	D	E	F	G	H	J	K
R432006186	7.54	2.71	2.59	0.41	1.62	5.23	4.18	8.36	3.25	1.05
R432006187	7.54	2.71	2.59	0.41	1.62	5.23	4.18	8.36	3.25	1.05
R432030359	7.54	2.71	2.59	0.41	1.62	5.23	4.18	8.36	3.25	1.05
R432006184	7.54	2.71	2.59	0.41	1.62	5.23	4.18	8.36	3.25	1.05
R432006185	7.54	2.71	2.59	0.41	1.62	5.23	4.18	8.36	3.25	1.05
-	-	-	-	-	-	-	-	-	-	-

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