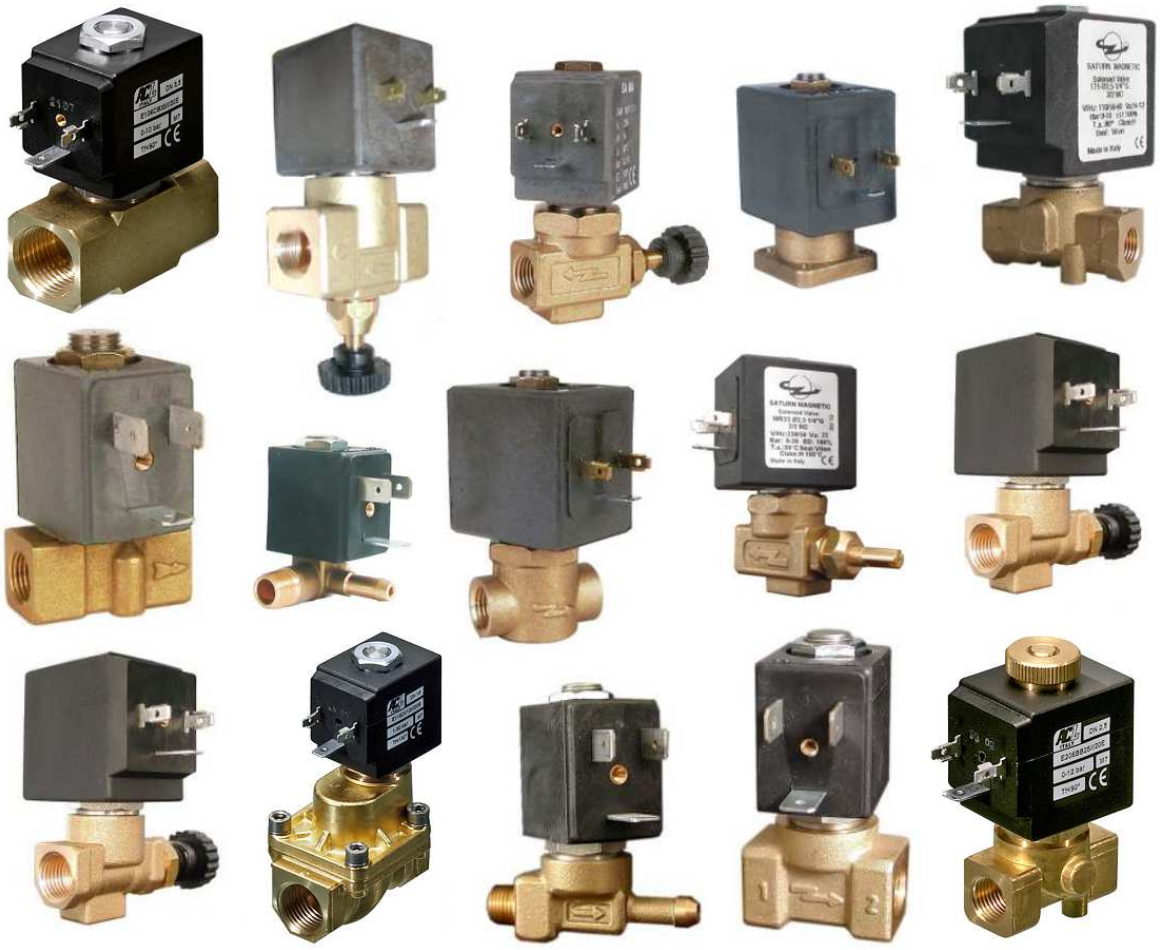
Brass Solenoid Valves
For Coffee & Steam Applications



Available from

Beta Valve

BetaValve.com **01494 459 511** **Sales@betavalve.com**
Park House Business Centre, Desborough Park Road, High Wycombe Bucks HP12 3DJ

DESCRIPTION

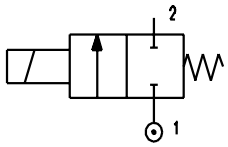
Solenoid valve 2 way normally closed
direct acting poppet type

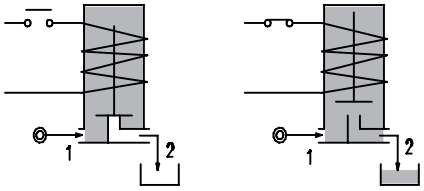
CONSTRUCTION

Body	Brass
Armature tube	Stainless steel
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM
	PTFE

FEATURES

Maximum allowable pressure 80bar*
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Universal mounting position





OPTIONS: Manual override
Electroless nickel plating
Stainless steel seat insert
Version for use with oxygen

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	Nominal power VA Holding	Nominal power DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E106A...15///...	1/8"	1.5	0.07	0	30	26	20	15	10	2	30	NBR=B	-10 +90
E106A...20///...		2	0.1	0	22	20							
E106A...25///...		2.5	0.15	0	16	14							
E106A...35///...		3.5	0.32	0	10	8							
E106B...15///...	1/4"	1.5	0.07	0	30	26							
E106B...20///...		2	0.1	0	22	20							
E106B...25///...		2.5	0.15	0	16	14							
E106B...35///...		3.5	0.32	0	10	8							
E106B...45///...		4.5	0.41	0	6.5	3.5						EPDM=E	-10 +140
E106B...52///...		5.2	0.47	0	4	1.8							
E106B...64///...		6.4	0.64	0	3	1							
E106A...15///...	1/8"	1.5	0.07	0	80	80	40	30	27	5	36	FPM=V	-10 +130
E106A...20///...		2	0.1	0	50	40							
E106A...25///...		2.5	0.15	0	35	33							
E106A...35///...		3.5	0.32	0	20	19							
E106B...15///...	1/4"	1.5	0.07	0	80	80						PTFE=W ③	-10 +180
E106B...20///...		2	0.1	0	50	40							
E106B...25///...		2.5	0.15	0	35	33							
E106B...35///...		3.5	0.32	0	20	19							
E106B...45///...		4.5	0.41	0	14	13							
E106B...52///...		5.2	0.47	0	10	9							
E106B...64///...		6.4	0.64	0	5	4.5							

① Seal — Example: E106BB20///20E NBR seal
② Coil — Coil 230V 50/60Hz

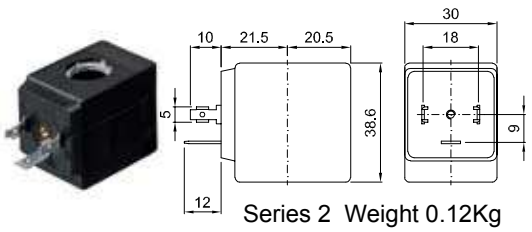
* REMARK: The maximum allowable pressure PS for steam is 6bar with PTFE seals and 2,5bar with EPDM seals

Series **106**

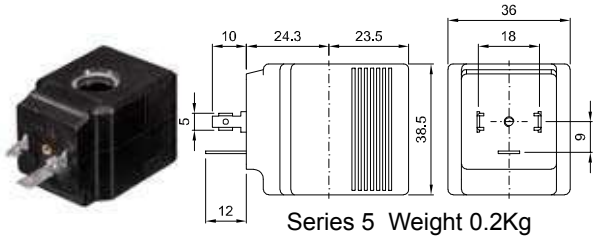
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code** ②	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code** ②	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

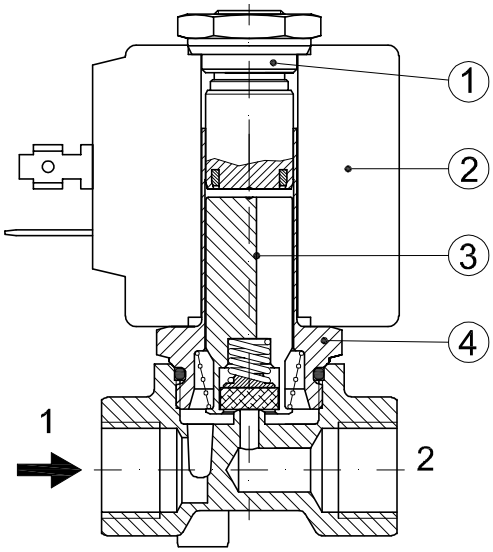


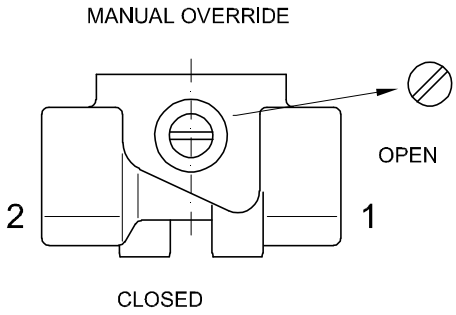
Series 2 Weight 0.12Kg



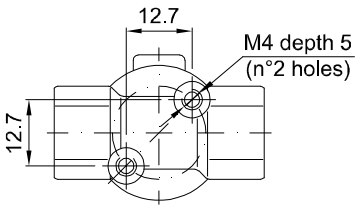
Series 5 Weight 0.2Kg

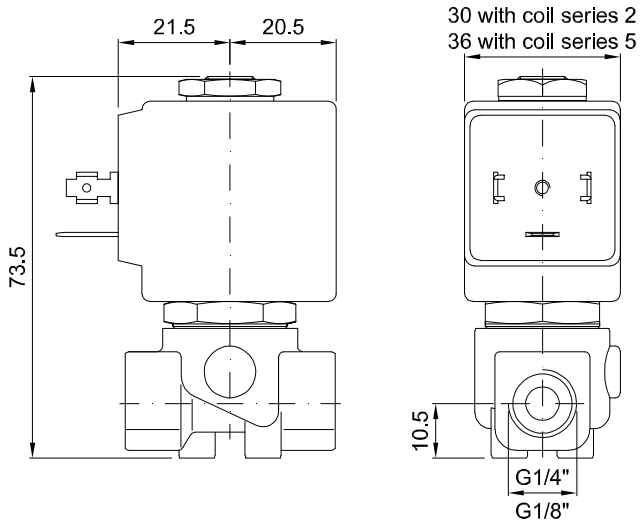
SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube with core





OVERALL DIMENSION





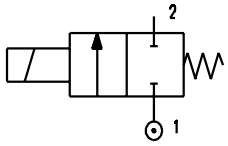
Weight with coil series 2=0.30Kg
Weight with coil series 5=0.38Kg

DESCRIPTION

Solenoid valve 2 way normally closed
direct acting poppet type

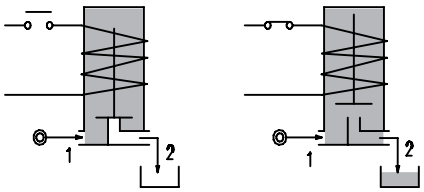
CONSTRUCTION

Body	Brass
Armature tube	Stainless steel
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM
	PTFE



FEATURES

Maximum allowable pressure 80bar*
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Universal mounting position



OPTIONS: Electroless nickel plating
Version for use with oxygen

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E106C...30///...	3/8”	3	0.25	0	15	10	20	15	10	2	30	NBR=B	-10 +90
E106C...35///...		3.5	0.32	0	10	8							
E106C...40///...		4	0.36	0	8	5						EPDM=E	-10 +140
E106C...45///...		4.5	0.41	0	6.5	3.5							
E106C...52///...		5.2	0.47	0	4	1.8							
E106C...64///...		6.4	0.64	0	3	1						FPM=V	-10 +130
E106D...30///...	1/2”	3	0.25	0	15	10							
E106D...35///...		3.5	0.32	0	10	8							
E106D...40///...		4	0.36	0	8	5						PTFE=W ③	-10 +180
E106D...45///...		4.5	0.41	0	6.5	3.5							
E106D...52///...		5.2	0.47	0	4	1.8							
E106D...64///...		6.4	0.64	0	3	1							
E106C...30///...	3/8”	3	0.25	0	25	24	40	30	27	5	36		
E106C...35///...		3.5	0.32	0	20	19							
E106C...40///...		4	0.36	0	16	15							
E106C...45///...		4.5	0.41	0	14	13							
E106C...52///...		5.2	0.47	0	10	9							
E106C...64///...		6.4	0.64	0	5	4.5							
E106D...30///...	1/2”	3	0.25	0	25	24							
E106D...35///...		3.5	0.32	0	20	19							
E106D...40///...		4	0.36	0	16	15							
E106D...45///...		4.5	0.41	0	14	13							
E106D...52///...		5.2	0.47	0	10	9							
E106D...64///...		6.4	0.64	0	5	4.5							

① Seal — Example: E106CB20///20E NBR seal
② Coil — Coil 230V 50/60Hz

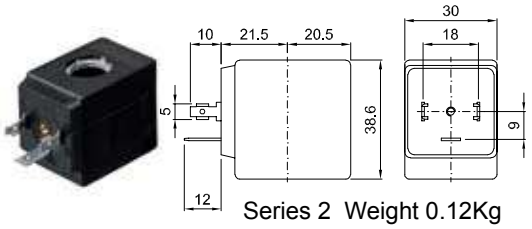
* REMARK: The maximum allowable pressure PS for steam is 6bar with PTFE seals and 2,5bar with EPDM seals

Series **106**

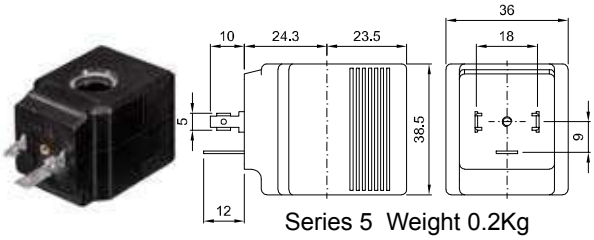
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code ②**	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code ②**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

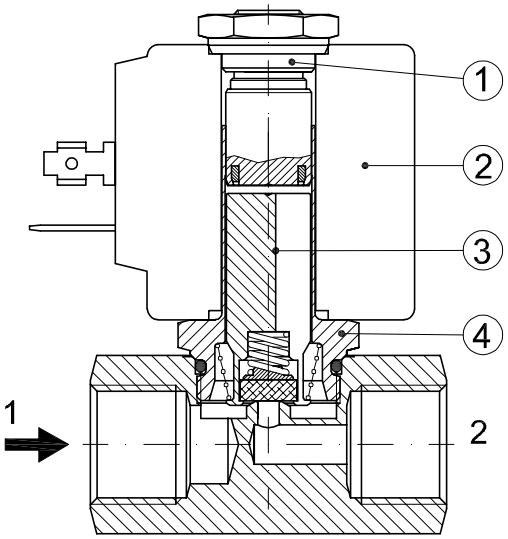


Series 2 Weight 0.12Kg

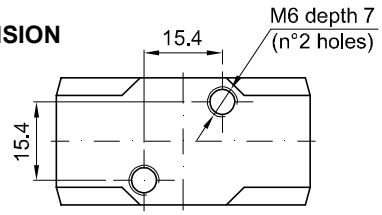


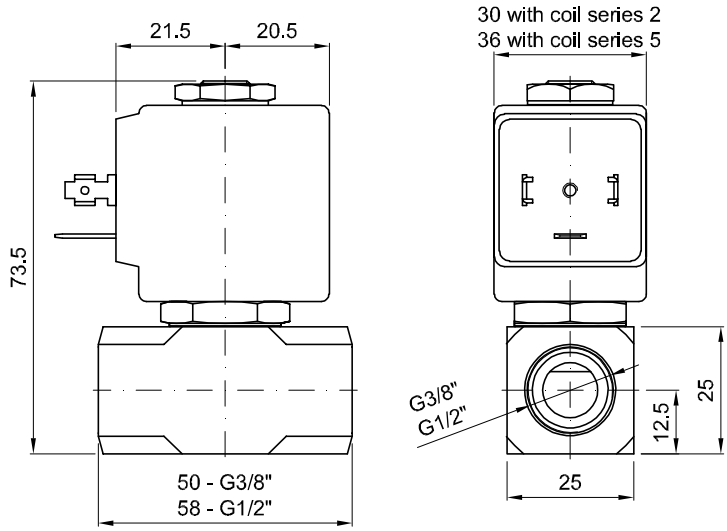
Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube with core



OVERALL DIMENSION





Weight with coil series 2=0.36Kg
Weight with coil series 5=0.44Kg

DESCRIPTION

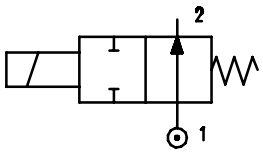
Solenoid valve 2 way normally open
direct acting poppet type

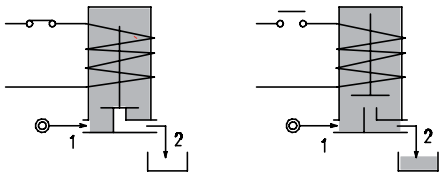
CONSTRUCTION

Body	Brass
Armature tube	Brass
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM

FEATURES

Maximum allowable pressure 50bar*
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Universal mounting position





OPTIONS: Stainless steel armature tube
Electroless nickel plating

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E206A...15///...	1/8”	1.5	0.07	0	23	-	20	15	-	2	30	NBR=B	-10 +90
E206A...20///...		2	0.1	0	17	-							
E206A...25///...		2.5	0.15	0	12	-							
E206A...35///...		3.5	0.32	0	7	-							
E206A...15///...	1/8”	1.5	0.07	0	23	23	40	30	27	5	36	EPDM=E	-10 +140
E206A...20///...		2	0.1	0	17	17							
E206A...25///...		2.5	0.15	0	12	12							
E206A...35///...		3.5	0.32	0	7	7							
D206A...15/3/...	1/8”	1.5	0.07	0	-	18	-	-	10	2	30	FPM=V	-10 +130
D206A...20/3/...		2	0.1	0	-	11							
D206A...25/3/...		2.5	0.15	0	-	7							
D206A...35/3/...		3.5	0.32	0	-	4							

① Seal
② Coil

Example: E206BB20///20E NBR seal
Coil 230V 50/60Hz

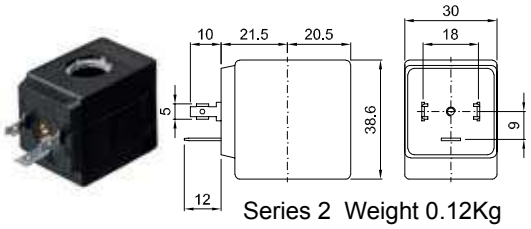
* REMARK: The maximum allowable pressure PS for steam is 2,5bar (gauge pressure)

Series **206**

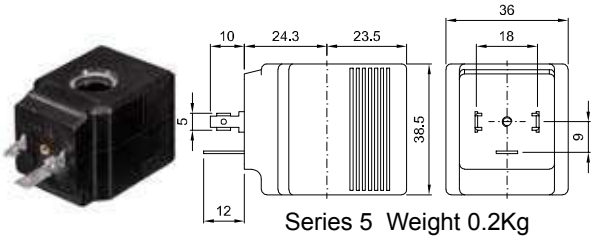
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code ②**	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code ②**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

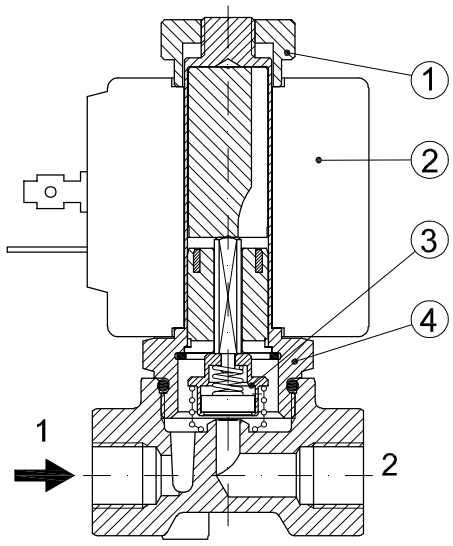


Series 2 Weight 0.12Kg

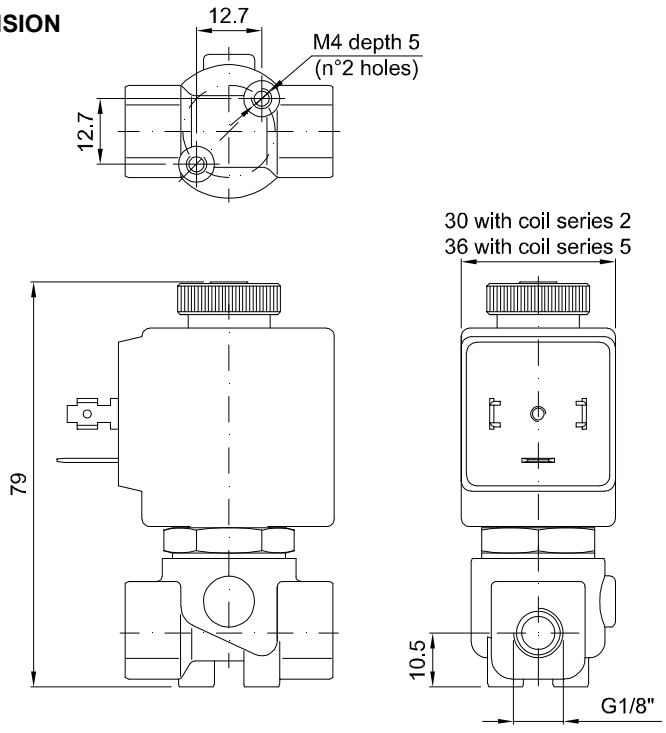


Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Seal assembly
4. Armature tube with core



OVERALL DIMENSION



Weight with coil series 2=0.30Kg
Weight with coil series 5=0.38Kg

DESCRIPTION

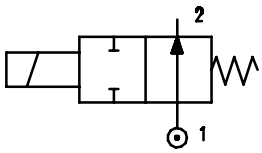
Solenoid valve 2 way normally open
direct acting poppet type

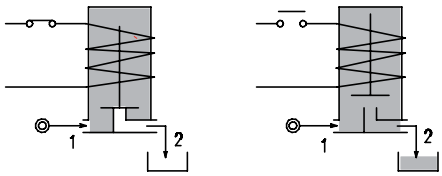
CONSTRUCTION

Body	Brass
Armature tube	Brass
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM

FEATURES

Maximum allowable pressure 50bar*
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Universal mounting position





OPTIONS: Stainless steel armature tube
Electroless nickel plating

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E206B...15///...	1/4”	1.5	0.07	0	23	-	20	15	-	2	30		
E206B...20///...		2	0.1	0	17	-							
E206B...25///...		2.5	0.15	0	12	-							
E206B...35///...		3.5	0.32	0	7	-							
E206B...45///...		4.5	0.41	0	4.5	-							
E206B...52///...		5.2	0.47	0	3	-							
E206B...15///...	1/4”	1.5	0.07	0	23	23	40	30	27	5	36	NBR=B	-10 +90
E206B...20///...		2	0.1	0	17	17							
E206B...25///...		2.5	0.15	0	12	12							
E206B...35///...		3.5	0.32	0	7	7						EPDM=E	-10 +140
E206B...45///...		4.5	0.41	0	4.5	4.5							
E206B...52///...		5.2	0.47	0	3	3							
E206B...64///...		6.4	0.64	0	3.5	3.5						FPM=V	-10 +130
D206B...15/3/...	1/4”	1.5	0.07	0	-	18	-	-	10	2	30		
D206B...20/3/...		2	0.1	0	-	11							
D206B...25/3/...		2.5	0.15	0	-	7							
D206B...35/3/...		3.5	0.32	0	-	4							
D206B...45/3/...		4.5	0.41	0	-	3							
D206B...52/3/...		5.2	0.47	0	-	2.2							

① Seal
② Coil

Example: E206BB35///20E NBR seal
Coil 230V 50/60Hz

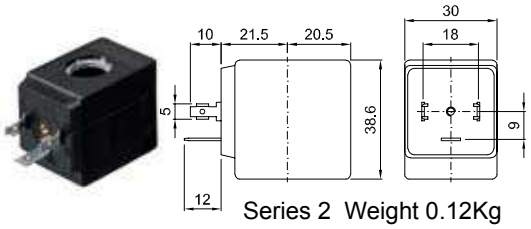
* REMARK: The maximum allowable pressure PS for steam is 2,5bar (gauge pressure)

Series **206**

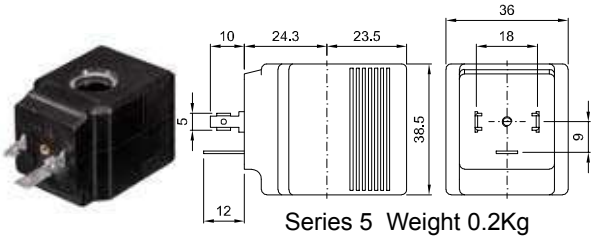
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code ②**	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code ②**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

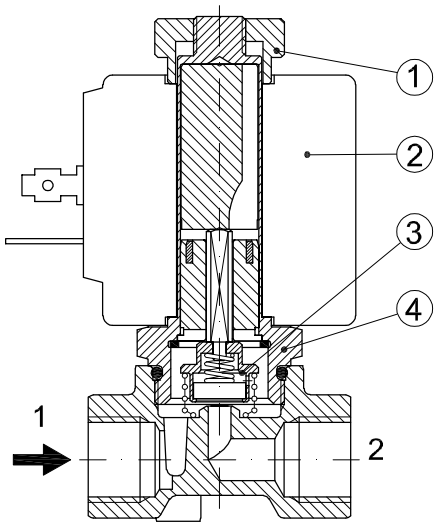


Series 2 Weight 0.12Kg

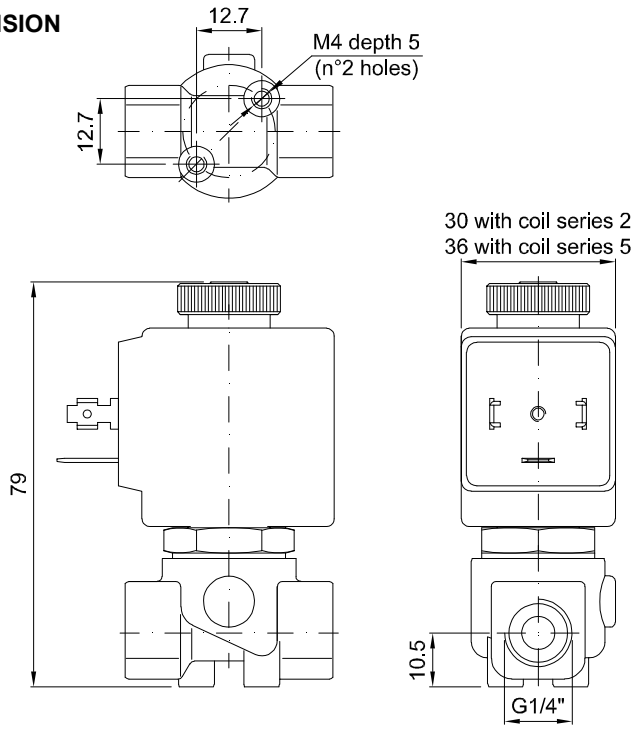


Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Seal assembly
4. Armature tube with core



OVERALL DIMENSION



Weight with coil series 2=0.30Kg
Weight with coil series 5=0.38Kg

DESCRIPTION

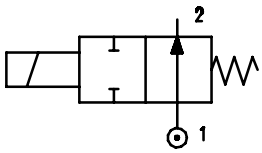
Solenoid valve 2 way normally open
direct acting poppet type

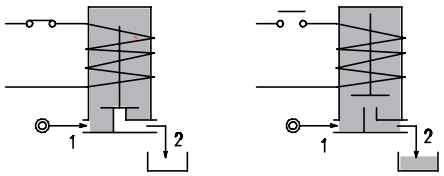
CONSTRUCTION

Body	Brass
Armature tube	Brass
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM

FEATURES

Maximum allowable pressure 50bar*
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Universal mounting position





OPTIONS: Stainless steel armature tube
Electroless nickel plating

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E206C...30///...	3/8”	3	0.25	0	9	-	20	15	-	2	30	NBR=B	-10 +90
E206C...35///...		3.5	0.32	0	7	-							
E206C...40///...		4	0.36	0	5.5	-							
E206C...45///...		4.5	0.41	0	4.5	-							
E206C...52///...		5.2	0.47	0	3	-							
E206C...30///...	3/8”	3	0.25	0	9	9	40	30	27	5	36		
E206C...35///...		3.5	0.32	0	7	7							
E206C...40///...		4	0.36	0	5.5	5.5						EPDM=E	-10 +140
E206C...45///...		4.5	0.41	0	4.5	4.5							
E206C...52///...		5.2	0.47	0	3	3							
E206C...64///...		6.4	0.64	0	3.5	3.5						FPM=V	-10 +130
D206C...30/3/...	3/8”	3	0.25	0	-	6.5	-	-	10	2	30		
D206C...35/3/...		3.5	0.32	0	-	4							
D206C...40/3/...		4	0.36	0	-	3.5							
D206C...45/3/...		4.5	0.41	0	-	3							
D206C...52/3/...		5.2	0.47	0	-	2.2							

① Seal
② Coil

Example: E206CB45///20B NBR seal
Coil 24V 50/60Hz

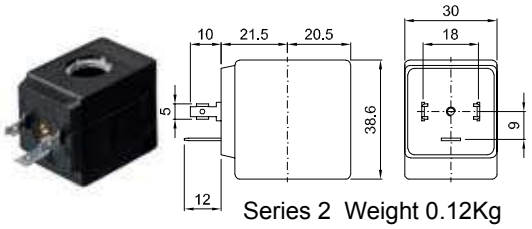
* REMARK: The maximum allowable pressure PS for steam is 2,5bar (gauge pressure)

Series **206**

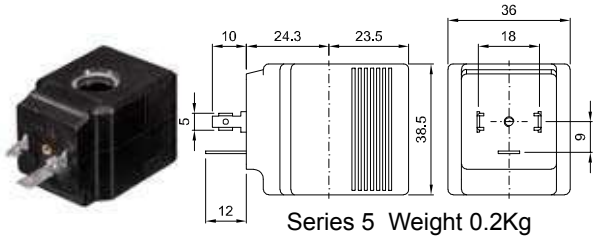
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code ②**	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code ②**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

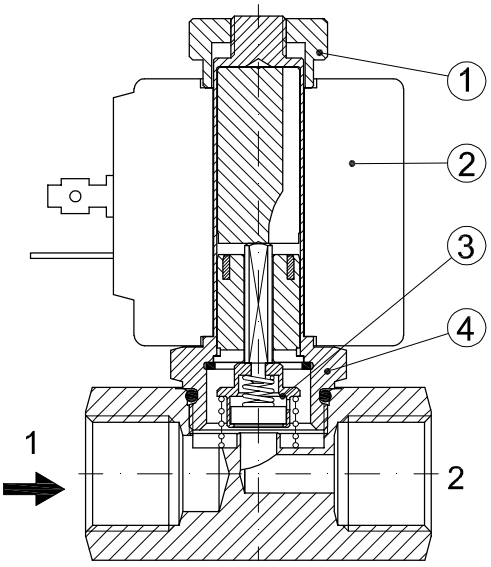


Series 2 Weight 0.12Kg

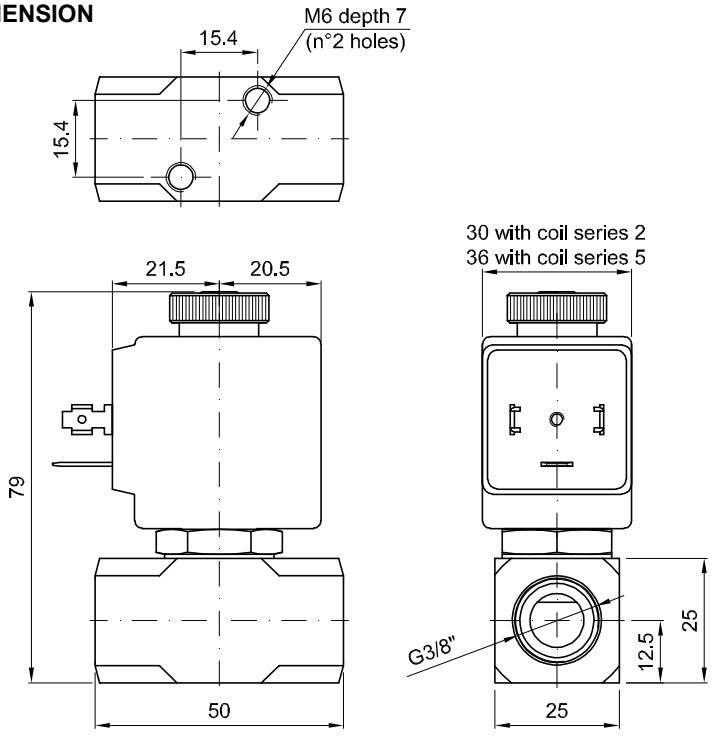


Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Seal assembly
4. Armature tube with core



OVERALL DIMENSION



Weight with coil series 2=0.30Kg
Weight with coil series 5=0.38Kg

DESCRIPTION

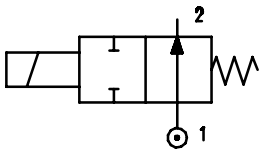
Solenoid valve 2 way normally open
direct acting poppet type

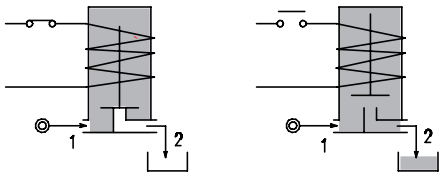
CONSTRUCTION

Body	Brass
Armature tube	Brass
Plunger and core	Stainless steel
Springs	Stainless steel
Seal material	NBR
	FPM
	EPDM

FEATURES

Maximum allowable pressure 50bar*
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Universal mounting position





OPTIONS: Stainless steel armature tube
Electroless nickel plating

CODE ① ②	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal ①	Temp. range °C
E206D...30///...	1/2”	3	0.25	0	9	-	20	15	-	2	30	NBR=B	-10 +90
E206D...35///...		3.5	0.32	0	7	-							
E206D...40///...		4	0.36	0	5.5	-							
E206D...45///...		4.5	0.41	0	4.5	-							
E206D...52///...		5.2	0.47	0	3	-							
E206D...30///...	1/2”	3	0.25	0	9	9	40	30	27	5	36		
E206D...35///...		3.5	0.32	0	7	7							
E206D...40///...		4	0.36	0	5.5	5.5						EPDM=E	-10 +140
E206D...45///...		4.5	0.41	0	4.5	4.5							
E206D...52///...		5.2	0.47	0	3	3							
E206D...64///...		6.4	0.64	0	3.5	3.5						FPM=V	-10 +130
D206D...30/3/...	1/2”	3	0.25	0	-	6.5	-	-	10	2	30		
D206D...35/3/...		3.5	0.32	0	-	4							
D206D...40/3/...		4	0.36	0	-	3.5							
D206D...45/3/...		4.5	0.41	0	-	3							
D206D...52/3/...		5.2	0.47	0	-	2.2							

① Seal
② Coil

Example: E206DB45///20B NBR seal
Coil 24V 50/60Hz

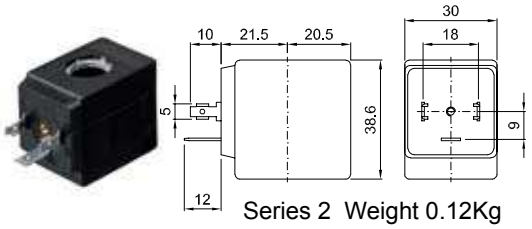
* REMARK: The maximum allowable pressure PS for steam is 2,5bar (gauge pressure)

Series **206**

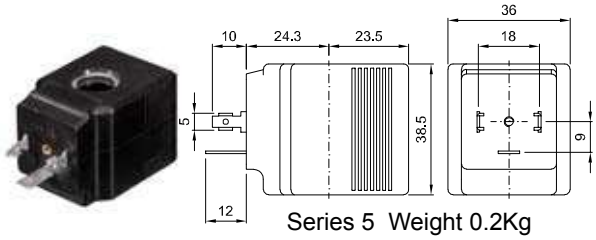
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code ②**	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code ②**	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

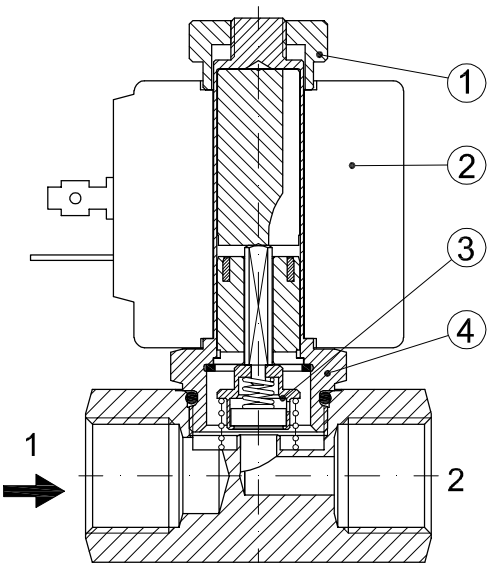


Series 2 Weight 0.12Kg

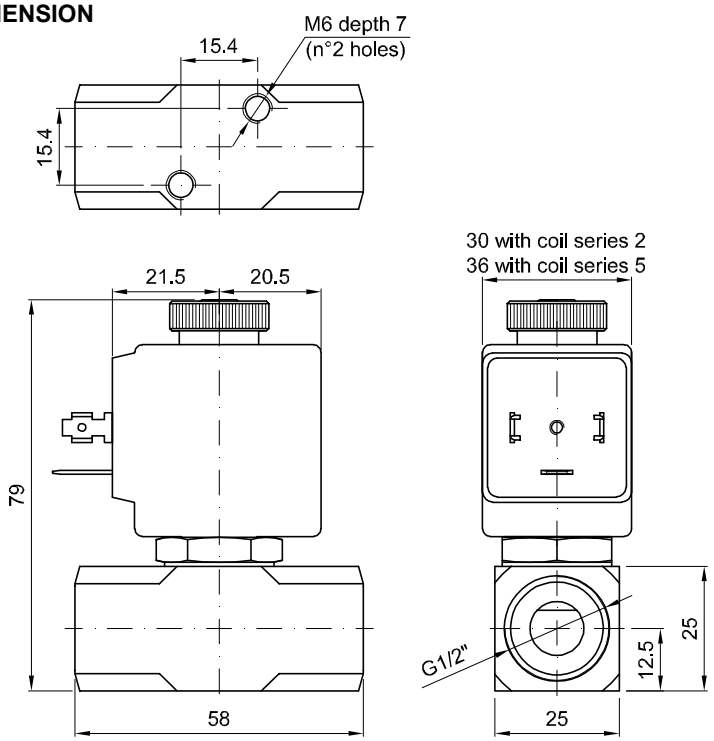


Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Seal assembly
4. Armature tube with core



OVERALL DIMENSION



Weight with coil series 2=0.30Kg
Weight with coil series 5=0.38Kg

DESCRIPTION

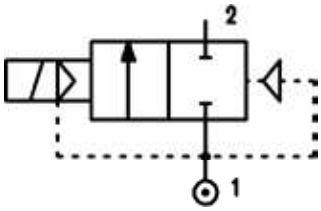
Solenoid valve 2 way normally closed
with servo-assisted piston

CONSTRUCTION

Body and cover	Brass
Armature tube	Stainless steel
Plunger and core	Stainless steel
Springs	Stainless steel
Piston	Brass
Piston seal	PTFE reinforced
Seal material	Main seal PTFE, other FPM

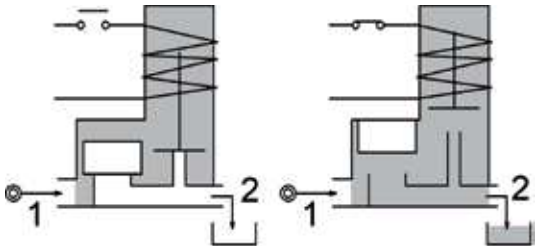
FEATURES

Minimum differential pressure 1 bar
Maximum allowable pressure 60 bar
Maximum fluid viscosity 25cSt (mm^2/s)
Ambient temperature: with class F coil -10°C +55°C
with class H coil -10°C +80°C
Preferred mounting position with vertical coil above



4

OPTIONS: Electroless nickel plating



CODE ①	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal	Temp. range °C
E119BV52///...	**1/4”**	**5.2**	**0.47**	**1.5**	**50**	**50**							
E119CV12///...	**3/8”**	**12**	**2**	**1**	**30**	**30**	**20**	**15**	**10**	**2**	**30**		
E119DV12///...	**1/2”**	**12**	**2.2**	**1**	**30**	**30**						**PTFE/ FPM**	**-10 +130**
②E119CV12/1/...	**3/8”**	**12**	**2**	**1**	**50**	**50**							
②E119DV12/1/...	**1/2”**	**12**	**2.2**	**1**	**50**	**50**	**40**	**30**	**27**	**5**	**36**		

① Seal
② Maximum allowable pressure 60 bar

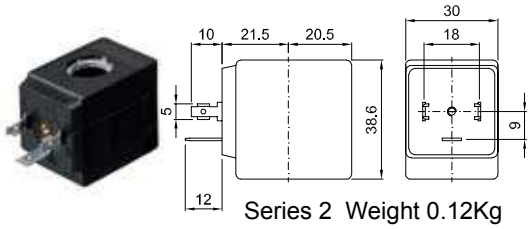
Example: E119DV12/1/521 FPM seal
Coil 24V DC
Maximum differential pressure 50bar

Series **119**

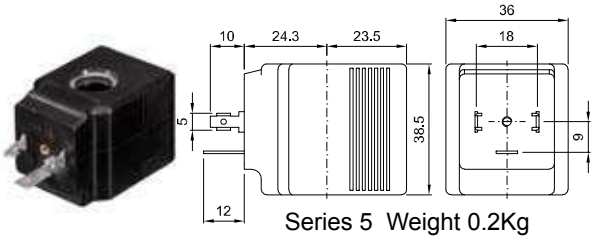
COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code** ②	**20A**	**20B**	**20C**	**20D**	**20E**	**20F**	**20G**	**200**	**201**	**202**	**DIN 43650A**	**PG9 code 10349000**
Series **5** **Width 36** **Code** ②	**52A**	**52B**	**52C**	**52D**	**52E**	**52F**	**52G**	**520**	**521**	**522**	**DIN 43650A**	**PG11 code 10349001**

DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Class H insulation (series 2)
Cable attached
Special coil voltage
Special coil powers

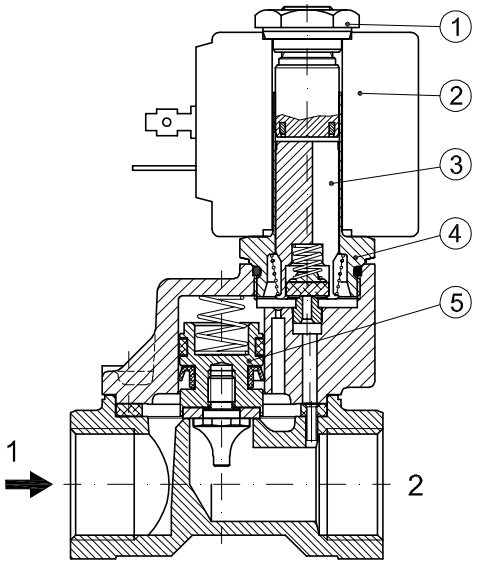


Series 2 Weight 0.12Kg

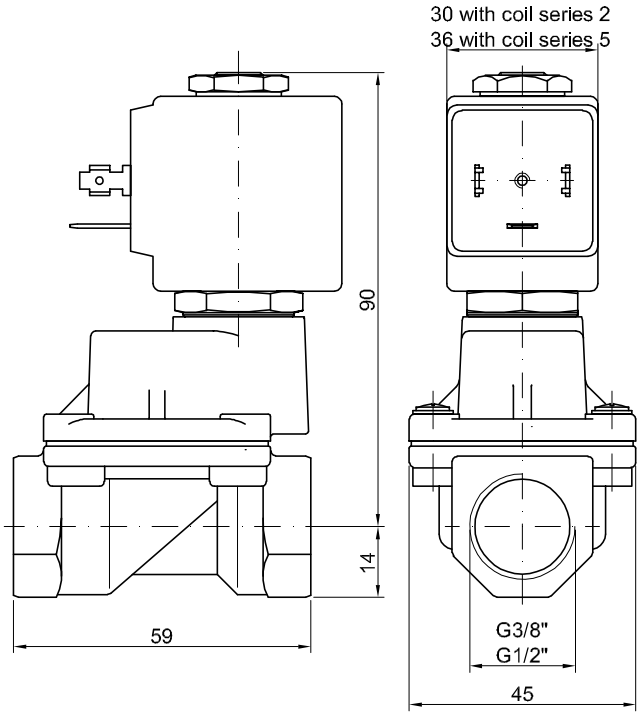


Series 5 Weight 0.2Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube with core
5. Piston assembly



OVERALL DIMENSION



Weight with coil series 2=0.63Kg
Weight with coil series 5=0.71Kg

DESCRIPTION

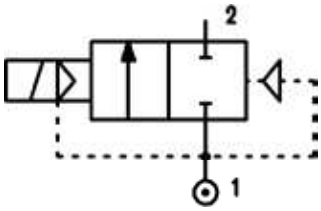
Solenoid valve 2 way normally closed
with servo-assisted piston for use with steam

CONSTRUCTION

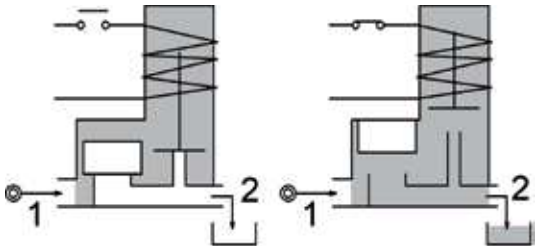
Body and cover	Brass
Armature tube	Stainless steel
Plunger and core	Stainless steel
Springs	Stainless steel
Piston	Stainless steel
Piston seal	PTFE reinforced
Seal material	Main seal PTFE, other FPM

FEATURES

Minimum differential pressure 2,5 bar
Ambient temperature with class H coil only: -10°C +80°C
Preferred mounting position with vertical coil above



OPTIONS: Electroless nickel plating



CODE ①	Connection G ISO 228	Orifice mm	Kv m^3/h	Differential pressure bar Min	Max AC	Max DC	Nominal power AC Inrush	VA Holding	DC Watt	Coil Series	Coil Width	Seal	Temp. range °C
E119CW12/1/...	**3/8”**	**12**	**2**	**2.5**	**9**	**9**	**20**	**15**	**10**	**2**	**30**	**PTFE/ FPM**	**-10 +180**
E119DW12/1/...	**1/2”**	**12**	**2.2**	**2.5**	**9**	**9**							

① Seal
Maximum allowable leakage <0.2Nl/h

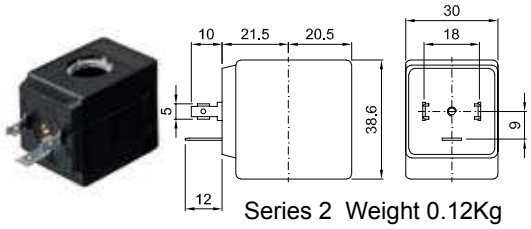
Example: E119DW12/1/221 FPM seal
Coil 24V DC

Series **119W**

COILS	Alternating Current 50/60Hz Volt							Direct Current Volt			Electrical connection	Connectors
	12	24	48	110	220 230	240	380	12	24	48		
Series **2** **Width 30** **Code** ②	**22A**	**22B**	**22C**	**22D**	**22E**	**22F**	**22G**	**220**	**221**	**222**	**DIN 43650A**	**PG9 code 10349000**

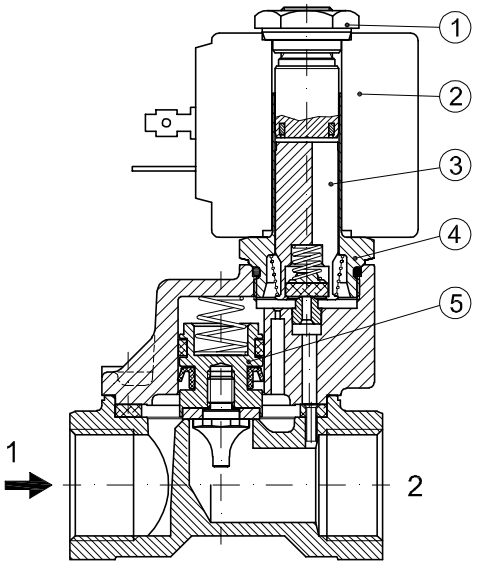
DESCRIPTION
Insulation class
Series 2 =F Series 5=H
Voltage tolerance
AC +15% -10%
DC ± 10%
Protection class
IP65 with connector fitted
IP00 without connector
Continuous service ED100%

OPTIONS
Cable attached
Special coil voltage
Special coil powers

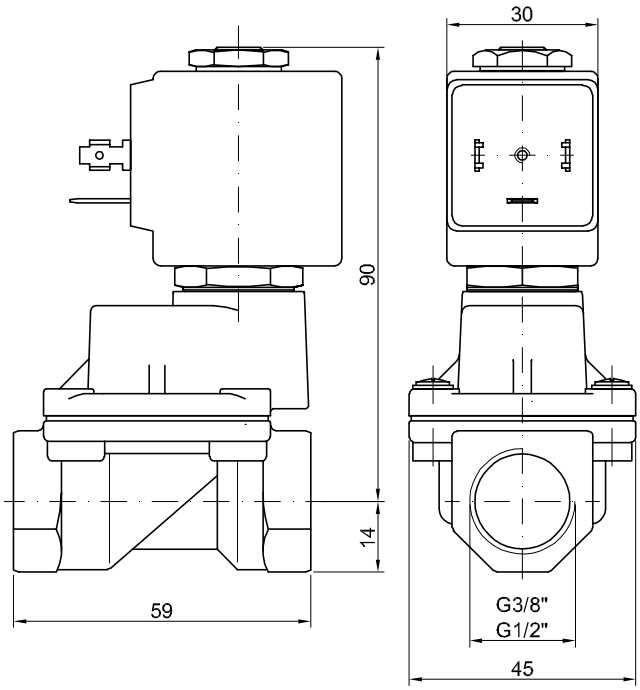


Series 2 Weight 0.12Kg

SPARE PARTS LIST
1. Coil fixing nut
2. Coil
3. Plunger
4. Armature tube with core
5. Piston assembly



OVERALL DIMENSION



Weight=0.63Kg

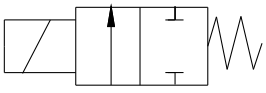
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”G.M.- Portagomma Ø6**
  Connection 1/8”G. Male- Hose Holder Ø6
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/B *DIN 43650/B*
Bobina: *Coil:*	SM7Ø10 *SM7Ø10*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	FKM
Temperatura: *Temperature:*	FKM -10°C +155°C

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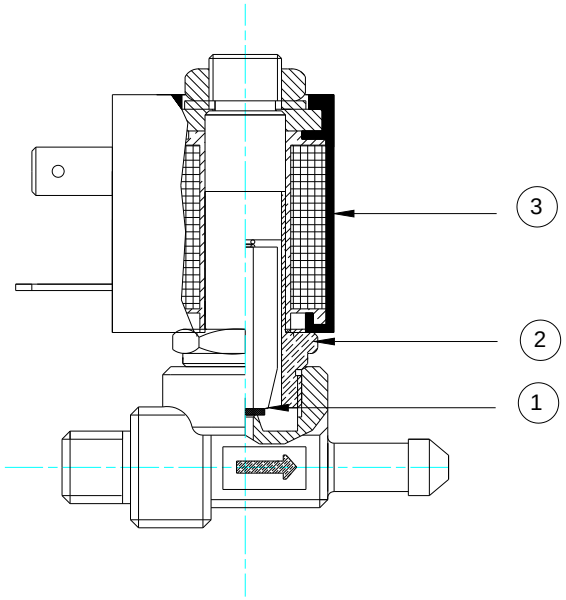
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	FKM				gr
					AC	DC		AC	DC	AC	DC.					
5005*	1/8”	1,5	0.06	00	15	10-8	80°	10	7-4	14	10	•				130

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00188
Guide tube:

3-Nucleo mobile: Cod. 00675 FKM
Plunger:

3-Bobina
Coil

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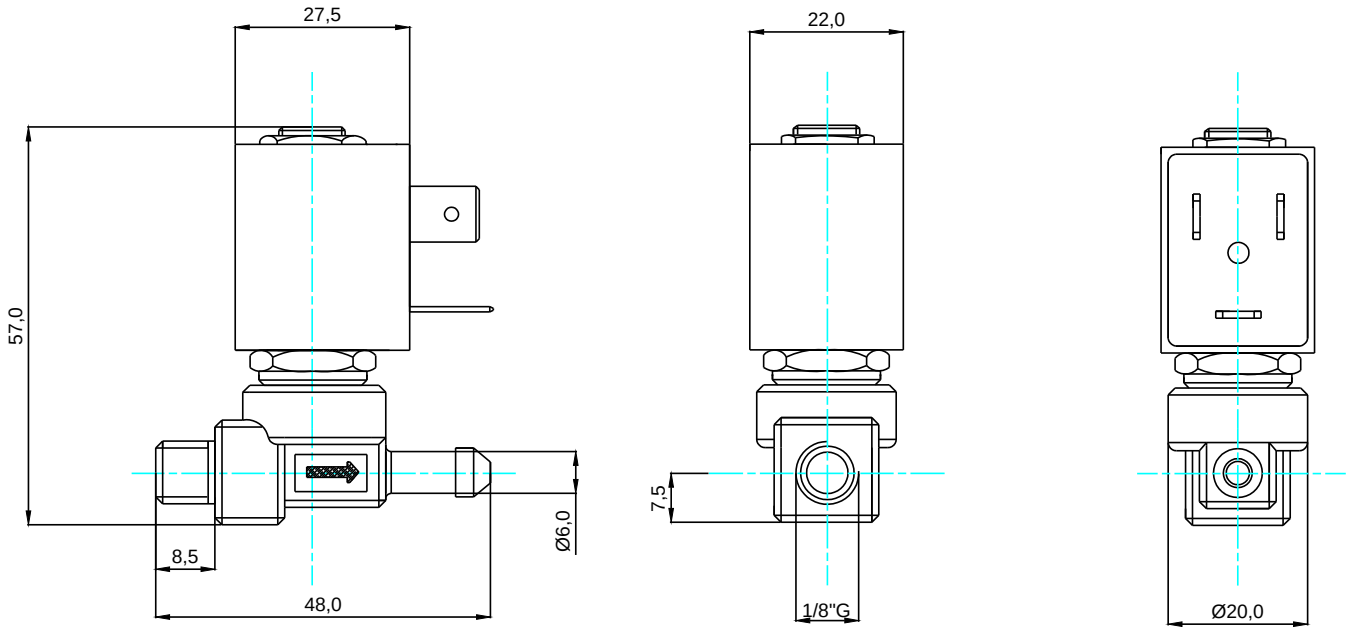
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02930 Forma B Pg9
Connector DIN43650: *Cod.02930 Form B Pg9*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM7
COPERTURA IXEF
ENCAPSULATION IXEF

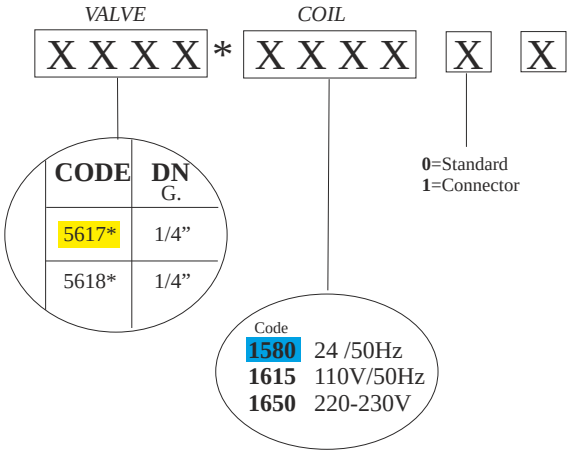
AC

Code
1798 12 /50Hz 9VA
1807 24 /50Hz 9VA
1808 48 /50Hz 9VA
1785 110V/50Hz 9VA
1790 230V/50Hz 9VA

DC

1800 12V DC 4W
1804 12V DC 7W
1806 24V DC 4W
1805 24V DC 7W

CODE ORDER:



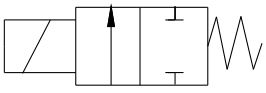
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”G.**
  Connection 1/8”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/B *DIN 43650/B*
Bobina: *Coil:*	SM7Ø10 *SM7Ø10*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	FKM
Temperatura: *Temperature:*	FKM -10°C +155°C

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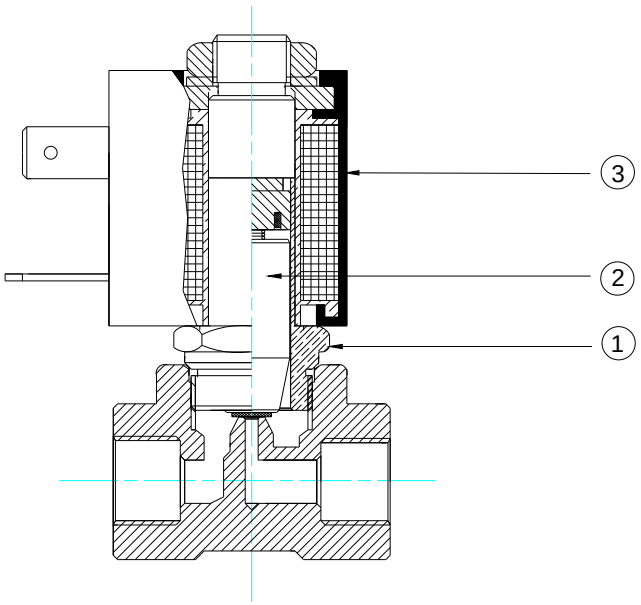
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	FKM				gr
					AC	DC		AC	DC	AC	DC.					
5400*	1/8”	1,5	0.06	00	15	10-8	80°	10	7-4	14	10	•				130
5401*	1/8”	1,8	0.09	00	15	10-8	80°	10	7-4	14	10	•				130

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00188
Guide tube:

3-Nucleo mobile: Cod. 00675 FKM
Plunger:

3-Bobina
Coil

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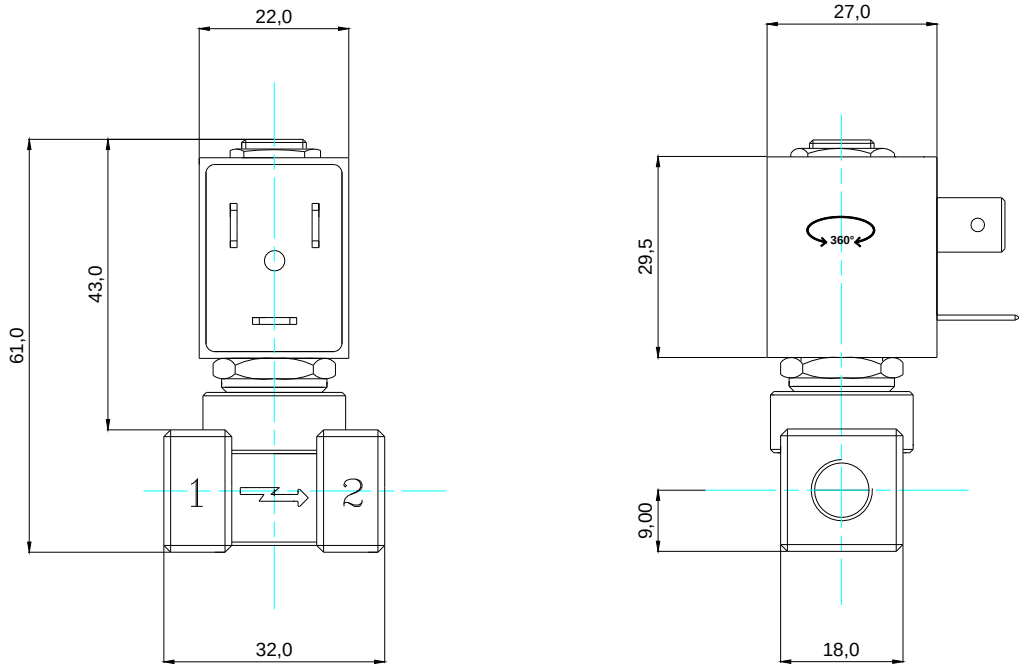
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02930 Forma B Pg9
Connector DIN43650: *Cod.02930 Form B Pg9*

Portagomma: Cod.03350 -1/8”G. Ø6 -
Cod.03350 -1/8”G.Ø6-

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM7
COPERTURA IXEF
ENCAPSULATION IXEF

AC

Code		
1798	12 /50Hz	9VA
1807	24 /50Hz	9VA
1808	48 /50Hz	9VA
1785	110V/50Hz	9VA
1790	230V/50Hz	9VA

DC

1800	12V DC	4W
1804	12V DC	7W
1806	24V DC	4W
1805	24V DC	7W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

0=Standard
1=Connector

CODE	DN G.
5617*	1/4”
5618*	1/4”

Code	
1580	24 /50Hz
1615	110V/50Hz
1650	220-230V

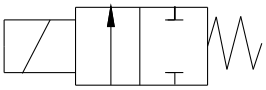
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 3/8”G.**
  Connection 3/8”G.
- **Temperatura fino a 155°**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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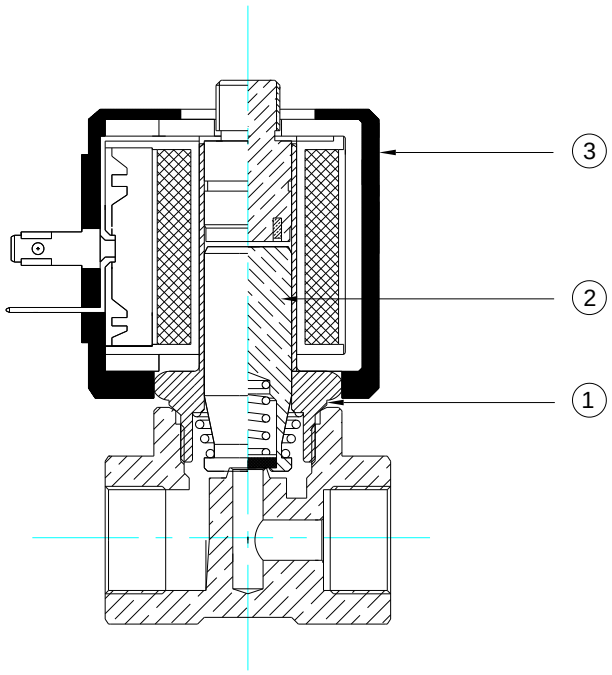
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM	PTFE	RUBINO	gr
					AC	DC		AC	DC	AC	DC.					
5326*	3/8”	2,8	0.26	00	20	14	80°	22	12	30	15	•				380
5327*	3/8”	2,8	0.26	00	20	14	80°	22	12	30	15		•			380
5324*	3/8”	3,5	0.30	00	15	8	80°	22	12	30	15	•				380
5329*	3/8”	3,5	0.30	00	15	8	80°	22	12	30	15		•			380
5331*	3/8”	4,5	0.51	00	10	6	70°	32	17	40	23	•				380
5330*	3/8”	4,5	0.51	00	10	6	70°	32	17	40	23		•			380
5335*	3/8”	5,5	0.56	00	8	4	70°	36	17	45	23	•				380

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida:
Guide tube:
Cod.00140 DC
Cod.00140 DC
Cod.00150 AC
Cod.00150 AC

2-Nucleo mobile:
Plunger:
Cod.00680/E EPDM
Cod.00680 FKM
Cod.04325 PTFE
Cod.00695 RUBINO
Cod.00740 FKM Ø5,5

3-Bobina
Coil

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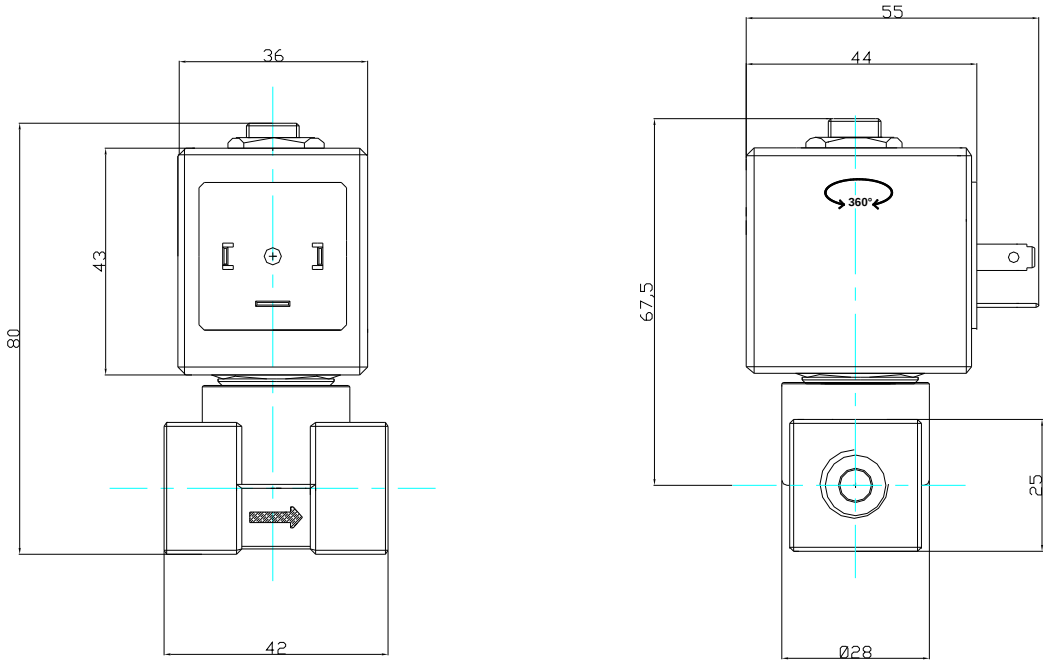
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE *COIL*

X X X X * X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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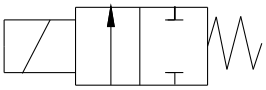
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 3/8”G.**
  Connection 3/8”G.
- **Temperatura fino a 155°**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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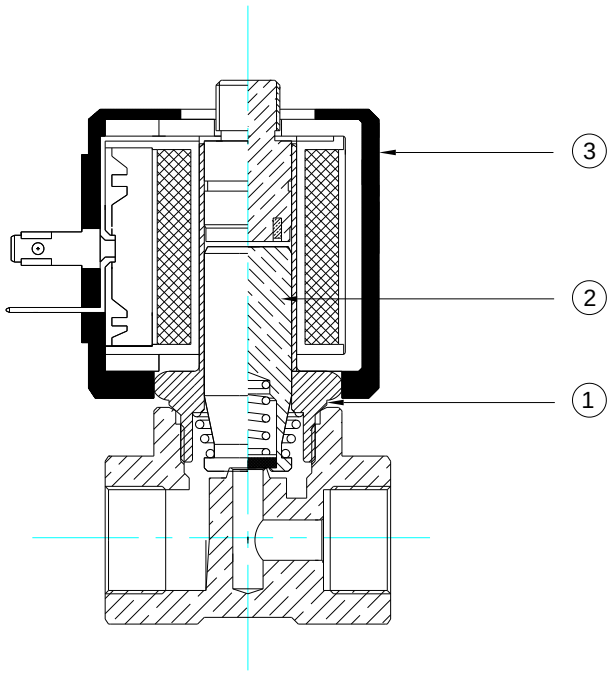
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM	PTFE	RUBINO	gr
					AC	DC		AC	DC	AC	DC.					
5326*	3/8”	2,8	0.26	00	20	14	80°	22	12	30	15	•				380
5327*	3/8”	2,8	0.26	00	20	14	80°	22	12	30	15		•			380
5324*	3/8”	3,5	0.30	00	15	8	80°	22	12	30	15	•				380
5329*	3/8”	3,5	0.30	00	15	8	80°	22	12	30	15		•			380
5331*	3/8”	4,5	0.51	00	10	6	70°	32	17	40	23	•				380
5330*	3/8”	4,5	0.51	00	10	6	70°	32	17	40	23		•			380
5335*	3/8”	5,5	0.56	00	8	4	70°	36	17	45	23	•				380

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida:
Guide tube:
Cod.00140 DC
Cod.00140 DC
Cod.00150 AC
Cod.00150 AC

2-Nucleo mobile:
Plunger:
Cod.00680/E EPDM
Cod.00680 FKM
Cod.04325 PTFE
Cod.00695 RUBINO
Cod.00740 FKM Ø5,5

3-Bobina
Coil

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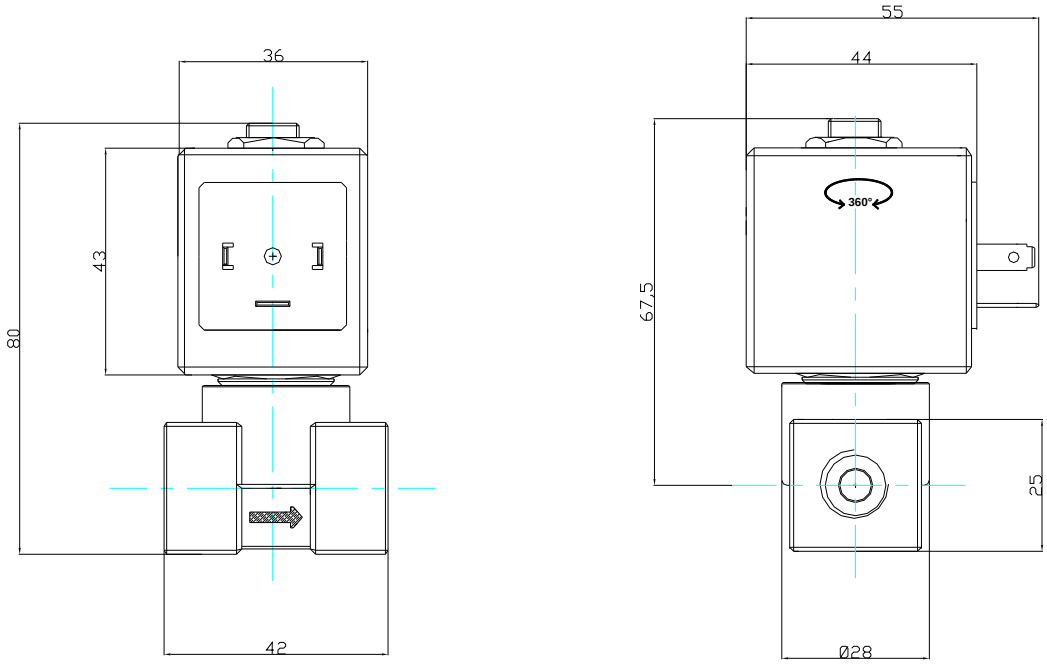
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE *COIL*

X X X X * X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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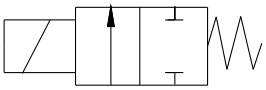
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/2”G.**
  Connection 1/2”G.
- **Temperatura fino a 155°**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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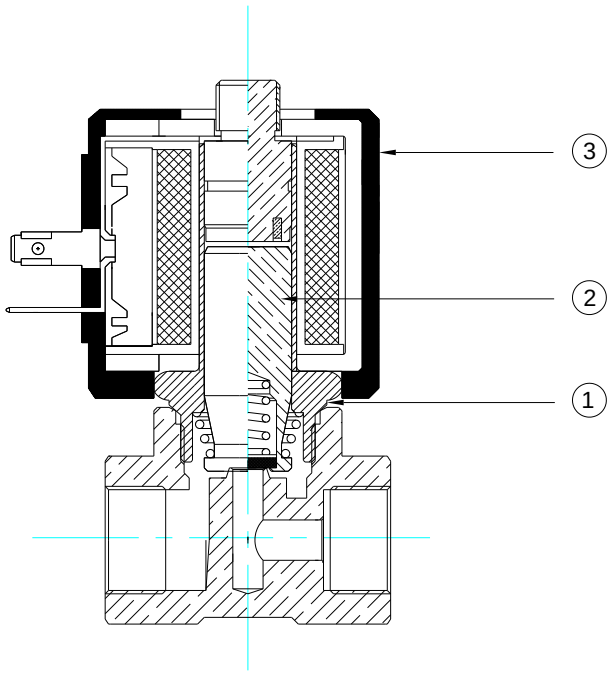
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM	PTFE	RUBINO	gr
					AC	DC		AC	DC	AC	DC.					
5345*	1/2”	2,8	0.26	00	20	14	80°	22	12	30	15	•				380
5346*	1/2”	2,8	0.26	00	20	14	80°	22	12	30	15		•			380
5347*	1/2”	3,5	0.30	00	15	8	80°	22	12	30	15	•				380
5348*	1/2”	3,5	0.30	00	15	8	80°	22	12	30	15		•			380
5349*	1/2”	4,5	0.51	00	10	6	70°	32	17	40	23	•				380
5350*	1/2”	4,5	0.51	00	10	6	70°	32	17	40	23		•			380
5365*	1/2”	5,5	0.56	00	8	4	70°	36	17	45	23	•				380

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida:
Guide tube:
Cod.00140 DC
Cod.00140 DC
Cod.00150 AC
Cod.00150 AC

2-Nucleo mobile:
Plunger:
Cod.00680/E EPDM
Cod.00680 FKM
Cod.04325 PTFE
Cod.00695 RUBINO
Cod.00740 FKM Ø5,5

3-Bobina
Coil

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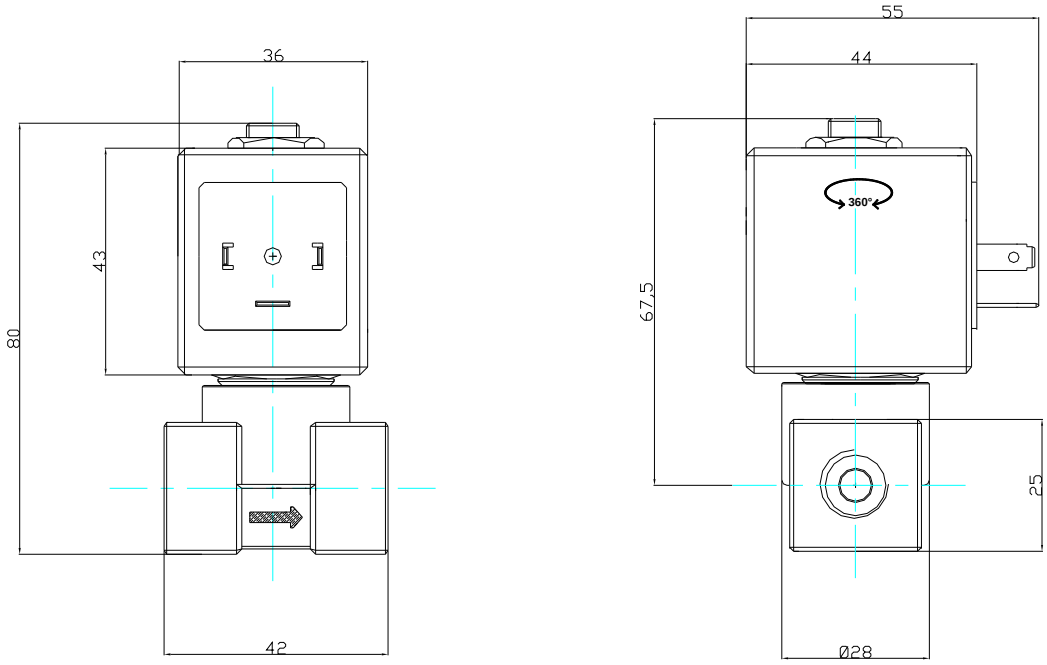
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: Cod.02920 Form A Pg9

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3 *For Ø from mm 1 to 3*

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5 *For Ø from mm 3 to 4,5*

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5 *For Ø mm 5,5*

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3 *For Ø from mm 1 to 3*

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5 *For Ø from mm 3 to 4,5*

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5 *For Ø mm 5,5*

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE *COIL*

X X X X * X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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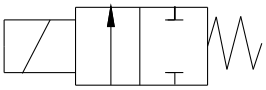
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/2”G.**
  Connection 1/2”G.
- **Temperatura fino a 155°**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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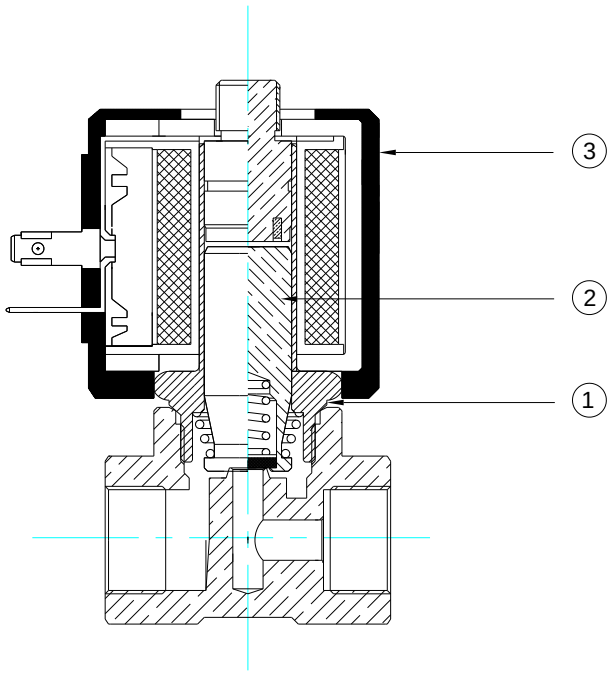
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM	PTFE	RUBINO	gr
					AC	DC		AC	DC	AC	DC.					
5345*	1/2”	2,8	0.26	00	20	14	80°	22	12	30	15	•				380
5346*	1/2”	2,8	0.26	00	20	14	80°	22	12	30	15		•			380
5347*	1/2”	3,5	0.30	00	15	8	80°	22	12	30	15	•				380
5348*	1/2”	3,5	0.30	00	15	8	80°	22	12	30	15		•			380
5349*	1/2”	4,5	0.51	00	10	6	70°	32	17	40	23	•				380
5350*	1/2”	4,5	0.51	00	10	6	70°	32	17	40	23		•			380
5365*	1/2”	5,5	0.56	00	8	4	70°	36	17	45	23	•				380

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida:
Guide tube:
Cod.00140 DC
Cod.00140 DC
Cod.00150 AC
Cod.00150 AC

2-Nucleo mobile:
Plunger:
Cod.00680/E EPDM
Cod.00680 FKM
Cod.04325 PTFE
Cod.00695 RUBINO
Cod.00740 FKM Ø5,5

3-Bobina
Coil

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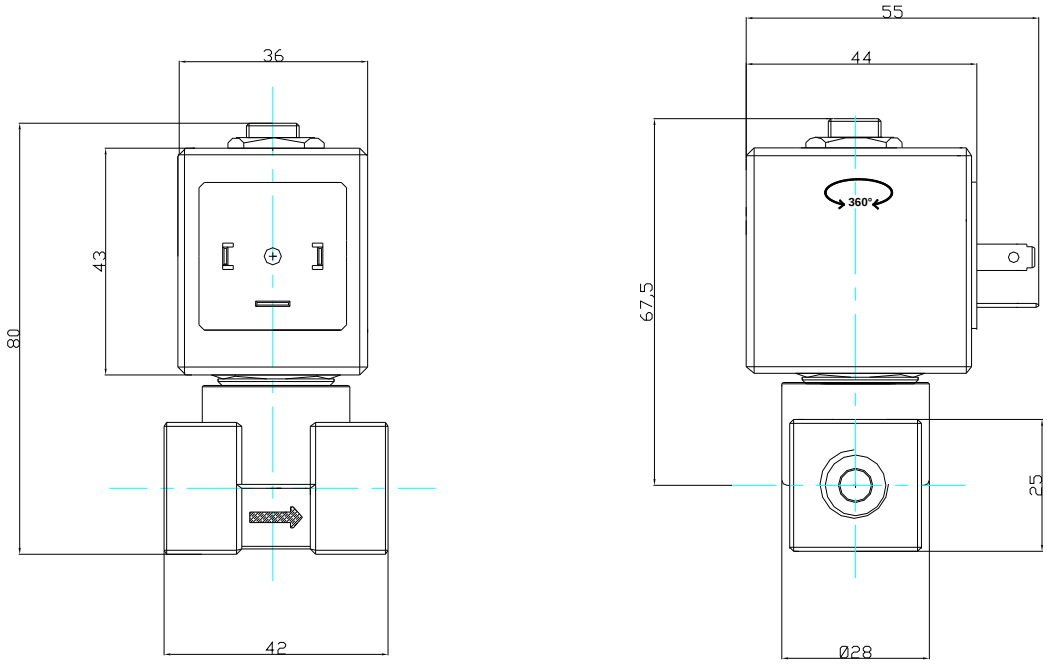
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: Cod.02920 Form A Pg9

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3 *For Ø from mm 1 to 3*

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5 *For Ø from mm 3 to 4,5*

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5 *For Ø mm 5,5*

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3 *For Ø from mm 1 to 3*

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5 *For Ø from mm 3 to 4,5*

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5 *For Ø mm 5,5*

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE *COIL*

X X X X * X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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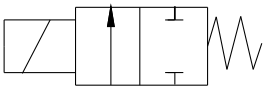
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8-1/4”G.**
  Connection 1/8-1/4”G.
- **Temperatura fino a 180°**
  Temperature up to 180°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-PTFE-RUBINO
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C PTFE -30°C +180°C RUBINO -40°C+180°C

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SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM	PTFE	RUBINO	gr
					AC	DC		AC	DC	AC	DC.					
5020*	1/8”	2,0	0.13	00	25	18	80°	22	17	30	23	•				340
5025*	1/8”	2,0	0.13	00	25	18	80°	22	17	30	23		•			340
5030*	1/8”	2,0	0.13	00	25	18	80°	22	17	30	23				•	340
5061*	1/8”	2,8	0.26	00	20	14	80°	22	17	30	23	•				340
5063*	1/8”	2,8	0.26	00	20	14	80°	22	17	30	23		•			340
5094*	1/8”	2,8	0.26	00	20	14	80°	22	17	30	23			•		340
5074*	1/8”	3,5	0.30	00	15	8	70°	32	17	40	23		•			340
5075*	1/8”	4,5	0.50	00	10	6	70°	32	17	40	23		•			340
5054*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23	•				330
5056*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23		•			330
5052*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23				•	330
5062*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23	•				330
5060*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23		•			330
5095*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23			•		330
5072*	1/4”	3,5	0.30	00	15	8	70°	32	17	40	23	•				330
5070*	1/4”	3,5	0.30	00	15	8	70°	32	17	40	23		•			330
5111*	1/4”	4,5	0.50	00	10	6	70°	32	17	40	23	•				330
5110*	1/4”	4,5	0.50	00	10	6	70°	32	17	40	23		•			330
5140*	1/4”	5,5	0.56	00	8	4	70°	36	27	45	35		•			330

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*

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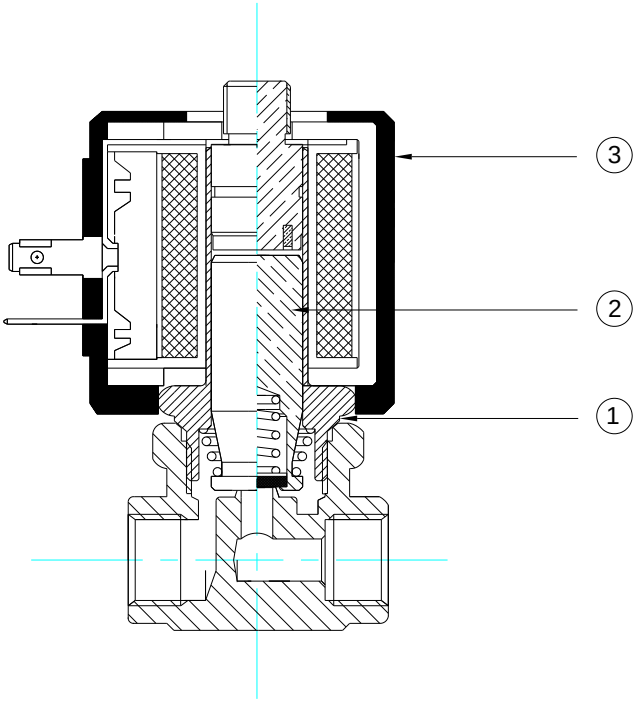
SATURN MAGNETIC
FLUID CONTROL SISTEM



RICAMBI
SPARE PARTS

1-Tubo guida: *Guide tube:*	Cod.00140 DC *Cod.00140 DC* Cod.00150 AC *Cod.00150 AC*
2-Nucleo mobile: *Plunger:*	Cod.00680/E EPDM Cod.00680 FKM Cod.04325 PTFE Cod.00695 RUBINO Cod.00740 FKM Ø5,5
3-Bobina *Coil*	

ACCESSORI
ACCESSORIES

Connettore DIN43650: *Connector DIN43650:* Cod.02920 Forma A PG9 *Cod.02920 Form A Pg9*

Portagomma: *Hose holder:* Cod.03260 -1/4”G. Ø6 - *Cod.03260 -1/4”G.Ø6-* Cod.03265 -1/4”G. Ø6 90°- *Cod.03265 -1/4”G. Ø6 90°-*

Filtro in ingresso: *Filter on inlet:* Cod.03212 - 1/4” Inox-

Staffa di fissaggio: *Mounting breaket:* Cod.03420

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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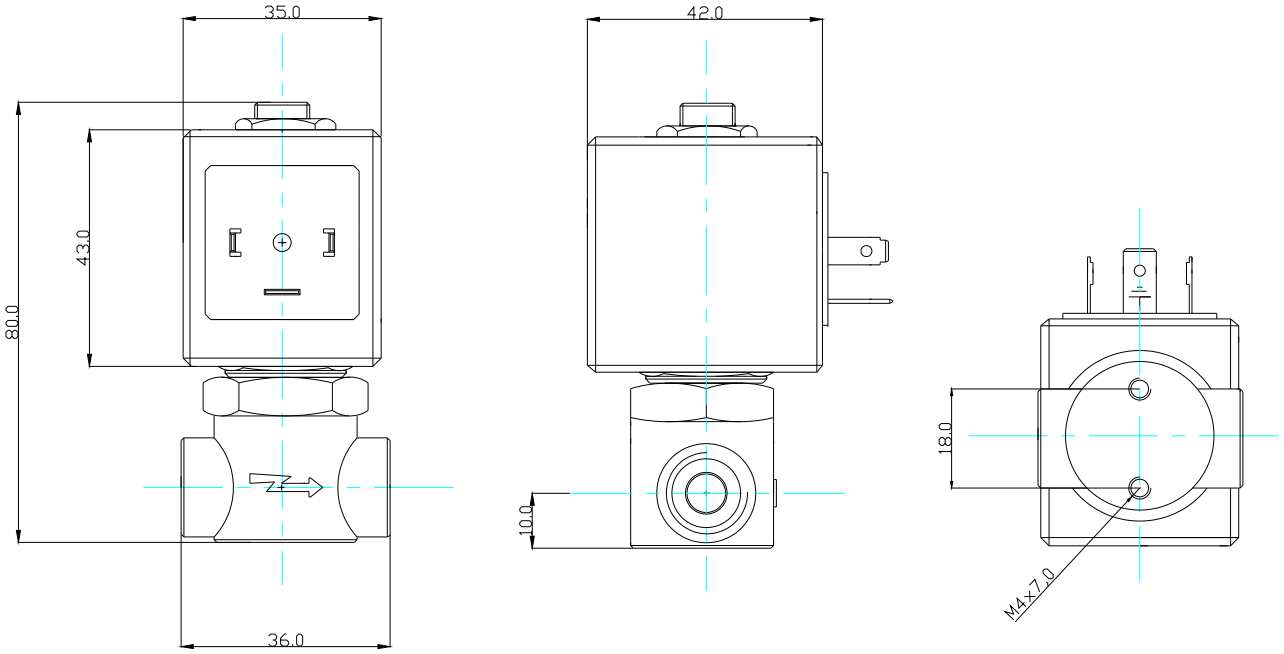
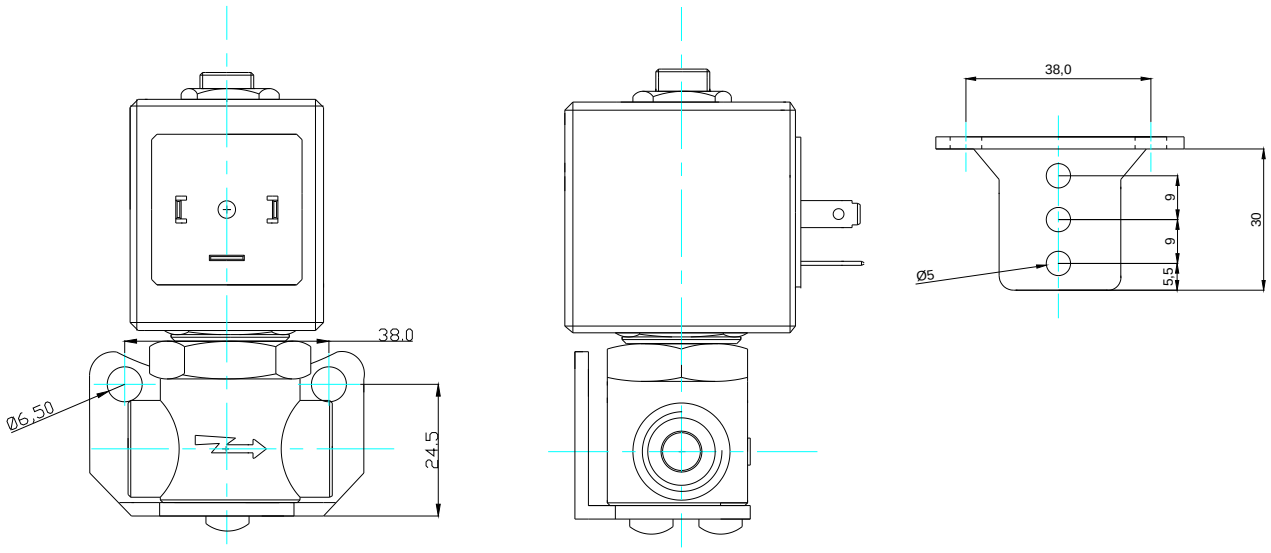
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



STAFFA DI FISSAGGIO
MOUNTING BREAKET



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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

5=Drill and tap M4x7mm

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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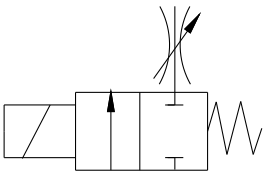
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Regolatore di portata manuale**
  Manual flow regulator
- **Connessione 1/4”G.**
  Connection 1/4”G.
- **Temperatura fino a 180°C**
  Temperature up to 180°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida e rondella in PTFE per la regolazione, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, washer in PTFE for the regulation, garantee endurance and reliability.



2/2 Normalmente chiusa con regolatore di portata.
2/2 Normally closed with flow regulator.

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-PTFE-RUBINO
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C PTFE -30°C +180°C RUBINO -40°C+180°C

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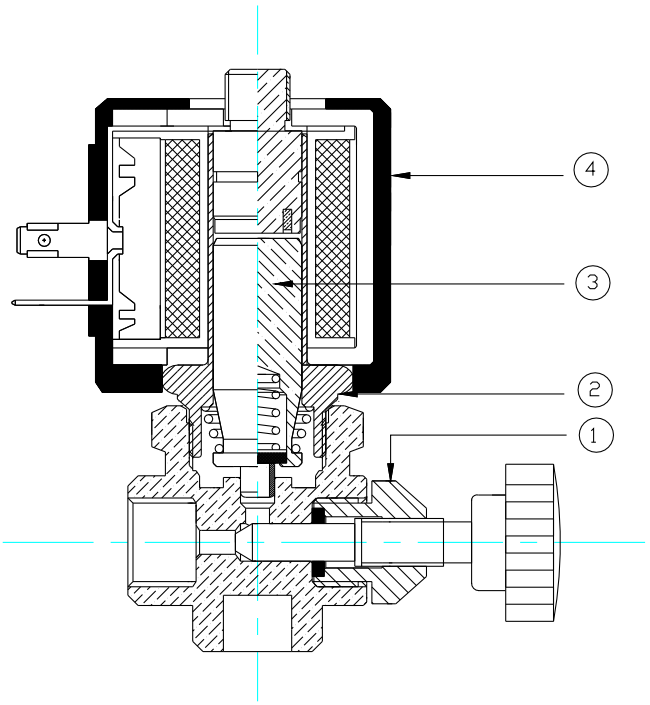
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN G.	Ø Int mm	kV M3/h	M.O.P.D. bar min	M.O.P.D. bar max AC	M.O.P.D. bar max DC	T.a.	Power VA AC	Power W DC	Inrush VA AC	Inrush W DC.	Seal EPDM	Seal FKM	Seal PTFE	Seal RUBINO	Weight gr
5617*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23	•				375
5618*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23		•			375
5619*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23			•		375
5650*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23				•	375
5632*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23	•				375
5630*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23		•			375
5690*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23			•		375
5642*	1/4”	3,5	0.30	00	15	8	70°	32	17	40	23	•				375
5640*	1/4”	3,5	0.30	00	15	8	70°	32	17	40	23		•			375

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Regolazione:
Mounted regulation:
Cod.02165 con pomello
Cod.02165 with ball grip
Cod.02160 taglio cacciavite
Cod.02160 slotted srew

2-Tubo guida:
Guide tube:
Cod.00140 DC
Cod.00140 DC
Cod.00150 AC
Cod.00150 AC

3-Nucleo mobile:
Plunger:
Cod.00680/E EPDM
Cod.00680 FKM
Cod.04325 PTFE
Cod.00695 RUBINO

4-Bobina
Coil

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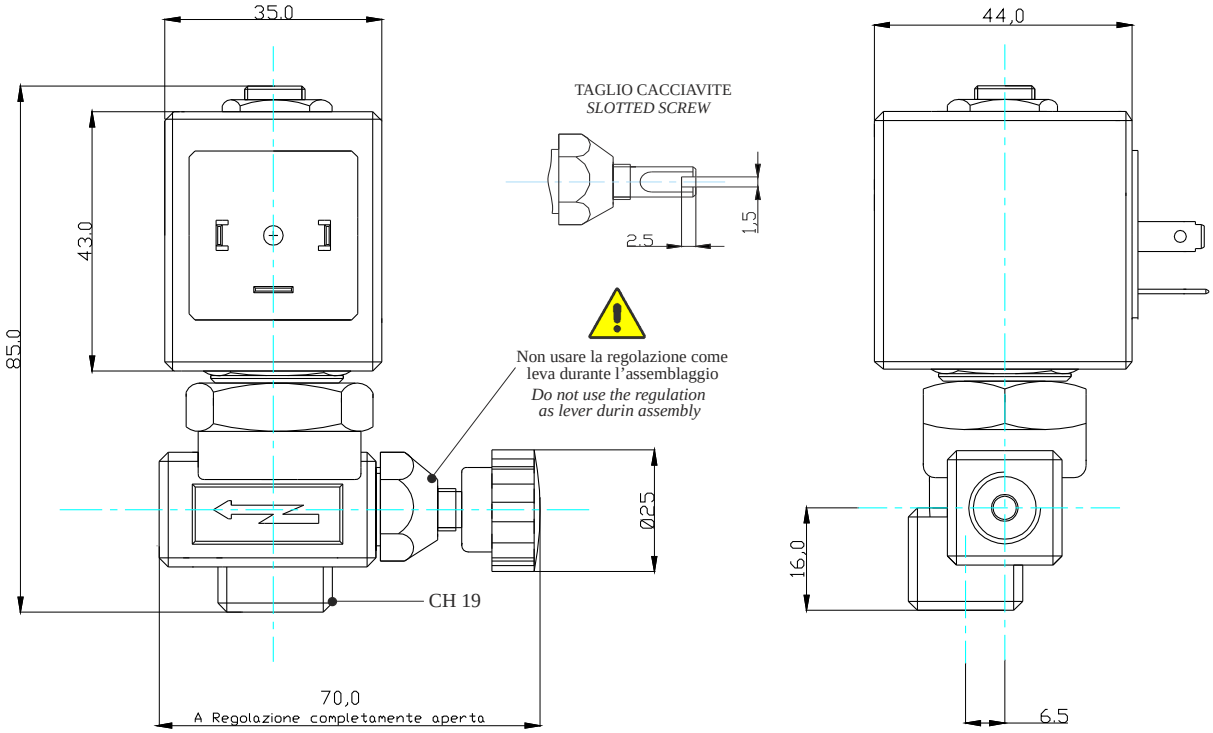
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: *Cod.02920 Form A Pg9*

Portagomma: Cod.03260 -1/4"G. Ø6 -
Hose holder: *Cod.03260 -1/4"G.Ø6-*
Cod.03265 -1/4"G. Ø6 90°-
Cod.03265 -1/4"G. Ø6 90°-

Filtro in ingresso: Cod.03212 -Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Regolazione taglio cacciavite
Slotted screw regulation

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

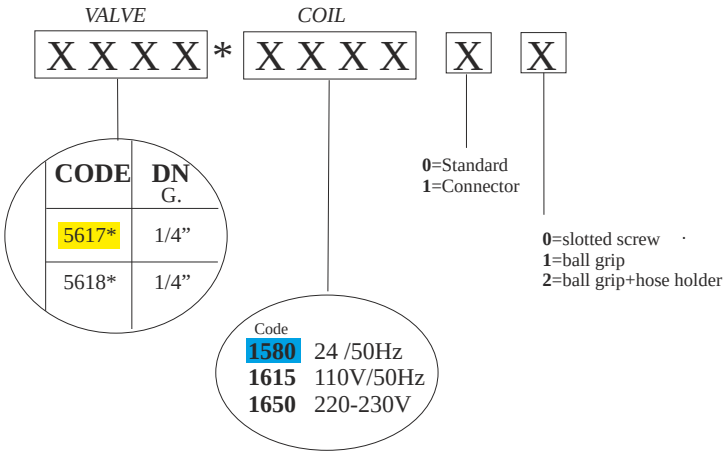
Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:



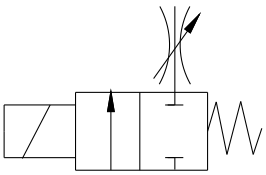
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Regolatore di portata manuale**
  Manual flow regulator
- **Connessione 1/4”G.**
  Connection 1/4”G.
- **Controdado di bloccaggio per la regolazione**
  Locking nut for regulation
- **Temperatura fino a 180°C**
  Temperature up to 180°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida e rondella in PTFE per la regolazione, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, washer in PTFE for the regulation, garantee endurance and reliability.



2/2 Normalmente chiusa con regolatore di portata.
2/2 Normally closed with flow regulator.

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-PTFE-RUBINO
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C PTFE -30°C +180°C RUBINO -40°C+180°C

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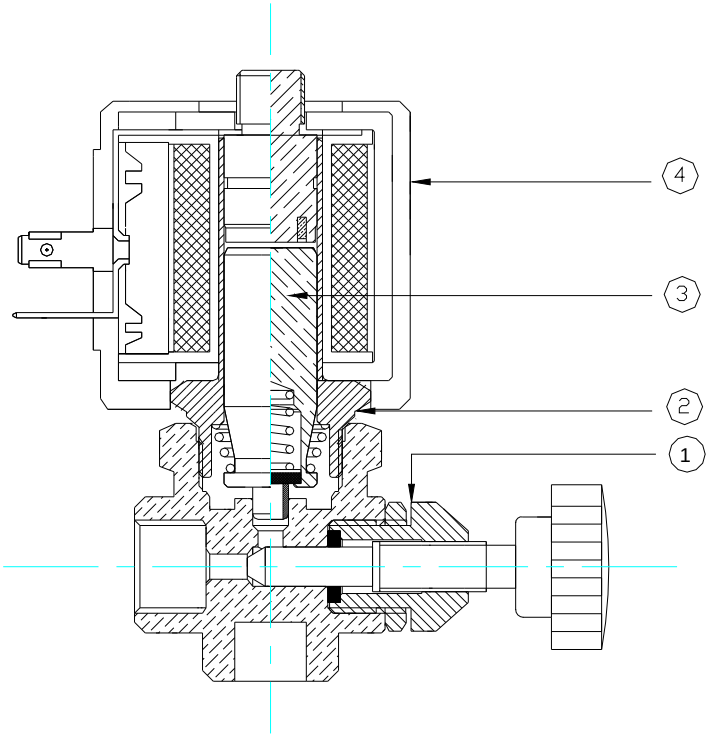
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	EPDM	FKM	PTFE	RUBINO	
5671*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23	•				375
5672*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23		•			375
5658*	1/4”	2,0	0.13	00	25	18	80°	22	17	30	23				•	375
5673*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23	•				375
5635*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23		•			375
5692*	1/4”	2,8	0.26	00	20	14	80°	22	17	30	23			•		375
5643*	1/4”	3,5	0.30	00	15	8	70°	32	17	40	23	•				375
5644*	1/4”	3,5	0.30	00	15	8	70°	32	17	40	23		•			375

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Regolazione:
Mounted regulation:
Cod.02174 con pomello
Cod.02174 with ball grip
Cod.02175 taglio cacciavite
Cod.02175 slotted srew

2-Tubo guida:
Guide tube:
Cod.00140 DC
Cod.00140 DC
Cod.00150 AC
Cod.00150 AC

3-Nucleo mobile:
Plunger:
Cod.00680/E EPDM
Cod.00680 FKM
Cod.04325 PTFE
Cod.00695 RUBINO

4-Bobina
Coil

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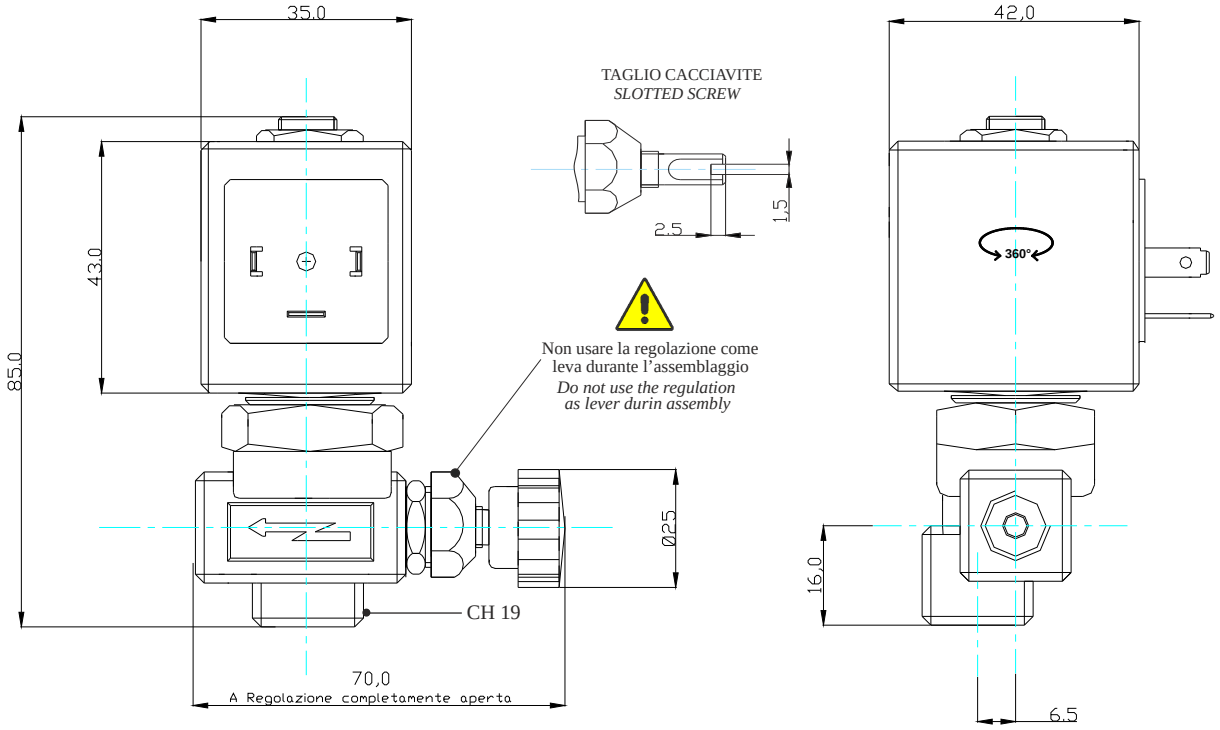
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: *Cod.02920 Form A Pg9*

Portagomma: Cod.03260 -1/4"G. Ø6 -
Hose holder: *Cod.03260 -1/4"G.Ø6-*
Cod.03265 -1/4"G. Ø6 90°-
Cod.03265 -1/4"G. Ø6 90°-

Filtro in ingresso: Cod.03212 -Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Regolazione taglio cacciavite
Slotted screw regulation

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE *COIL*

X X X X * X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

0=slotted screw
1=ball grip
2=ball grip+hose holder

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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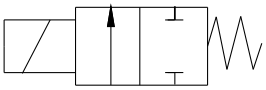
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”- 1/4”G.**
  Connection 1/8”- 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox/Ottone *Stainless stell/Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM6Ø13 *SM6Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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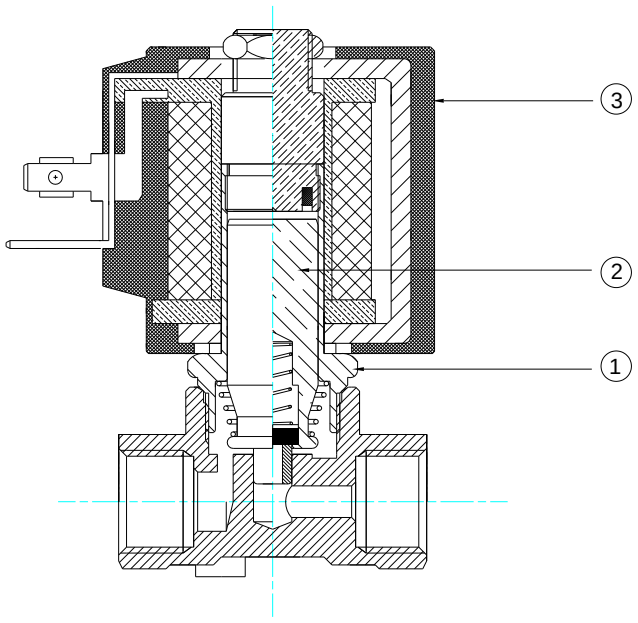
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	EPDM	FKM			
8128*	1/8”	2,8	0.18	00	12	10	80°	14	8	20	10	•	•			260
8228*	1/4”	2,8	0.18	00	12	10	80°	14	8	20	10	•	•			250
8135*	1/8”	3,5	0.30	00	10	8	80°	14	8	20	10	•	•			260
8235*	1/4”	3,5	0.30	00	10	8	80°	14	8	20	10	•	•			250
8245*	1/4”	4,5	0.52	00	6	4	80°	14	12	20	14	•	•			250

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00183
Guide tube:

3-Nucleo mobile: Cod. 00709 FKM
Plunger: Cod. 00709/E EPDM

3-Bobina
Coil

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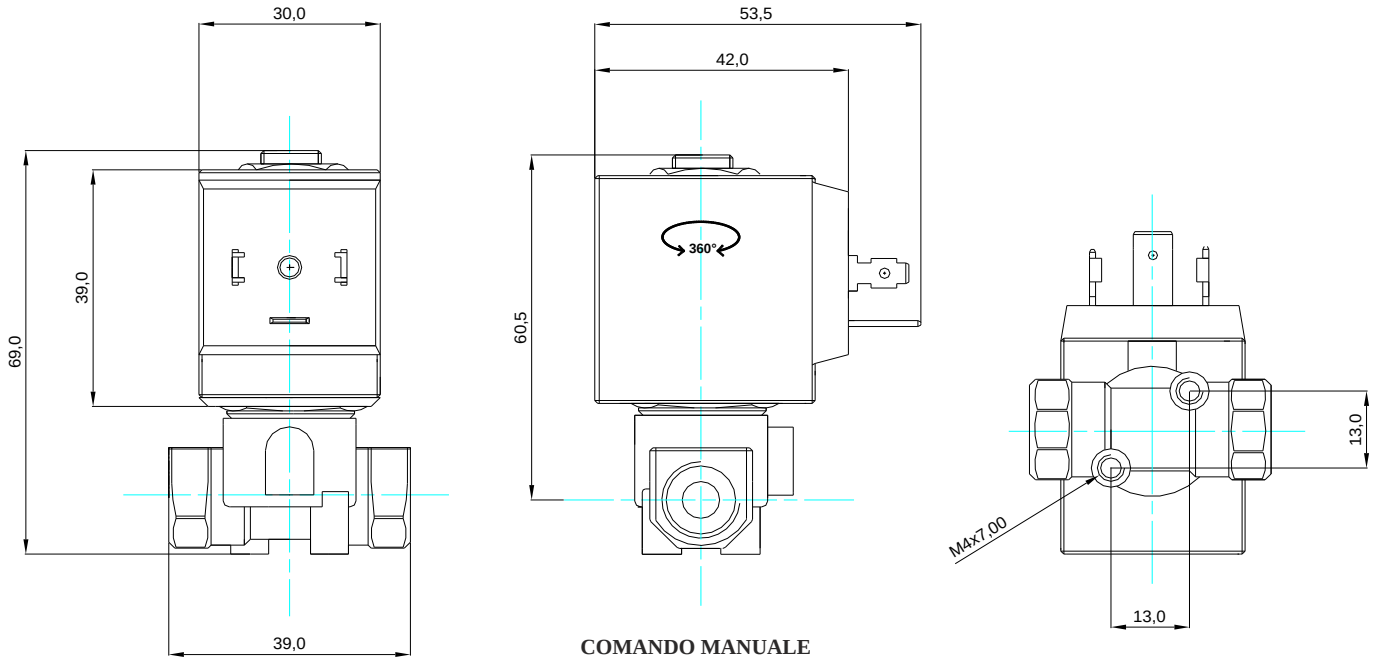
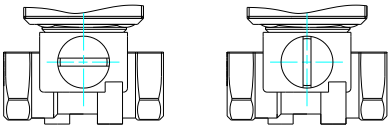
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



COMANDO MANUALE
MANUAL OVERRIDE



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: Cod.02920 Form A Pg9

Portagomma: Cod.03260 -1/4"G. Ø6 -
Hose holder: Cod.03260 -1/4"G.Ø6-
Cod.03265 -1/4"G. Ø6 90°-
Cod.03265 -1/4"G. Ø6 90°-

Filtro in ingresso: Cod.03212 - 1/4" Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

Comando manuale
Manual override

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM6
COPERTURA IXEF
ENCAPSULATION IXEF

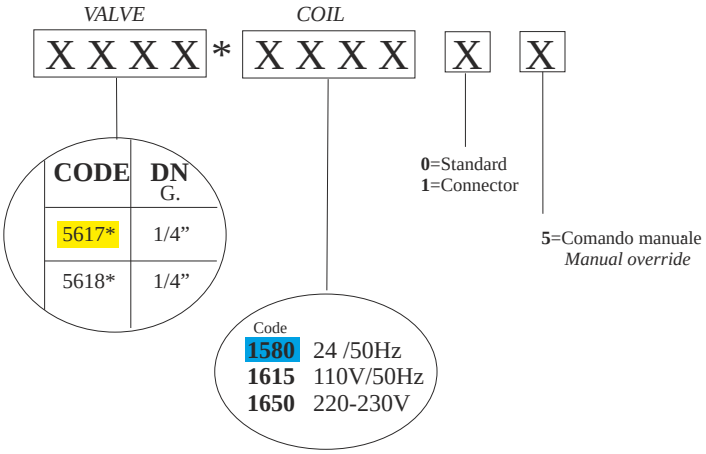
AC

Code		
1843	12 /50Hz	14VA
1847	24 /50Hz	14VA
1848	48 /50Hz	14VA
1846	110V/50Hz	14VA
1850	230V/50Hz	14VA

DC

1843	12V DC	12W
1809	24V DC	8W
1845	24V DC	12W

CODE ORDER:



***INDICARE TENUTA**
SPECIFY SEAL

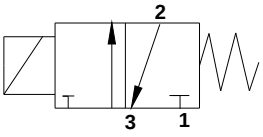
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 3/2 NORMALMENTE CHIUSA
3/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”- 1/4”G.**
  Connection 1/8”- 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, garantee endurance and reliability.



3/2 Normalmente chiusa
3/2 Normally closed with

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox/Ottone *Stainless stell/Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM6Ø13 *SM6Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	NBR-FKM
Temperatura: *Temperature:*	NBR -20°C +90°C FKM -10°C +155°C

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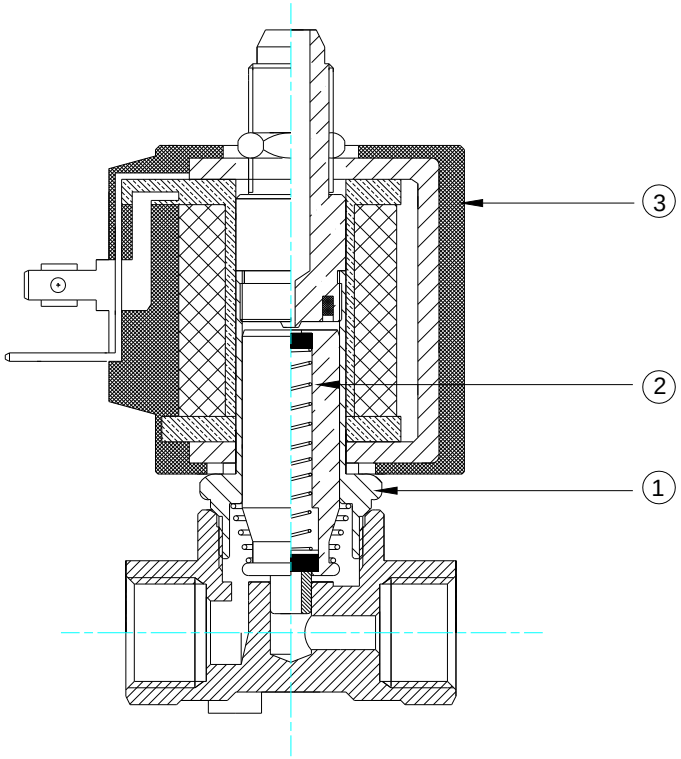
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	NBR	FKM			
8115*	1/8”	1,5	0.07	00	18	18	80°	14	8	20	10	•	•			260
8215*	1/4”	1,5	0.07	00	18	18	80°	14	8	20	10	•	•			250
8120*	1/8”	2,0	0.12	00	14	14	80°	14	8	20	10	•	•			260
8220*	1/4”	2,0	0.12	00	14	14	80°	14	8	20	10	•	•			250
.8125*	1/8”	2,5	0.17	00	10	10	80°	14	8	20	10	•	•			260
8225*	1/4”	2,5	0.17	00	10	10	80°	14	8	20	10	•	•			250

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00187
Guide tube:

3-Nucleo mobile: Cod. 00704VV FKM
Plunger: Cod. 00704NB NBR

3-Bobina
Coil

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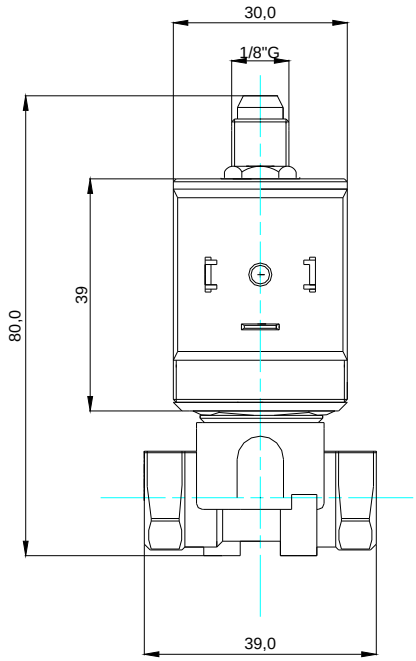
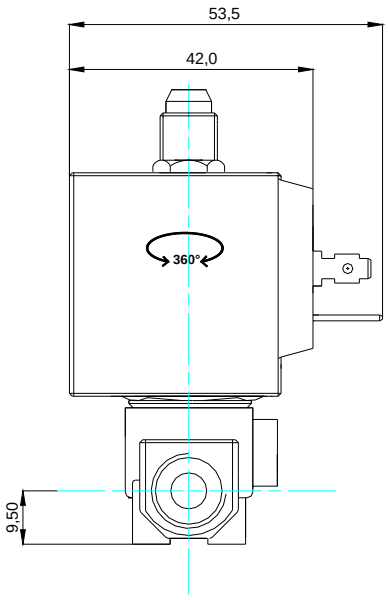
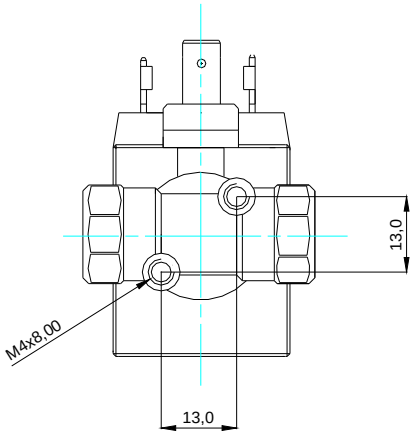
SATURN MAGNETIC
FLUID CONTROL SISTEM

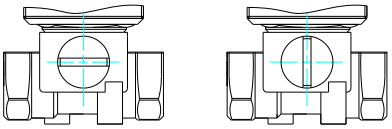
DIMENSIONI
MEASURES







COMANDO MANUALE
MANUAL OVERRIDE



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: Cod.02920 Form A Pg9

Portagomma: Cod.03260 -1/4”G. Ø6 -
Hose holder: Cod.03260 -1/4”G.Ø6-
Cod.03265 -1/4”G. Ø6 90°-
Cod.03265 -1/4”G. Ø6 90°-

Filtro in ingresso: Cod.03212 - 1/4” Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

Comando manuale
Manual override

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM6
COPERTURA IXEF
ENCAPSULATION IXEF

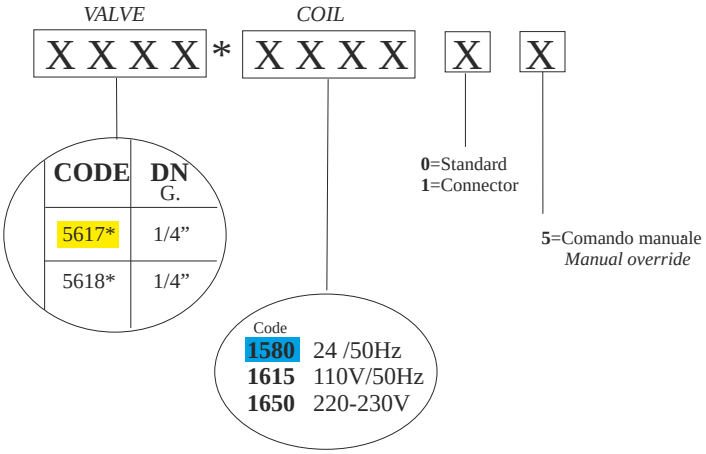
AC

Code		
1843	12 /50Hz	14VA
1847	24 /50Hz	14VA
1848	48 /50Hz	14VA
1846	110V/50Hz	14VA
1850	230V/50Hz	14VA

DC

1843	12V DC	12W
1809	24V DC	8W
1845	24V DC	12W

CODE ORDER:



***INDICARE TENUTA**
SPECIFY SEAL

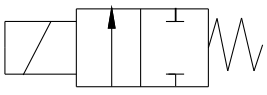
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”- 1/4”G.**
  Connection 1/8”- 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°weldingof the tube guide, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox/Ottone *Stainless stell/Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM61Ø13 *Sm61Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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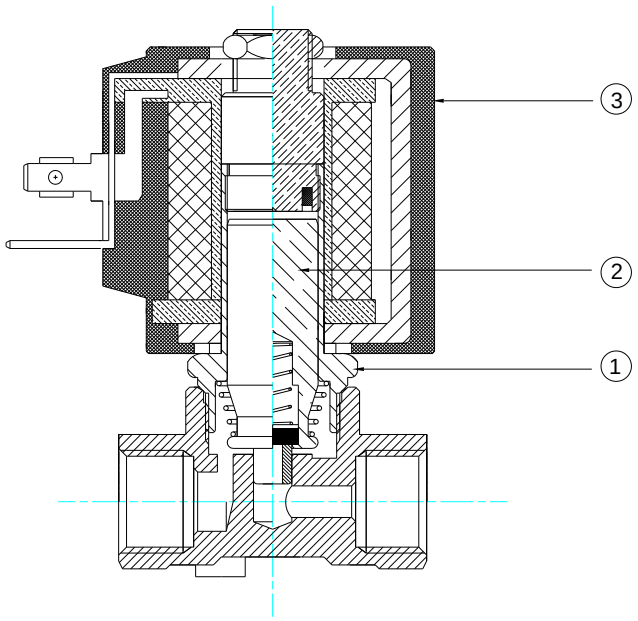
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	EPDM	FKM			
8128*	1/8”	2,8	0.18	00	30	25	80°	24	27	38	10	•	•			310
8228*	1/4”	2,8	0.18	00	30	25	80°	24	27	38	10	•	•			300
8135*	1/8”	3,5	0.30	00	20	18	80°	24	27	38	10	•	•			310
8235*	1/4”	3,5	0.30	00	20	18	80°	24	27	38	10	•	•			300
8245*	1/4”	4,5	0.52	00	12	10	80°	24	27	38	14	•	•			300

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00183
Guide tube:

3-Nucleo mobile: Cod. 00709 FKM
Plunger: Cod. 00709/E EPDM

3-Bobina
Coil

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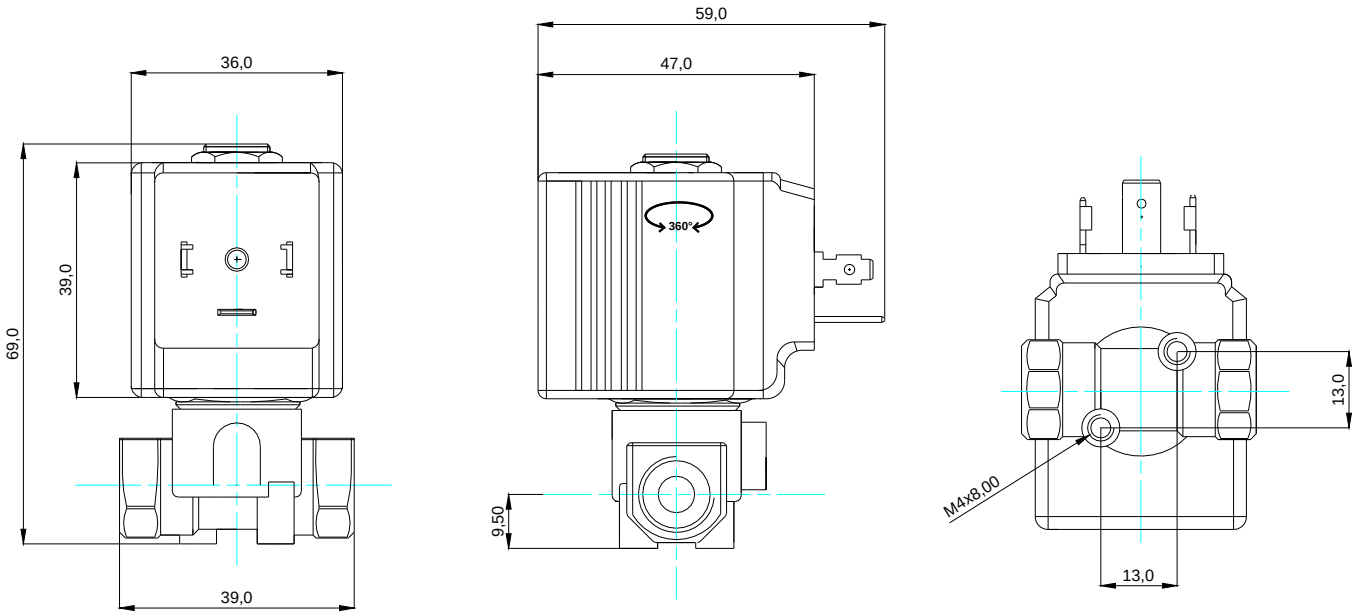
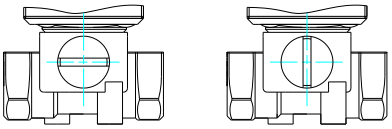
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



COMANDO MANUALE
MANUAL OVERRIDE



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: *Cod.02920 Form A Pg9*

Portagomma: Cod.03260 -1/4”G. Ø6 -
Hose holder: *Cod.03260 -1/4”G.Ø6-*
Cod.03265 -1/4”G. Ø6 90°-
Cod.03265 -1/4”G. Ø6 90°-

Filtro in ingresso: Cod.03212 - 1/4” Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

Comando manuale
Manual override

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM61
COPERTURA IXEF
ENCAPSULATION IXEF

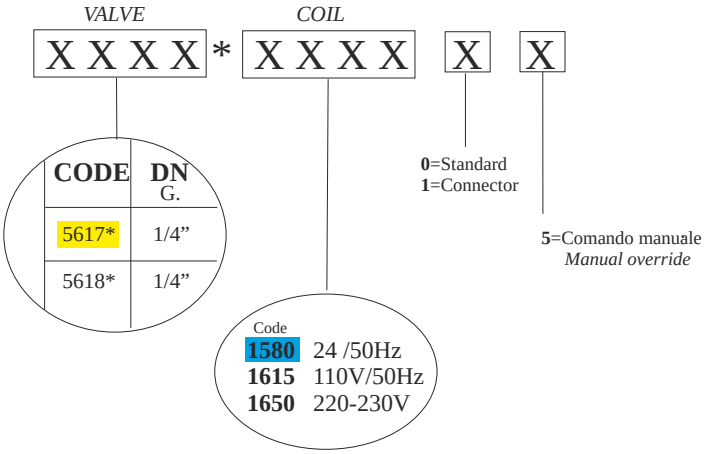
AC

Code
1827 24 /50Hz 24VA
1828 110 /50Hz 24VA
1825 230/50Hz 24VA

DC

1823 12V DC 27W
1824 24VDC 27W

CODE ORDER:



***INDICARE TENUTA**
SPECIFY SEAL

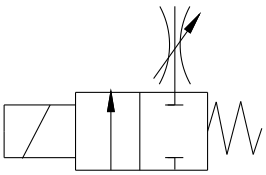
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Regolatore di portata manuale**
  Manual flow regulator
- **Connessione 1/4”G.**
  Connection 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida e rondella in PTFE per la regolazione, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, washer in PTFE for the regulation, garantee endurance and reliability.



2/2 Normalmente chiusa con regolatore di portata.
2/2 Normally closed with flow regulator.

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone /Acciaio Inox *Brass/Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell imre*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *Ip 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM6 Ø13 *SM6 Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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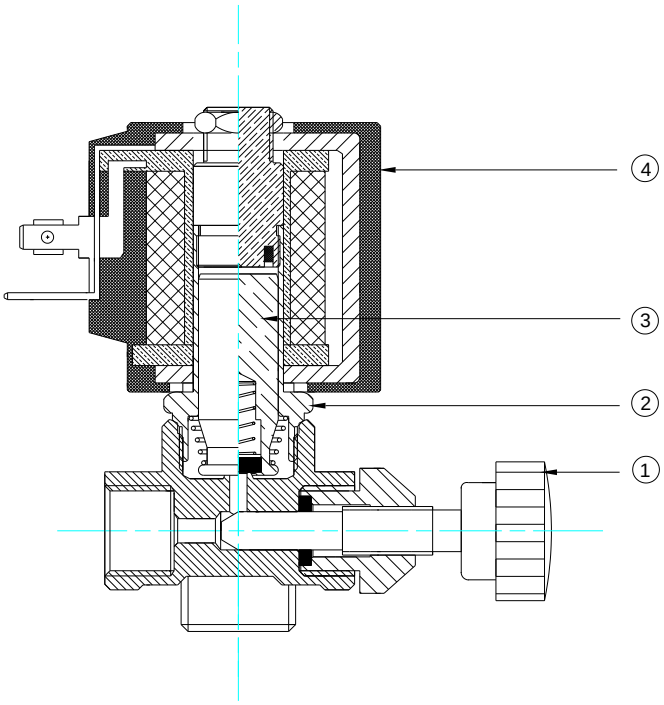
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	FKM	EPDM			
4124*	1/4”	2,4	0.14	00	15	10	80°	14	12	20	17	•				275
4125*	1/4”	2,4	0.14	00	15	10	80°	14	12	20	17		•			275
4126*	1/4”	2,6	0.16	00	12	8	80°	14	12	20	17	•				275

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Regolazione: Cod.02165 con pomello
Mounted regulation: *Cod.02165 with ball grip*

2-Tubo guida: Cod.00183
Guide tube:

3-Nucleo mobile: Cod.00709/E EPDM
Plunger: Cod.00709 FKM

4-Bobina
Coil

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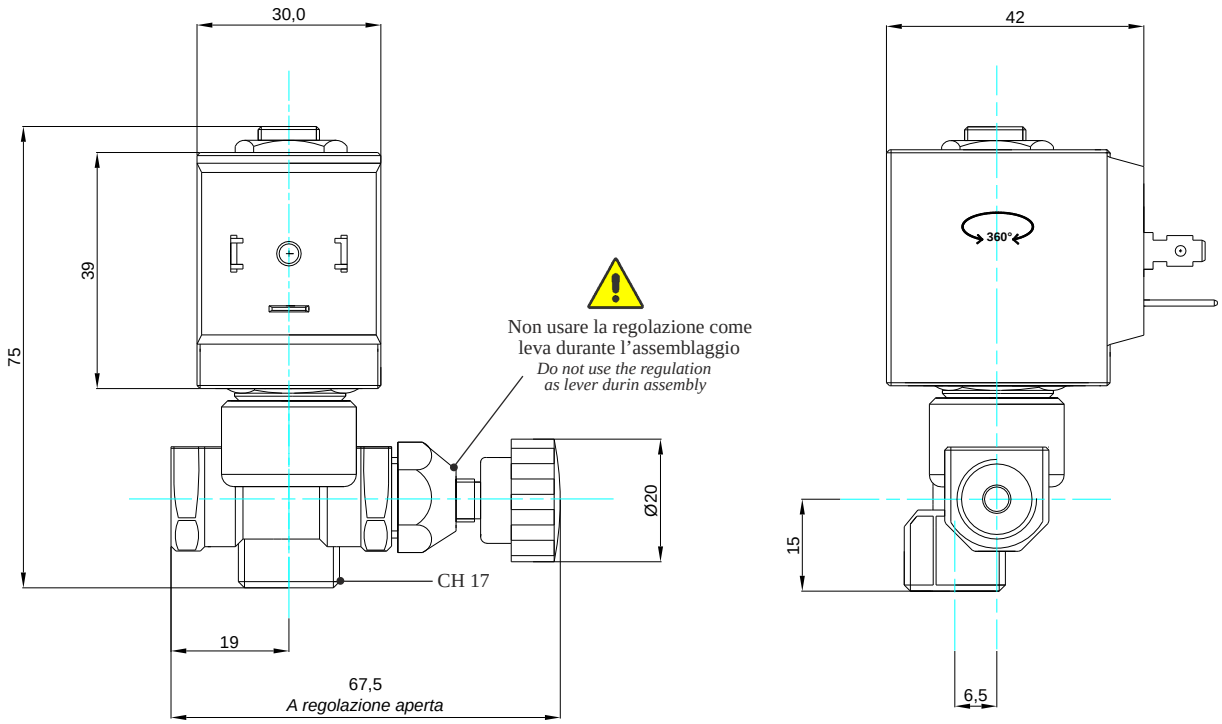
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: *Cod.02920 Form A Pg9*

Portagomma: Cod.03260 -1/4"G. Ø6 -
Hose holder: *Cod.03260 -1/4"G.Ø6-*
Cod.03265 -1/4"G. Ø6 90°-
Cod.03265 -1/4"G. Ø6 90°-

Filtro in ingresso: Cod.03212 -Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM6
COPERTURA IXEF
ENCAPSULATION IXEF

AC

Code	
1843	12 /50Hz 14VA
1847	24 /50Hz 14VA
1848	48 /50Hz 14VA
1846	110V/50Hz 14VA
1850	230V/50Hz 14VA

DC

1843	12V DC 12W
1809	24V DC 8W
1845	24V DC 12W

CODE ORDER:

VALVE *COIL*

X X X X * X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

1=Ball grip

Code	
1580	24 /50Hz
1615	110V/50Hz
1650	220-230V

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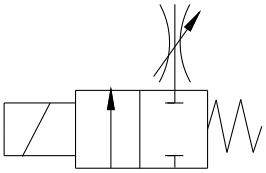
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Regolatore di portata manuale**
  Manual flow regulator
- **Connessione 1/4”G.**
  Connection 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida e rondella in PTFE per la regolazione, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, washer in PTFE for the regulation, garantee endurance and reliability.



2/2 Normalmente chiusa con regolatore di portata.
2/2 Normally closed with flow regulator.

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone /Acciaio Inox *Brass/Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell imre*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *Ip 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM6 Ø13 *SM6 Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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SATURN MAGNETIC
FLUID CONTROL SISTEM

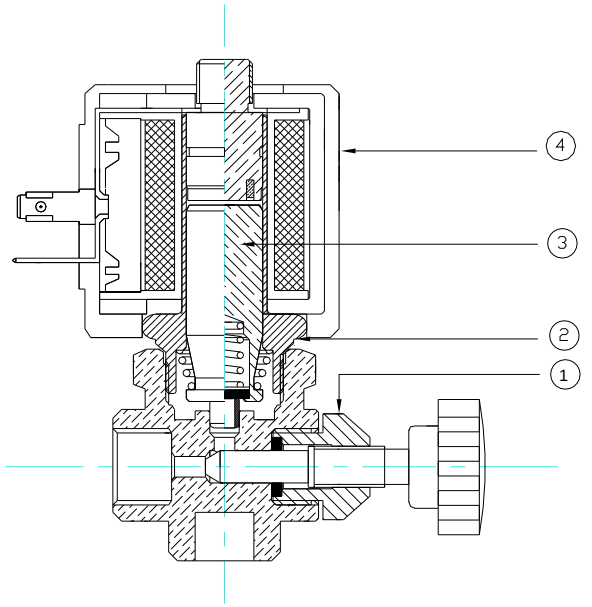
CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	FKM	EPDM			
5750*	1/4”	2,4	0.15	00	15	10	80°	14	12	20	14	•	•			395
5770*	1/4”	2,8**	0.26	00	15	10	80°	14	12	20	14	•	•			395

** INOX - S.STELL

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.

Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Regolazione: Cod.02165 con pomello
Mounted regulation: *Cod.02165 with ball grip*

2-Tubo guida: Cod.00183
Guide tube:

3-Nucleo mobile: Cod.00709/E EPDM
Plunger: Cod.00709 FKM

4-Bobina
Coil

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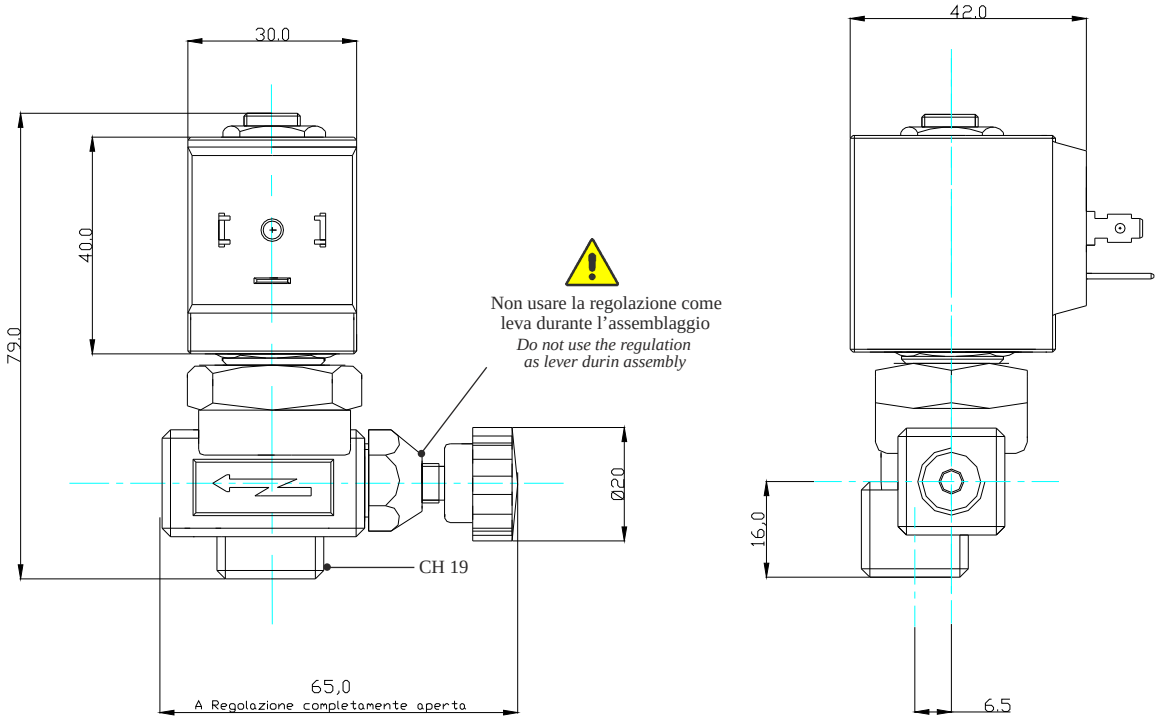
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: *Cod.02920 Form A Pg9*

Portagomma: Cod.03260 -1/4"G. Ø6 -
Hose holder: *Cod.03260 -1/4"G.Ø6-*
Cod.03265 -1/4"G. Ø6 90°-
Cod.03265 -1/4"G. Ø6 90°-

Filtro in ingresso: Cod.03212 -Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM6
COPERTURA IXEF
ENCAPSULATION IXEF

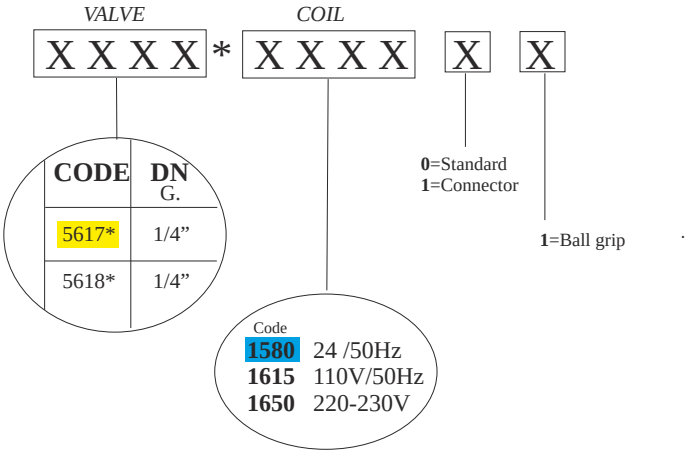
AC

Code		
1843	12 /50Hz	14VA
1847	24 /50Hz	14VA
1848	48 /50Hz	14VA
1846	110V/50Hz	14VA
1850	230V/50Hz	14VA

DC

1843	12V DC	12W
1809	24V DC	8W
1845	24V DC	12W

CODE ORDER:



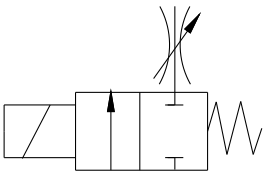
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Regolatore di portata manuale**
  Manual flow regulator
- **Connessione 1/4”G.**
  Connection 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It's not necessary a minimum working pressure.

Tenuta con frenafiletti per alte temperature e O-Ring tra tubo guida e nucleo fisso, rondella in PTFE per la regolazione garantiscono affidabilità e durata nel tempo.
Seal with anaerobic adhesive for high temperatures, o-ring between the guide tube and the fixed core, washer in PTFE for the regulation guarantee endurance and reliability.



2/2 Normalmente chiusa con regolatore di portata.
2/2 Normally closed with flow regulator.

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Ottone *Brass*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell imre*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *Ip 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM6 Ø13 *SM6 Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	FKM
Temperatura: *Temperature:*	FKM -10°C +155°C

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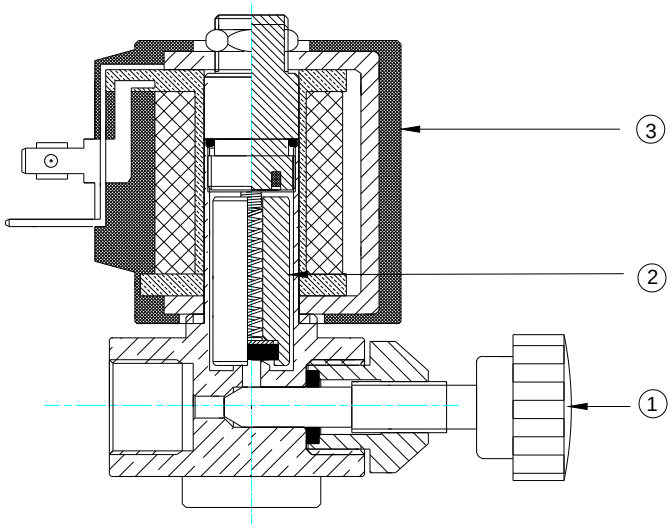
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	FKM				
5782*	1/4”	2,4	0.14	00	15	10	80°	14	12	20	17	•				295

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Regolazione: Cod.02165 con pomello
Mounted regulation: *Cod.02165 with ball grip*

2-Nucleo mobile:

3-Bobina

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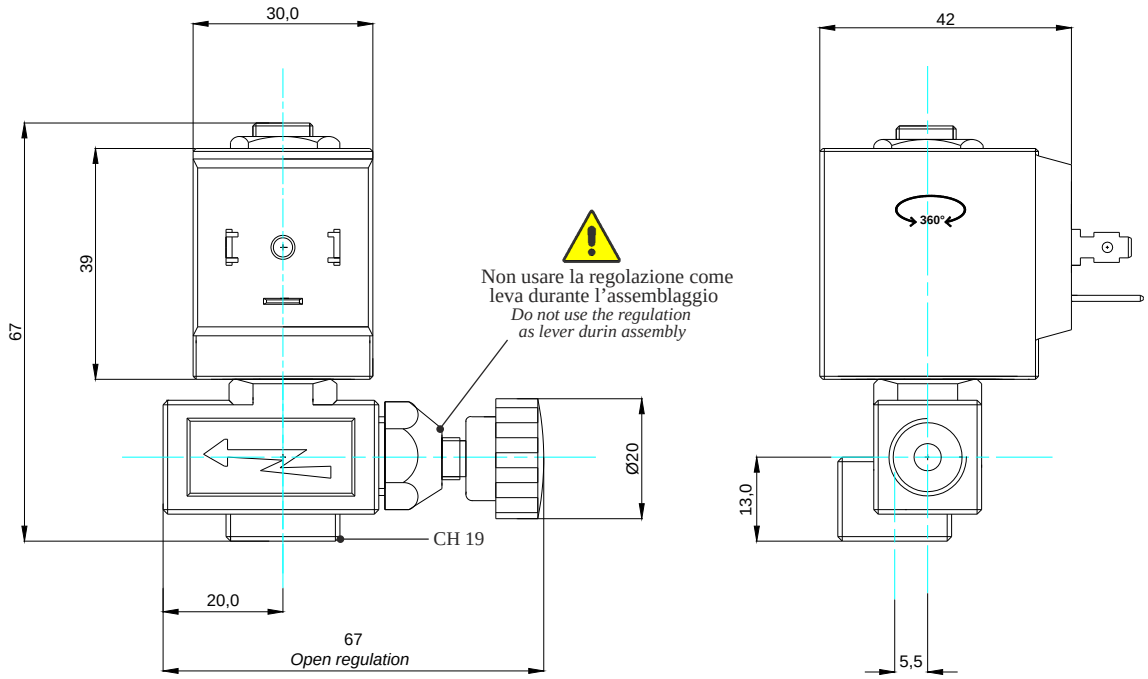
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A PG9
Connector DIN43650: *Cod.02920 Form A Pg9*

Portagomma: Cod.03260 -1/4"G. Ø6 -
Hose holder: *Cod.03260 -1/4"G.Ø6-*
Cod.03265 -1/4"G. Ø6 90°-
Cod.03265 -1/4"G. Ø6 90°-

Filtro in ingresso: Cod.03212 -Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM6
COPERTURA IXEF
ENCAPSULATION IXEF

AC

Code	
1843	12 /50Hz 14VA
1847	24 /50Hz 14VA
1848	48 /50Hz 14VA
1846	110V/50Hz 14VA
1850	230V/50Hz 14VA

DC

1843	12V DC 12W
1809	24V DC 8W
1845	24V DC 12W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

0=Standard
1=Connector

CODE	DN G.
5617*	1/4”
5618*	1/4”

Code	
1580	24 /50Hz
1615	110V/50Hz
1650	220-230V

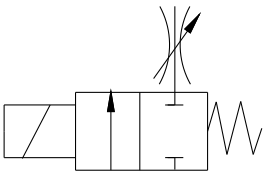
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Regolatore di portata manuale**
  Manual flow regulator
- **Connessione 1/4”G.**
  Connection 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida e rondella in PTFE per la regolazione, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, washer in PTFE for the regulation, garantee endurance and reliability.



2/2 Normalmente chiusa con regolatore di portata.
2/2 Normally closed with flow regulator.

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	FKM
Temperatura: *Temperature:*	FKM -10°C +155°C

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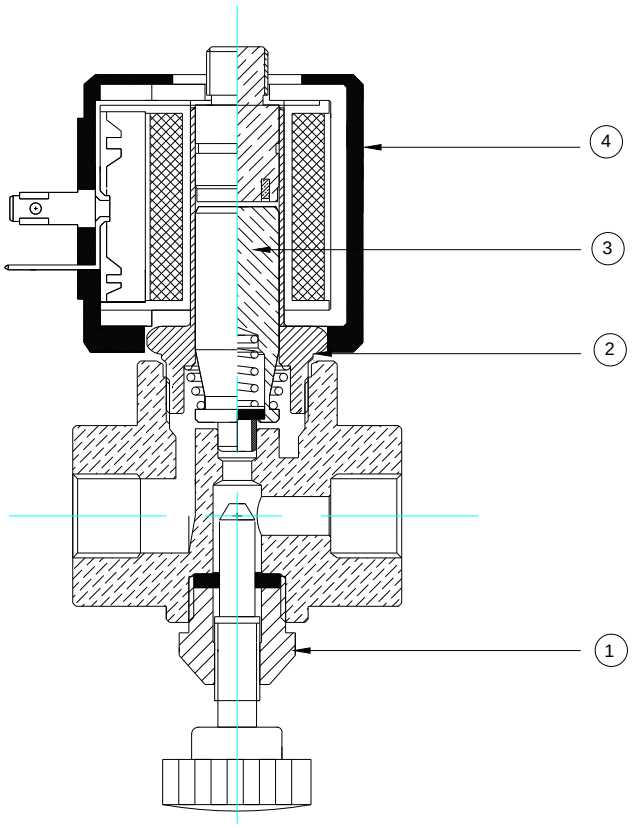
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM			gr
					AC	DC		AC	DC	AC	DC.					
6814*	1/4”	4,5	0.52	00	10	6	70°	32	17	40	23		•			620
6816*	3/8”	4,5	0.52	00	10	6	70°	32	17	40	23		•			600
6838*	3/8”	5,5	0.56	00	8	4	70°	36	17	45	23		•			600
6840*	1/2”	5,5	0.56	00	8	4	70°	36	17	40	23		•			590

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Regolazione: Cod.02196 con pomello
Mounted regulation: *Cod.02196 with ball grip*

2-Tubo guida: Cod.00157
Guide tube:

3-Nucleo mobile: Cod.00680 FKM Ømax 4,50
Plunger: Cod.00730 FKM Ø 5,50

4-Bobina
Coil

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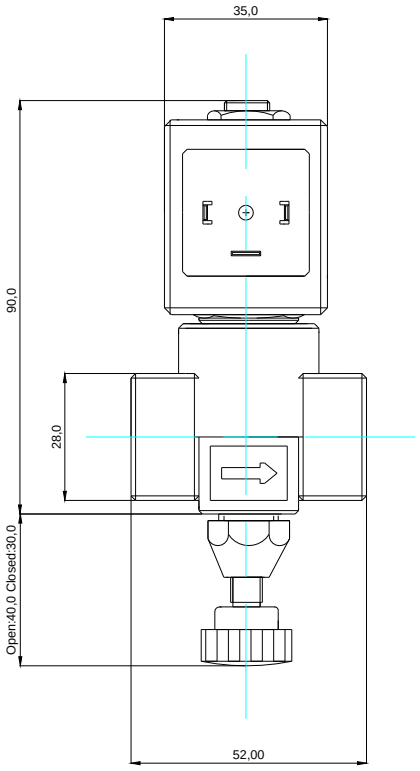
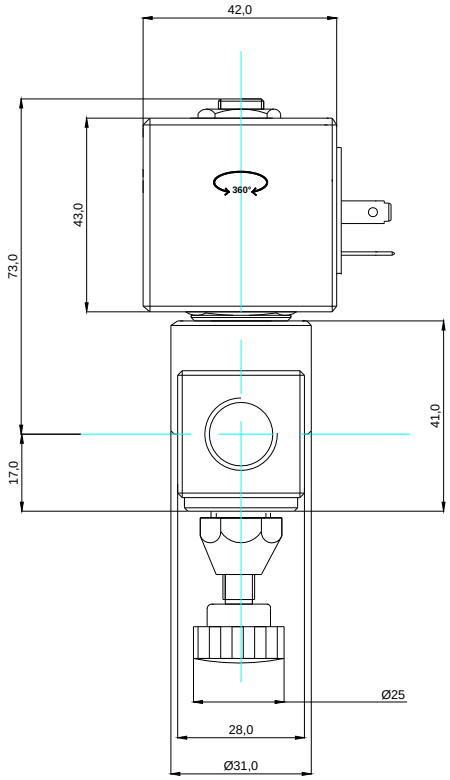
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES





ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

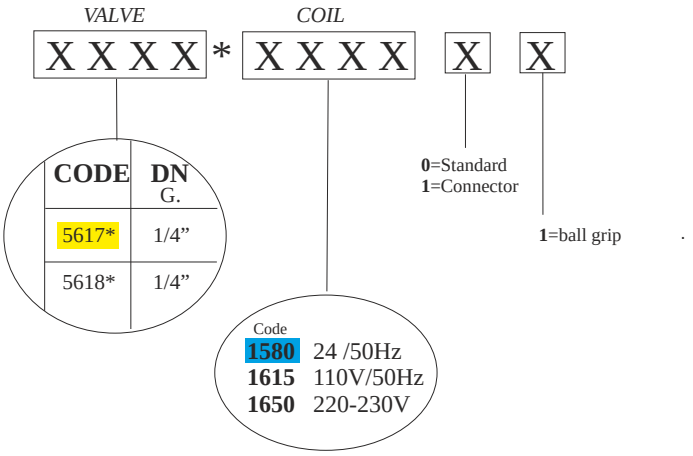
Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:



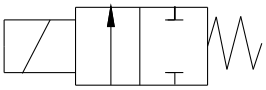
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 3/8-1/2”G.**
  Connection 1/8-1/4”G.
- **Temperatura fino a 155°**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM9 Ø19 *SM9*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	FKM
Temperatura: *Temperature:*	FKM -10°C +155°C

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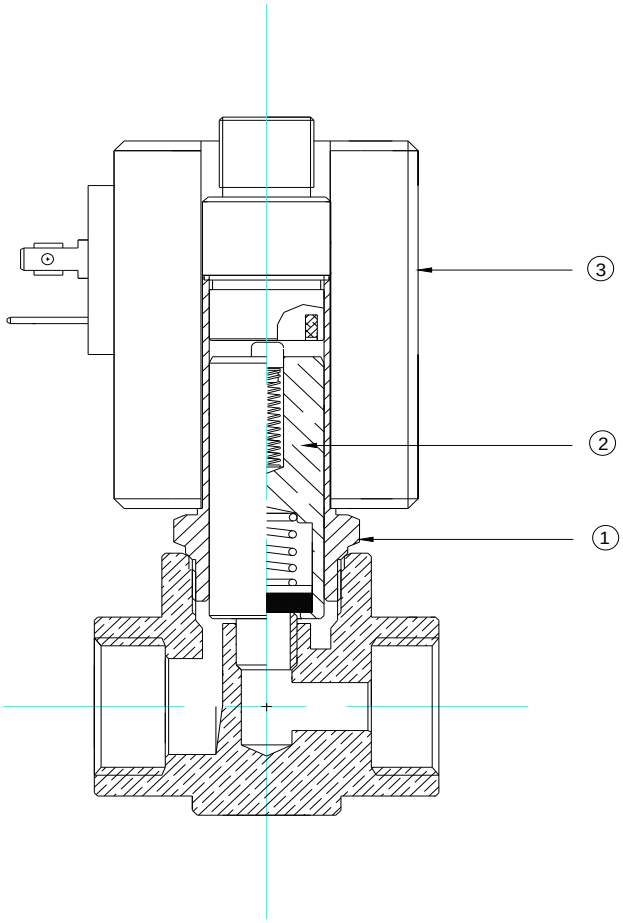
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	FKM	EPDM			
6800*	3/8”	7,0	1.14	00	10	5	80°	28	33	48	40	•				790
6850*	1/2”	7,0	1.14	00	10	5	80°	28	33	48	40	•				790

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
***Note:** - Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00155
Guide tube:

2-Nucleo mobile: Cod.00618
Plunger:

3-Bobina

Coil

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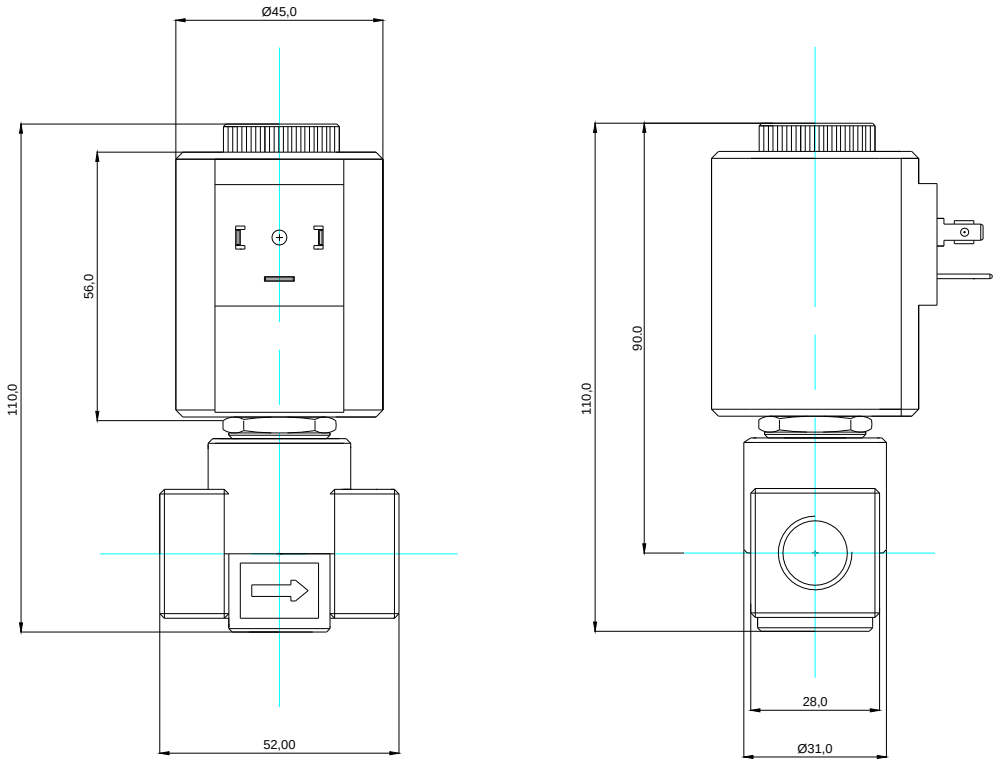
SATURN MAGNETIC
FLUID CONTROL SISTEM



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA IXEF
ENCAPSULATION IXEF

AC

Code	
1878	24 /50Hz 28VA
1883	110V/50Hz 28VA
1880	230V/50Hz 22-25VA

DC

1872 24V DC 33W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

5=Drill and tap M4x7mm

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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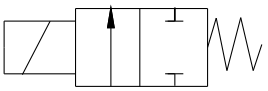
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 3/8”-1/2”G.**
  Connection 1/4”G - 3/8”G.
- **Temperatura fino a 155°**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	FKM
Temperatura: *Temperature:*	FKM -10°C +155°C

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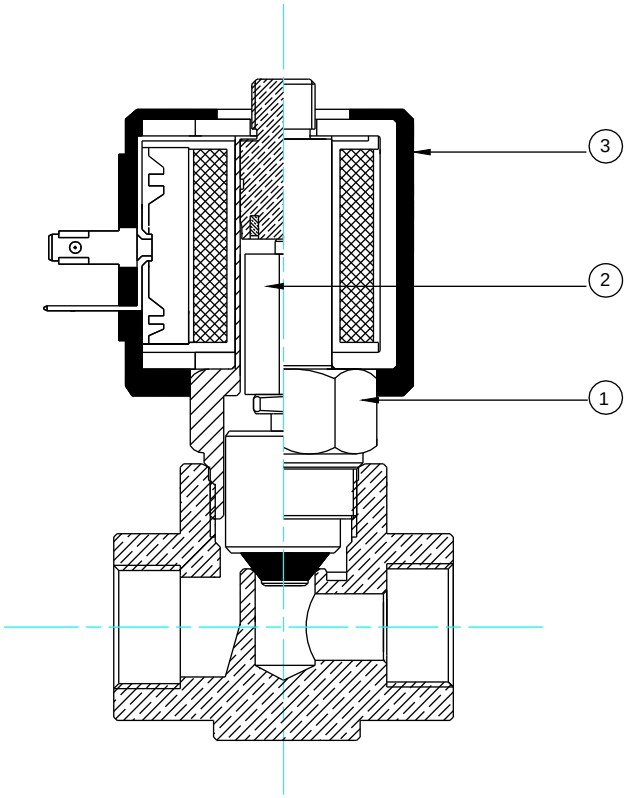
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM			gr
					AC	DC		AC	DC	AC	DC.					
5330*	3/8”	10	1.78	00	10	6	70°	32	17	40	23	•				560
5351*	1/2”	10	1.78	00	10	6	70°	32	17	40	23	•				550

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tubo guida: Cod.00153
Guide tube:

2-Nucleo mobile: Cod.00714*V
Plunger:

3-Bobina
Coil

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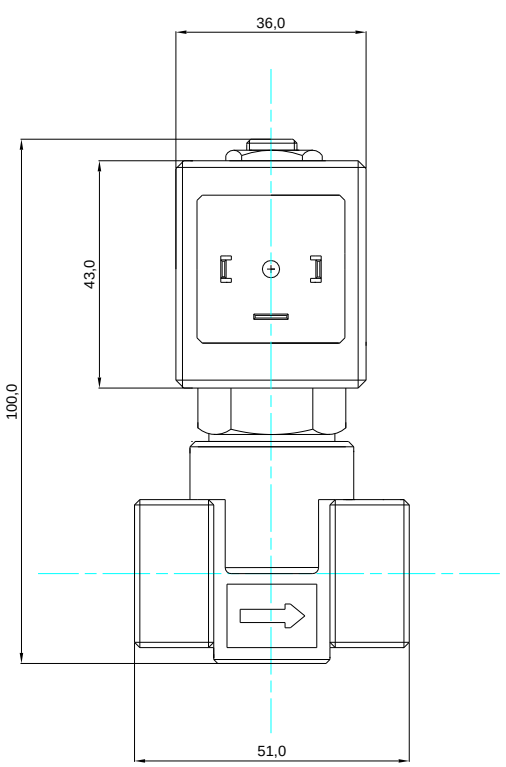
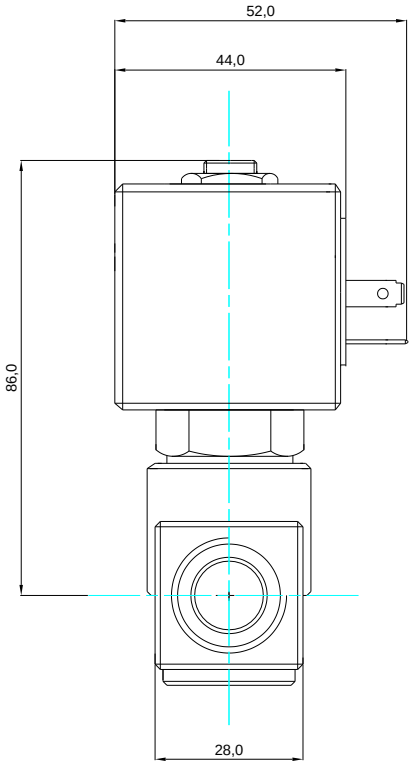
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES





ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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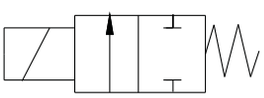
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8"BSPT M.-Portagomma Ø6**
  Connection 1/8"BSPT M.- Hose holder Ø6.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It's not necessary a minimum working pressure.

Tenuta con frenafiletti per alte temperature e O-Ring tra tubo guida e nucleo fisso,garantiscono affidabilità e durata nel tempo.
Seal with anaerobic adhesive for high temperatures, o-ring between the guide tube and the fixed core, guarantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Ottone *Brass*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A-B *DIN 43650/A-B*
Bobina: *Coil:*	SM7-SM8Ø10 *SM7-SM8Ø10*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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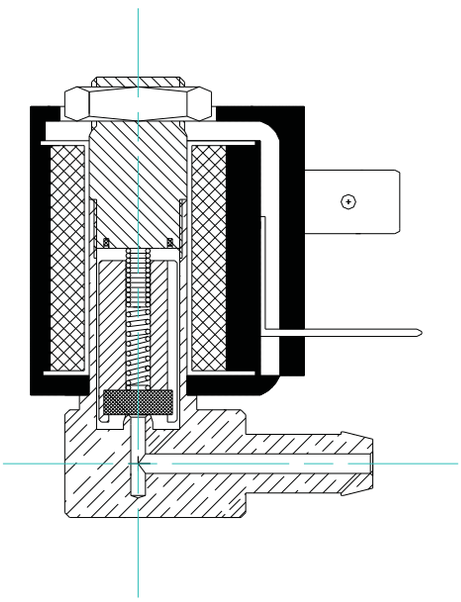
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	EPDM	FKM			
6815*	1/8”	1,8	0.10	00	10	8	80°	10	7-4	14	10		•			90
6816*	1/8”	1,8	0.10	00	10	8	80°	10	7-4	14	10	•				90
6815*	1/8”	1,8	0.12	00	15	10	80°	12	7	15	10		•			150
6816*	1/8”	1,8	0.12	00	15	10	80°	12	7	15	10	•				150

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested*

USO VAPORE MAX 3BAR - Steam Use MAX 3Bar.



RICAMBI
SPARE PARTS

-Valvola non ispezionabile
Non-serviceable Valve

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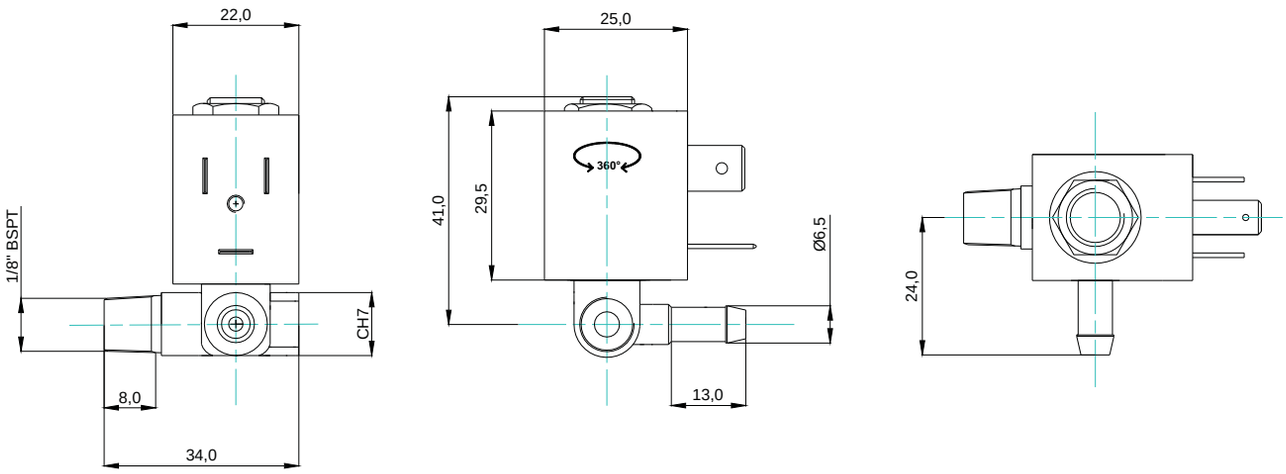
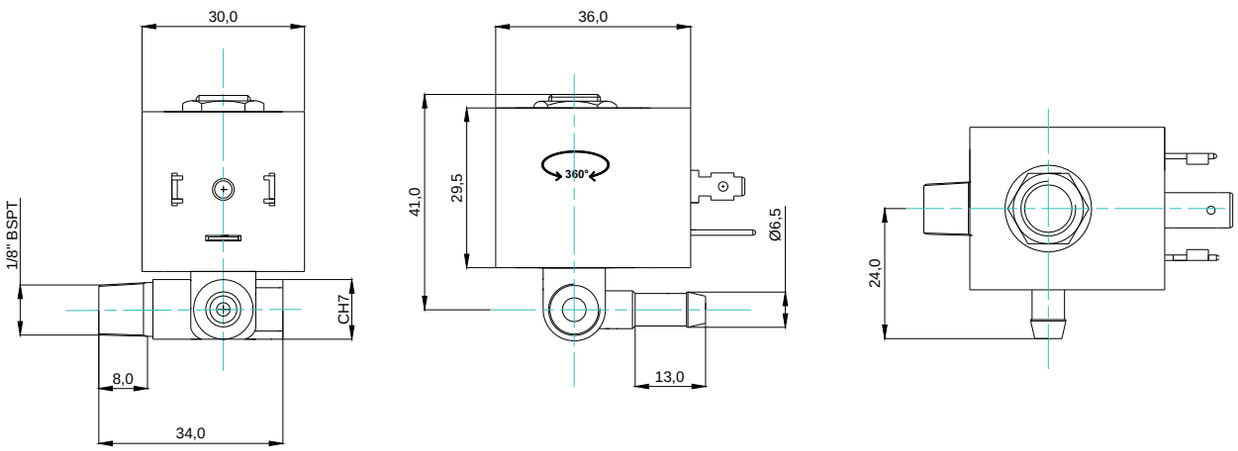
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES

Bobina SM7 22mm
22mm SM7 Coil



Bobina SM8 30mm
30mm Sm8 Coil



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02930 Forma B Pg9 -SM7-
Connector DIN43650: *Cod.02930 Form B Pg9*
Cod. 02920 Forma A Pg9-SM8-
Cod.02920 Forma A Pg9

OPZIONI
OPTIONAL

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM7
COPERTURA IXEF
ENCAPSULATION IXEF

AC

Code	
1798	12 /50Hz 9VA
1807	24 /50Hz 9VA
1808	48 /50Hz 9VA
1785	110V/50Hz 9VA
1790	230V/50Hz 9VA

DC

1800	12V DC 4W
1804	12V DC 7W
1806	24V DC 4W
1805	24V DC 7W

Sm8
COPERTURA IXEF
ENCAPSULATION IXEF

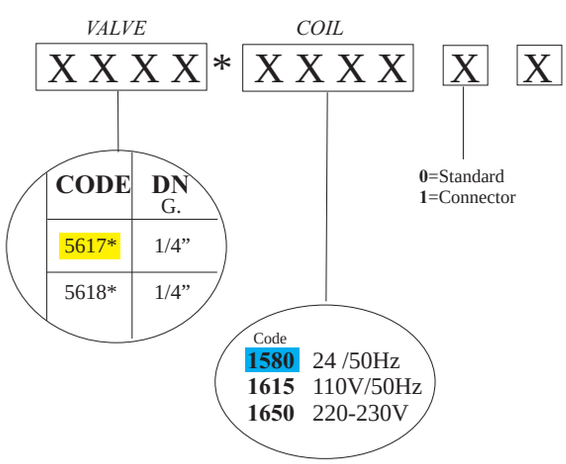
AC

Code	
1890	12 /50Hz 9VA
1892	24 /50Hz 9VA
1895	230V/50Hz 9VA

DC

1896	12V DC 7W
1897	24V DC 7W

CODE ORDER:



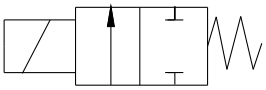
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione flangia 32x32mm.**
  Connection Flange 32x32mm
- **Temperatura fino a 180°**
  Temperature up to 180°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It's not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360° welding of the tube guid, garantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Acciaio Inox *Stainless stell*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM-RUBINO
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C RUBINO -40°C+180°C

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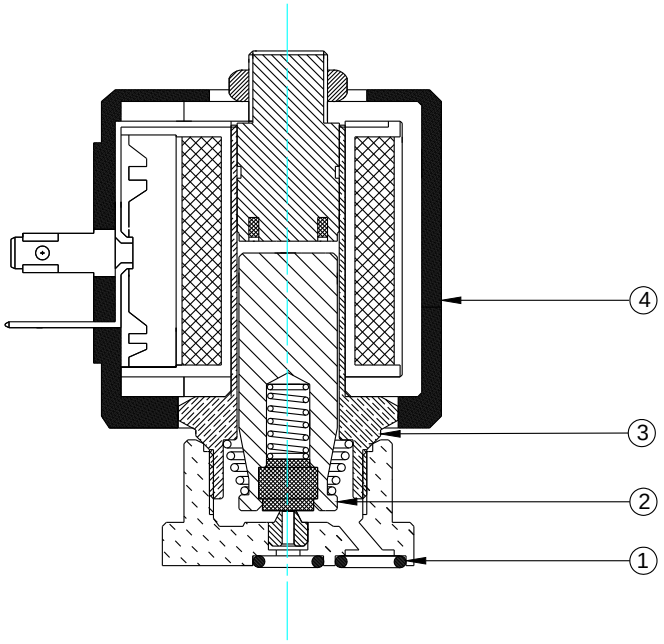
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	EPDM	FKM	RUBINO		gr
					AC	DC		AC	DC	AC	DC.					
5445*		1,5	0.07	00	30	25	80°	22	17	30	23	•				280
5446*		1,5	0.07	00	30	25	80°	22	17	30	23		•			280
5447*		1,5	0.07	00	30	25	80°	22	17	30	23			•		280
5450*		2,0	0.13	00	25	18	80°	22	17	30	23	•				280
5452*		2,0	0.13	00	25	18	80°	22	17	30	23		•			280
5453*		2,0	0.13	00	25	18	80°	22	17	30	23			•		280
5465*		2,8	0.26	00	20	14	80°	22	17	30	23	•				280
5466*		2,8	0.26	00	20	14	80°	22	17	30	23		•			280
5467*		3,5	0.30	00	15	8	70°	32	17	30	23	•				280
5468*		3,5	0.30	00	15	8	70°	32	17	40	23		•			280

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E' sconsigliata l'installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-O-Ring:

2-Nucleo mobile: Cod.00680/E EPDM
Plunger: Cod.00680 FKM
Cod.00695 RUBINO

3-Tubo guida: Cod.00140 DC
Guide tube: *Cod.00140 DC*
Cod.00150 AC
Cod.00150 AC

3-Bobina
Coil

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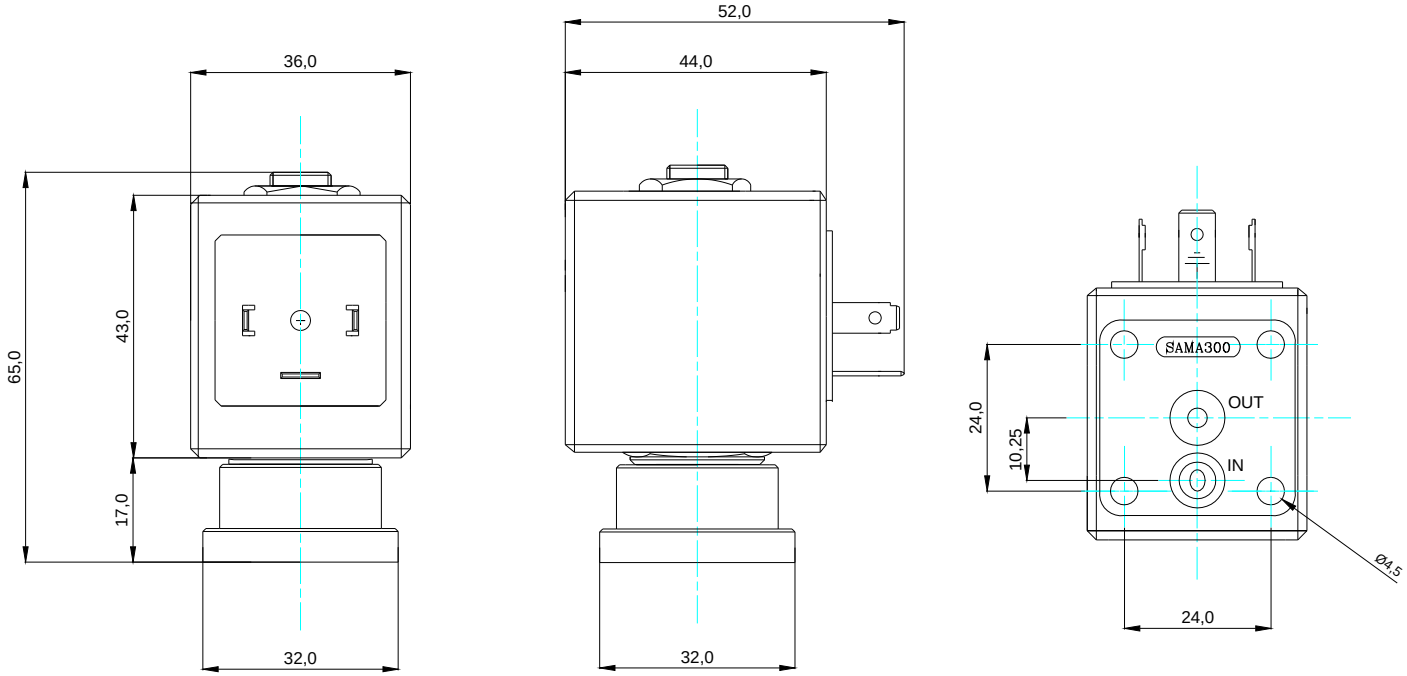
SATURN MAGNETIC
FLUID CONTROL SISTEM



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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SATURN MAGNETIC
FLUID CONTROL SISTEM

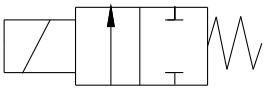
GAS
EN 161
EN 6100
EC- 87/06/029
APPROVAL

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”- 1/4”G.**
  Connection 1/8”- 1/4”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It's not necessary a minimum working pressure.

Tenuta con frenafiletti per alte temperature e O-Ring tra tubo guida e nucleo fisso,garantiscono affidabilità e durata nel tempo.
Seal with anaerobic adhesive for high temperatures, o-ring between the guide tube and the fixed core, guarantee endurance and reliability.



2/2 Normalmente chiusa
2/2 Normally closed

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Ottone *Brass*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/B *DIN 43650/B*
Bobina: *Coil:*	SM7Ø10 *SM7Ø10*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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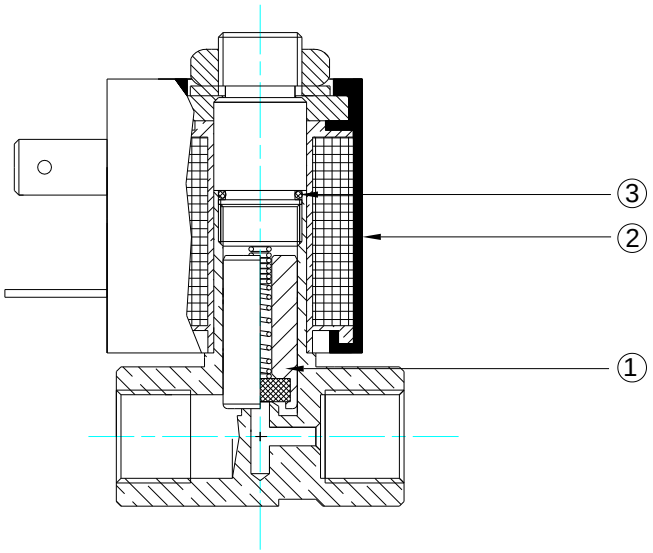
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	EPDM	FKM			
5305*	1/8”	1,5	0.06	00	15	10-8	80°	10	7-4	14	10	•	•			120
5309*	1/4”	1,5	0.06	00	15	10-8	80°	10	7-4	14	10	•	•			110
5300*	1/8”	2,0	0.12	00	10	6-3	80°	10	7-4	14	10	•	•			120
5306*	1/8”	2,5	0.16	00	7	5-2	80°	10	7-4	14	10	•	•			120

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested*

USO VAPORE MAX 3BAR - Steam Use MAX 3Bar.



RICAMBI
SPARE PARTS

1-Nucleo Mobile: Cod.00183
Plunger:

2-OR: Cod. 00709 FKM
Or: Cod. 00709/E EPDM

3-Bobina
Coil

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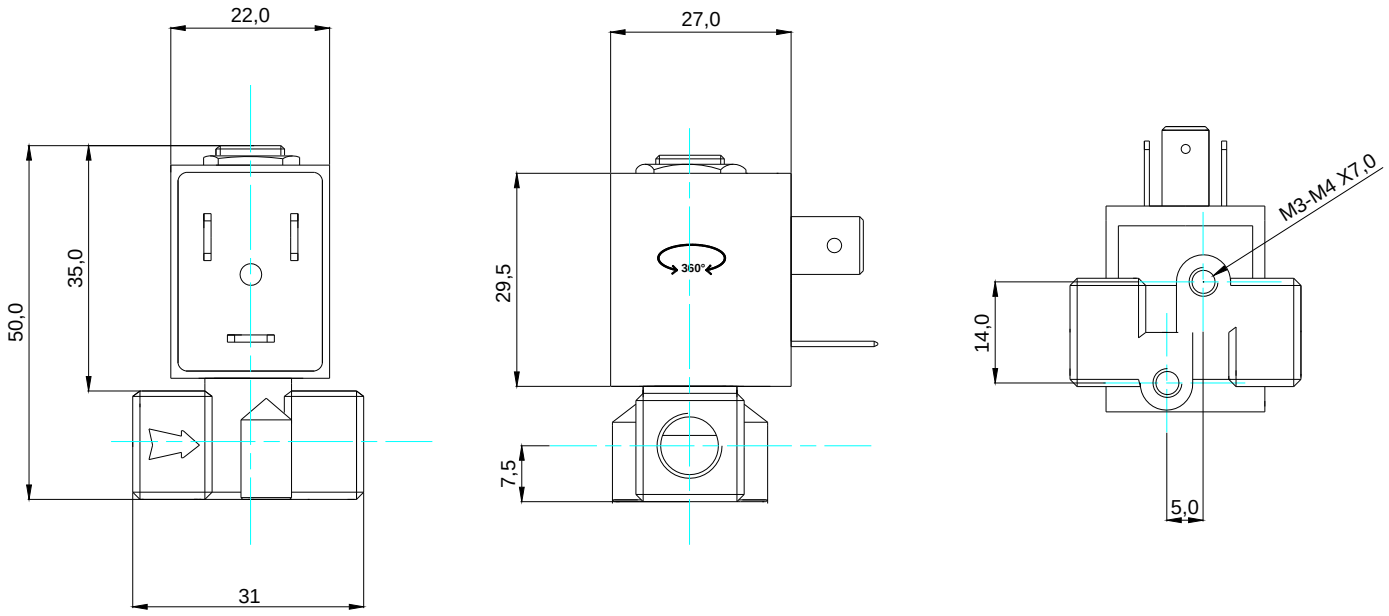
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02930 Forma B Pg9
Connector DIN43650: *Cod.02930 Form B Pg9*

Portagomma: Cod.03260 -1/4”G. Ø6 -
Hose holder: *Cod.03260 -1/4”G.Ø6-*
Cod.03265 -1/4”G. Ø6 90°-
Cod.03265 -1/4”G. Ø6 90°-

Filtro in ingresso: Cod.03212 - 1/4” Inox-
Filter on inlet:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

Teflonatura tubo guida e nucleo mobile
PTFE Treatment on tube guide,plunger

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM7
COPERTURA IXEF
ENCAPSULATION IXEF

AC

Code	
1798	12 /50Hz 9VA
1807	24 /50Hz 9VA
1808	48 /50Hz 9VA
1785	110V/50Hz 9VA
1790	230V/50Hz 9VA

DC

1800	12V DC 4W
1804	12V DC 7W
1806	24V DC 4W
1805	24V DC 7W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code	
1580	24 /50Hz
1615	110V/50Hz
1650	220-230V

***INDICARE TENUTA**
SPECIFY SEAL

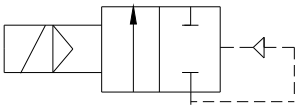
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola servoassistita**
  Servo assisted solenoid valve
- **Connessione 3/8”G.**
  Connection 3/8”G.
- **Temperatura fino a 180°C**
  Temperature up to 180°C
- **Uso vapore**
  For steam

E’ richiesta una pressione minima di funzionamento di 1 bar.
It requires a low minimun differential pressure of 1 bar.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida, garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube 360° welding of the tube guide garantee andurance and reliability.



2/2 Normalmente chiusa servoassistita
2/2 Normally closed Servoassisted

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Ottone*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM5Ø14,6-SM2/04 *SM5-SM2/04*
Materiale bobina: *Coil material:*	NYLON-RYTON-IXEF *NYLON-RYTON-IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	PTFE
Temperatura: *Temperature:*	PTFE -30°C +180°C

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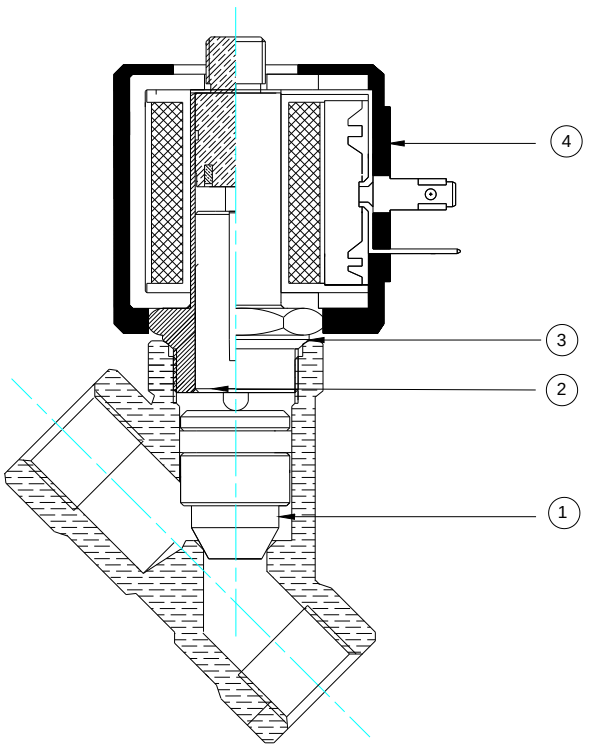
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	PTFE				
5310*	3/8”	10,0	2.60	1	8	6	80°	32	17	40	23	•				380

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tampone: Cod.02755
Pad:

2-Nucleo mobile: Cod.00620
Plunger:

3-Cannotto: Cod.00190
Guide tube:

4-Bobina:
Coil

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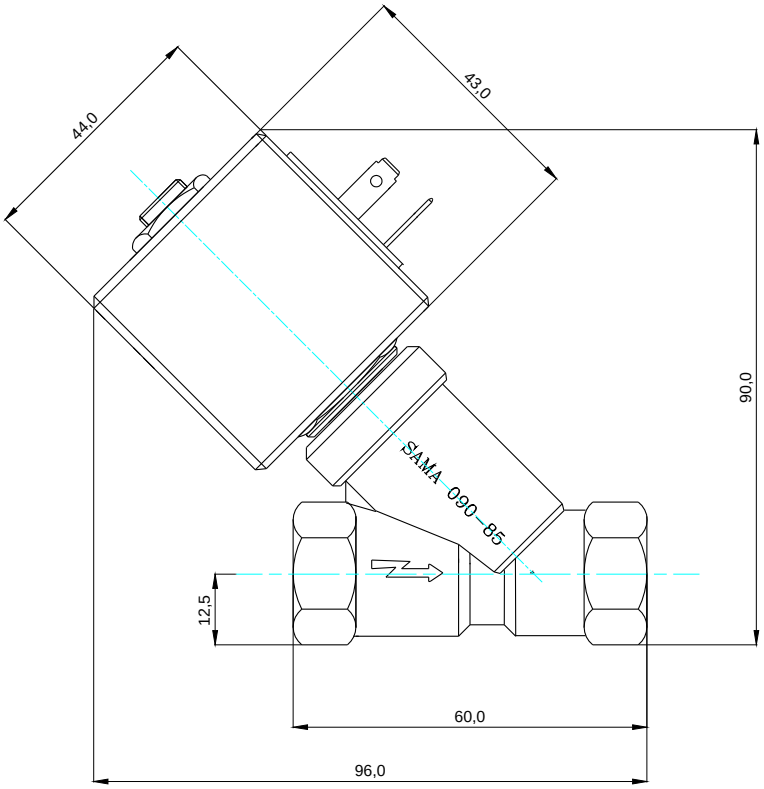
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



ACCESSORI
ACCESSORIES

Connector DIN43650:

Connettore DIN43650: Cod.02920 Forma A Pg9
Cod.02920 Form A Pg9

:

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

COPERTURA NYLON
ENCAPSULATION NYLON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1580 24 /50Hz 18VA
1615 110V/50Hz 18VA
1650 220-230V/50Hz 22-25VA
1658 230V/50Hz 22VA
1630 240V/50 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1591 24V/50-60Hz 32-25VA
1625 110V/50-60Hz 32-25VA
1640 220V/50-60Hz 32-25VA
1646 230/50-60Hz 32-25VA
1638 240V/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1590 24V/50-60Hz 36-28VA
1660 220V/50-60Hz 36-28VA

DC

1560 12V DC 12W
1570 24V DC 12W
1575 24V DC 17W
1577 24V DC 27W

COPERTURA RYTON
ENCAPSULATION RYTON

AC

Code

Per Ø dal mm 1 al 3
For Ø from mm 1 to 3

1585 24 /50Hz 18VA
1627 110V/50Hz 18VA
1650R 220-230V/50Hz 22-25VA
1658R 230-240V/50Hz 22VA

Per Ø dal mm 3 al 4,5
For Ø from mm 3 to 4,5

1595 24V/50-60Hz 32-25VA
1627 110V/50-60Hz 32-25VA
1645 220V/50-60Hz 32-25VA
1656R 230/50-60Hz 32-25VA

Per Ø mm 5,5
For Ø mm 5,5

1595 24V/50-60Hz 36-28VA
1665 220V/50-60Hz 36-28VA

DC

1564 12V DC 12W
1571 24V DC 12W
1578 24V DC 27W

CODE ORDER:

VALVE X X X X * *COIL* X X X X X X

CODE	DN G.
5617*	1/4”
5618*	1/4”

0=Standard
1=Connector

Code
1580 24 /50Hz
1615 110V/50Hz
1650 220-230V

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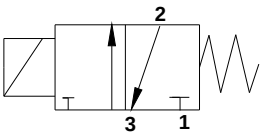
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 3/2 NORMALMENTE CHIUSA
3/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola azione diretta**
  Direct action solenoid valve
- **Connessione 1/8”G.**
  Connection 1/8”G.
- **Temperatura fino a 155°C**
  Temperature up to 155°C
- **Fluidi e gas -Aria acqua vapore-**
  For fluid and gases -Air water steam-

Non è richiesta una pressione minima di funzionamento.
It’s not necessary a minimum working pressure.

Tenuta metallica tra corpo e canotto, saldatura a 360° del tubo guida garantiscono affidabilità e durata nel tempo.
Metallic seal between body and guide tube, 360°welding of the tube guide, garantee endurance and reliability.



3/2 Normalmente chiusa
3/2 Normally closed with

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/B *DIN 43650/B*
Bobina: *Coil:*	SM7Ø10 *SM7Ø10*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	EPDM-FKM
Temperatura: *Temperature:*	EPDM -20°C +140°C FKM -10°C +155°C

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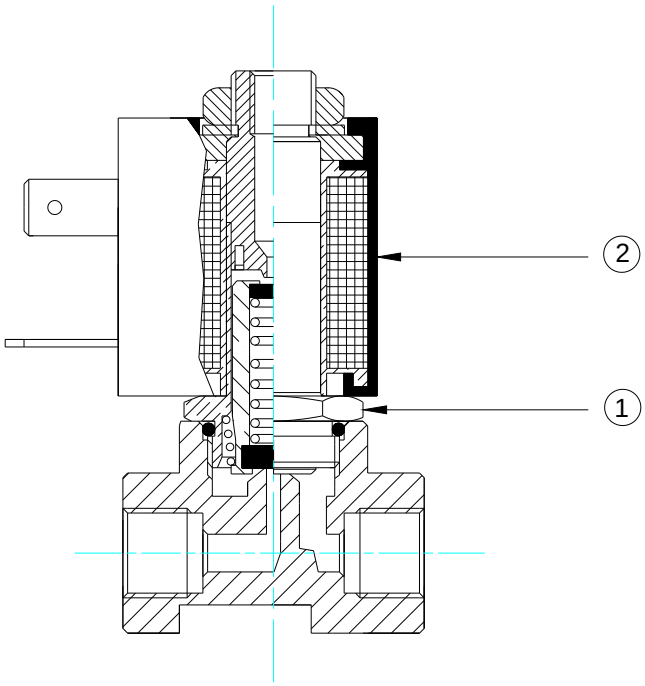
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W					gr
					AC	DC		AC	DC	AC	DC.	EPDM	FKM			
4800*	1/8”	1,2	0.05	00	15	15	80°	10	7	14	10	•	•			140
4801*	1/8”	1,2	0.05	00	15	15	80°	10	7	14	10	•	•			140
4805*	1/8”	1,5	0.07	00	10	10	80°	10	7	14	10	•	•			140
4806*	1/8”	1,5	0.07	00	10	10	80°	10	7	14	10	•	•			140
4810*	1/8”	2,0	0.09	00	6	6	80°	10	7	14	10	•	•			140
4811*	1/8”	2,0	0.09	00	6	6	80°	10	7	14	10	•	•			140

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested*



RICAMBI
SPARE PARTS

1-Pilota completo: Cod.00183
Operators:

2-Bobina
Coil

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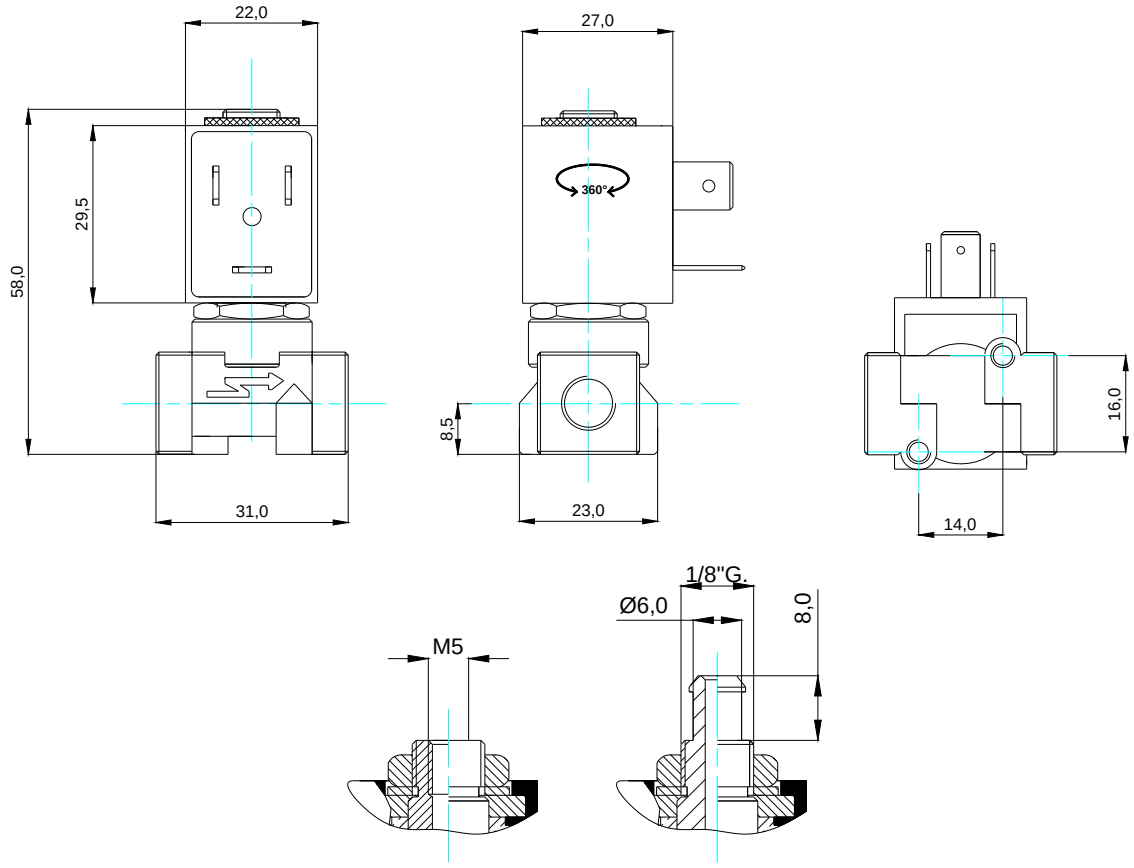
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



OPZIONE SCARICO 3° VIA
OPTIONAL 3 WAY DISCHARGE

ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02930 Forma B Pg9
Connector DIN43650: *Cod.02930 Form B Pg9*

Portagomma: Cod.03350 -1/8”G. Ø6 -
Hose holder: *Cod.03350 -1/8”G.Ø6-*

OPZIONI
OPTIONAL

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM7
COPERTURA IXEF
ENCAPSULATION IXEF

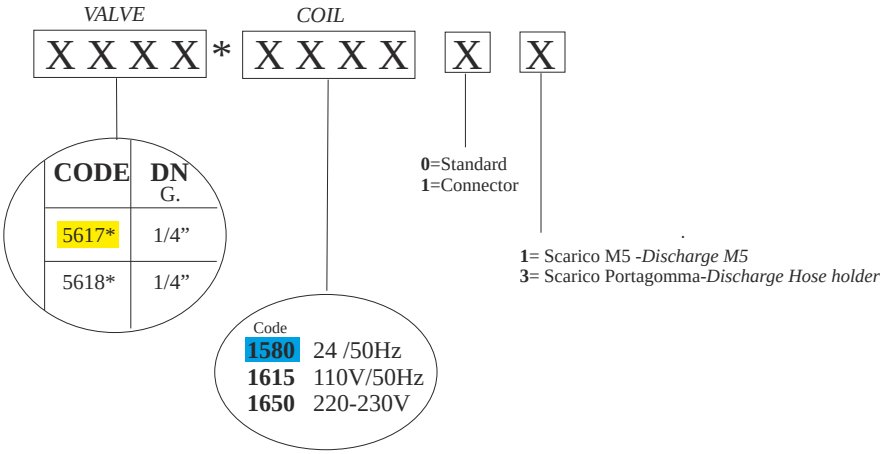
AC

Code	
1798	12 /50Hz 9VA
1807	24 /50Hz 9VA
1808	48 /50Hz 9VA
1785	110V/50Hz 9VA
1790	230V/50Hz 9VA

DC

1800	12V DC 4W
1804	12V DC 7W
1806	24V DC 4W
1805	24V DC 7W

CODE ORDER:



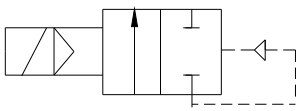
SATURN MAGNETIC
FLUID CONTROL SISTEM

ELETTROVALVOLA 2/2 NORMALMENTE CHIUSA
2/2 NORMALLY CLOSED SOLENOID VALVE

- **Elettrovalvola servo assistita a pistone**
  Servoassisted piston solenoid valve
- **Connessione dal 3/8”al 1”G.**
  Connection from 3/8”to 1”G.
- **Temperatura fino a 150°C**
  Temperature up to 150°C
- **Vapore**
  Steam

E’ richiesta una pressione minima di funzionamento di 0,50 bar
It requires a low minimun differential pressure of 0,50bar.

Affidabilità e funzionamento sono garantiti con tutti i fluidi compatibili con i materiali costruttivi dell’ elettrovalvola.
Endurance and reliability are guarenteed with all the fluids consistene with the solenoid valve bulding materials.



2/2 Normalmente chiusa servoassistita
2/2 Normally closed Servoassisted

COMPONENTI
COMPONENT PARTS

Corpo: *Body:*	Ottone stampato *Moulded brass*
Sede: *Orifice:*	Ottone *Stainless stell/Brass*
Tubo guida: *Guide tube:*	Acciaio Inox *Stainless stell*
Nucleo Mobile: *Plunger:*	Acciaio Inox IMRE *Stainless stell IMRE*
Molle: *Spring:*	Acciaio Inox *Stainless stell*
Protezione: *Insulation:*	IP 65 con connettore *IP 65 with connector*
Connessione: *Connection:*	DIN 43650/A *DIN 43650/A*
Bobina: *Coil:*	SM6Ø13 *SM6Ø13*
Materiale bobina: *Coil material:*	IXEF *IXEF*
Protezione bobina classe: *Coil isulation class:*	H *H*
Tenute: *Seal:*	RULON
Temperatura: *Temperature:*	RULON +150°C

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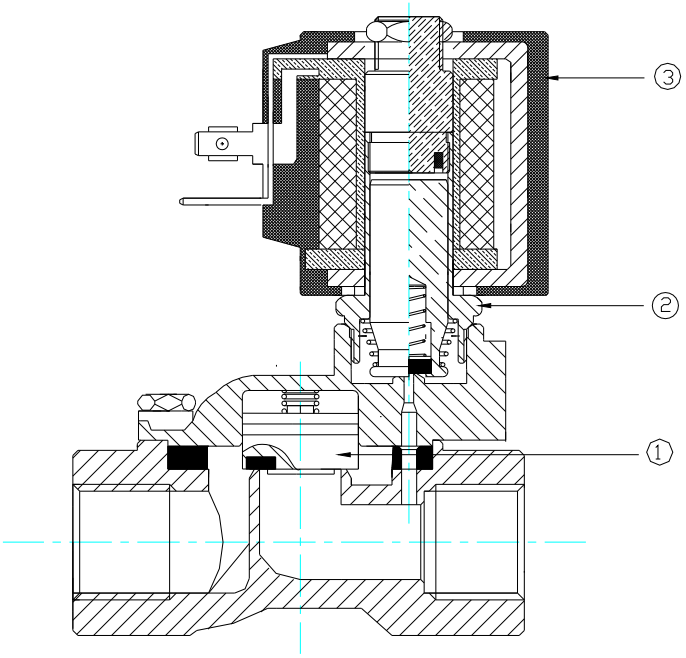
SATURN MAGNETIC
FLUID CONTROL SISTEM

CARATTERISTICHE:
DETAIL:

CODE	DN	Ø Int	kV	M.O.P.D. bar			T.a.	Power		Inrush		Seal				Weight
	G.	mm	M3/h	min	max			VA	W	VA	W	RULON				gr
					AC	DC		AC	DC	AC	DC.					
9040*	3/8”	13	2,10	0.30	10	6	80°	14	13	20	15	•				480
9060*	1/2”	13	2.10	0.30	10	6	80°	14	13	20	15	•				440
9080*	3/4”	19	5.40	0.30	10	6	80°	14	13	20	15	•				730
9110*	1”	25	10.60	0.30	10	6	80°	14	13	20	15	•				1280

Note:- In DC per temperature ambienti superiori a 50°C. le prestazioni possono diminuire. E’ sconsigliata l’installazione con la bobina rivolta verso il basso.
Note: *- Performances can decrease in DC with room temperature over 50°C. Installation with turned down coil is not suggested.*



RICAMBI
SPARE PARTS

1-Tampone: Cod.02576*50 3/8”-1/2”G..
Guide tube: Cod.02576*75 3/4”G.
Cod.02576*100 1”G.

2-Pilota completo: Cod. 04438
Plunger:

3-Bobina
Coil

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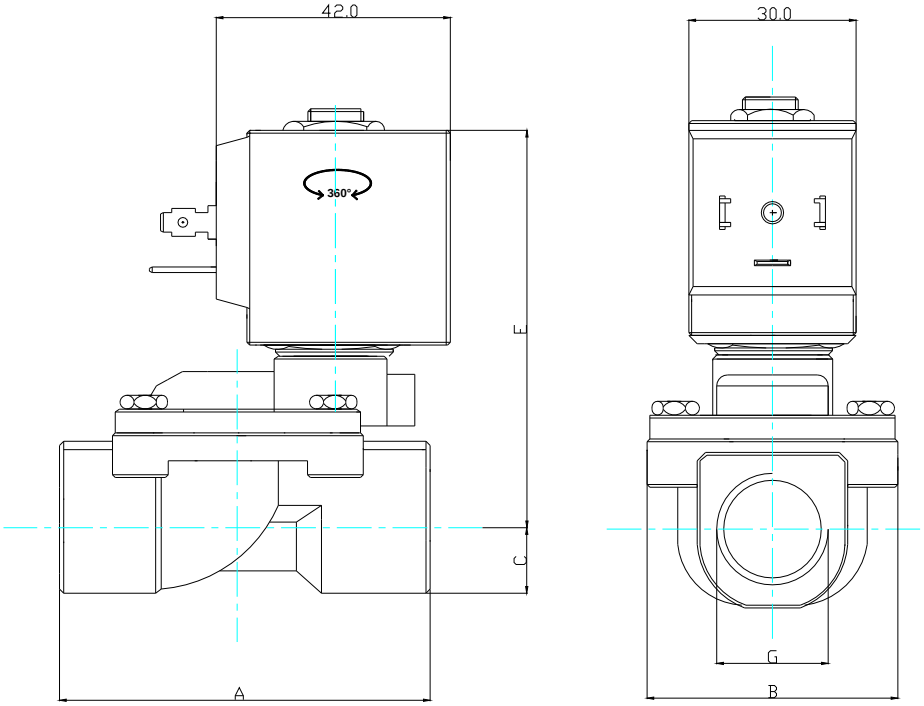
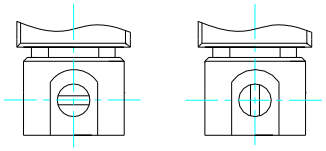
SATURN MAGNETIC
FLUID CONTROL SISTEM

DIMENSIONI
MEASURES



G mm	A mm	C mm	E mm	B mm
3/8-1/2”	65	13	91	45
3/4”	82	17	98	54
1”	100	22	100	73

COMANDO MANUALE
MANUAL OVERRIDE



OPEN CLOSED

ACCESSORI
ACCESSORIES

Connettore DIN43650: Cod.02920 Forma A Pg9
Connector DIN43650: *Cod.02920 Form A Pg9*

OPZIONI
OPTIONAL

Comando manuale
Manual override

Nichelatura chimica
Chemical nickel

Cromatura
Chromium platin

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SATURN MAGNETIC
FLUID CONTROL SISTEM

BOBINE
COILS

APPROVAL

EN60730

SM6
COPERTURA IXEF
ENCAPSULATION IXEF

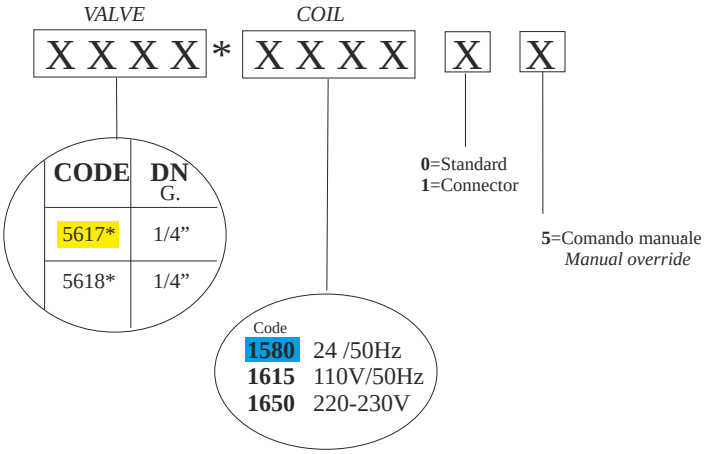
AC

Code		
1843	12 /50Hz	14VA
1847	24 /50Hz	14VA
1848	48 /50Hz	14VA
1846	110V/50Hz	14VA
1850	230V/50Hz	14VA

DC

1843	12V DC	12W
1809	24V DC	8W
1845	24V DC	12W

CODE ORDER:



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