



1/8" – 2" BRASS VALVES

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PNEUMATIC EQUIPMENTS

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1/8" BRASS VALVE (3/2 - N.C.)

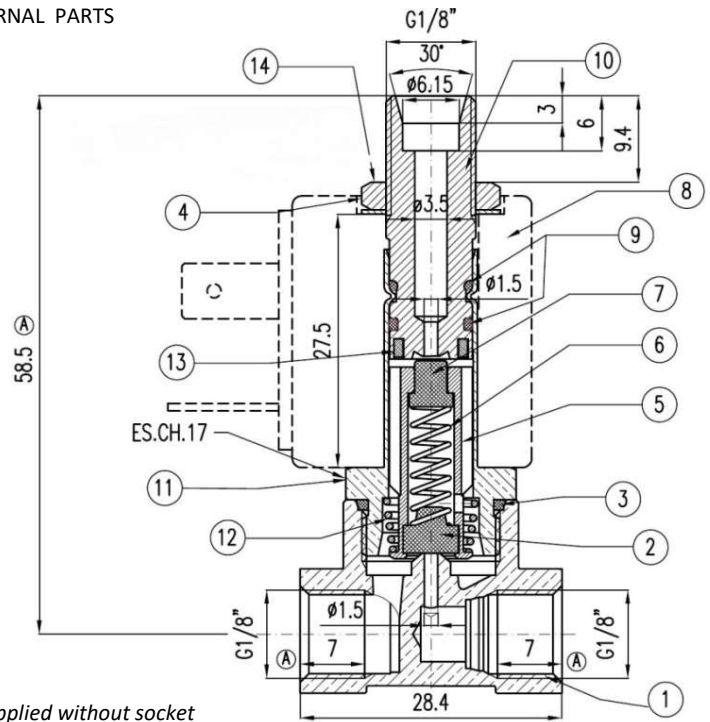
3/2-18" N.C.



DETAIL of THE INTERNAL PARTS

14. LOCKING WASHER
13. SHADING RING
12. CONICAL RING
11. SLEEVE
10. FIXED CORE
9. O – RING for SLEEVE
8. COIL
7. UPPER GASKET
6. CILINDIRICAL SPRING
5. MOBILE PLUNGER
4. CONICAL ELASTIC WASHER
3. TIGHTNESS RING FOR SLEEVE
2. LOWER GASKET
1. BODY (brass)

INTERNAL PARTS



* Supplied without socket

ORDERING CODE for a VALVE

3/2 – 1/8" N.C. BRASS VALVE 24 V DC
3/2 – 1/8" N.C. BRASS VALVE 220 V AC

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: SMV18M000024PV
: SMV18M000022PV

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Fluid	:	Compressed air or Water
for compressed air , lubrication is not necessary .		
Pressure range	:	Vacuum to max. 10 bar
Temperature range	:	- 10 ° C / + 60 ° C
Version	:	3/2 - 1/8" N.C. DIRECT ACTING
Internal & External parts		
Body	:	Brass
Tube & nucleus	:	Brass Tube – stainless steel nucleus and spring
Seals	:	NBR
Application	:	1. inlet pressure / 2. outlet pressure / 3. exhaust
Orifice	:	1,5 mm
Mounting	:	In any position
Suitable coil	:	22 mm Coil with 10 mm hole , according to DIN43650 / B
Fixing holes	:	2 * M3
Voltages of coil	:	220 – 230 V / 50 hz. - 9 VA / 24 V dc. ... 10 W

3/8" - 1/2" - 3/4" - 1" BRASS VALVE (2/2 - N.C.)

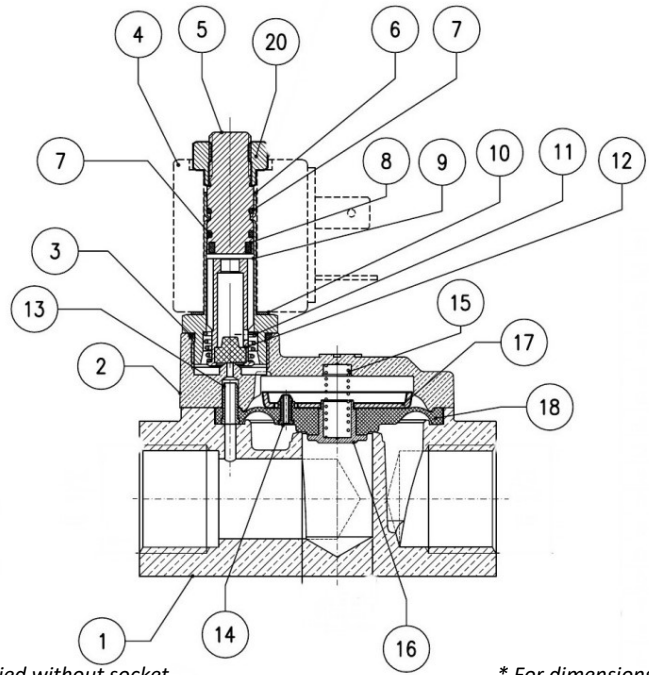
2/2 - 3/8" - 1/2" - 3/4" - 1" N.C.



DETAIL of THE INTERNAL PARTS

- | | |
|-----------------------------|----------------------|
| 13. SUPPORT SLEEVE | 20. NUT |
| 12. GASKET NBR | 19. SCREW |
| 11. CONICAL SPRING AISI 302 | 18. GASKET NBR |
| 10. CONICAL ELASTIC WASHER | 17. PLATE |
| 9. MOBILE PLANGER | 16. GLASS FOR SPRING |
| 8. SHADING RING | 15. SPRING AISI 302 |
| 7. O - RING NBR | 14. NOZZLE |
| 6. SLEEVE AISI 303 | |
| 5. FIXED CORE | |
| 4. COIL | |
| 3. PTFE RING | |
| 2. COVER (brass) | |
| 1. BODY (brass) | |

INTERNAL PARTS



* Supplied without socket

* For dimensions page 1.5

ORDERING CODES for a VALVE

2/2 - 3/8" N.C. BRASS VALVE 24 V DC	: SMV38M000024PV
2/2 - 3/8" N.C. BRASS VALVE 220 V AC	: SMV38M000022PV
2/2 - 1/2" N.C. BRASS VALVE 24 V DC	: SMV12M000024PV
2/2 - 1/2" N.C. BRASS VALVE 220 V AC	: SMV12M000022PV
2/2 - 3/4" N.C. BRASS VALVE 24 V DC	: SMV34M000024PV
2/2 - 3/4" N.C. BRASS VALVE 220 V AC	: SMV34M000022PV
2/2 - 1" N.C. BRASS VALVE 24 V DC	: SMV01M000024PV
2/2 - 1" N.C. BRASS VALVE 220 V AC	: SMV01M000022PV

Fluid : Compressed air or Water (max. viscosity 30 cst)

for compressed air lubrication is not necessary .

Pressure range : From 0,2 to max. 12 bar

Temperature range : - 10 ° C / + 90 ° C

Version : 2/2 - 3/8" N.C. / 2/2 - 1/2" N.C. / 2/2 - 3/4" N.C. / 2/2 - 1" PILOT OPERATED

Internal & External parts

Body : Brass CW617N

Tube & nucleus : Stainless steel 2/2 N.C.

Diaphragm : NBR

Coil : 22 mm Coil with 10 mm hole , according to DIN 43650 / B

Orifice : 3/8" - - 11 mm / 1/2" - - 13 mm / 3/4" - - 18 mm / 1" - - 26 mm

Mounting : In any position

Flow rate (Kv) : 3/8" - 1,7 m3/h. / 1/2" - 3,8 m3/h. / 3/4" - 5 m3/h. / 1" - 11 m3/h

Socket : Not included

Voltages of coil : 220 - 230 V / 50 hz. - 9 VA / 24 V dc. 10 W

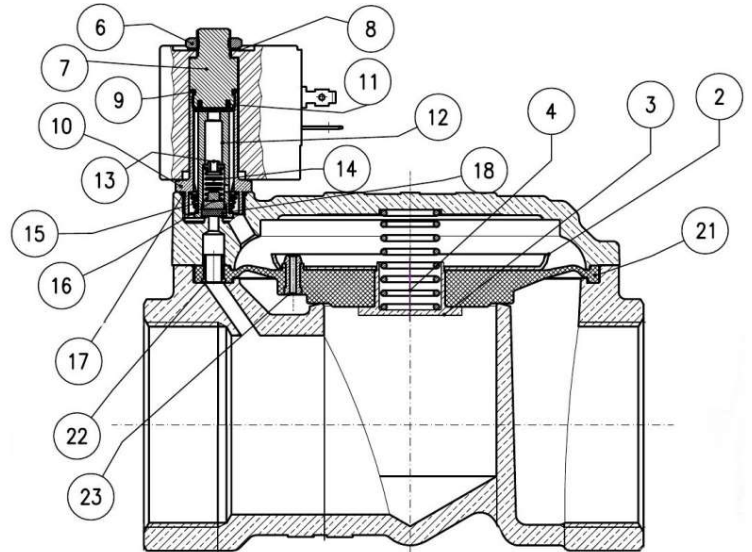
2/2 - 1 1/2" - 2" N.C.



DETAIL of THE INTERNAL PARTS

- | | |
|----------------------|--------------------------|
| 13. SPACER brass | 23. NOZZLE |
| 12. MOBILE PLUNGER | 22. SUPPORT SLEEVE |
| 11. SHADING RING | 21. GASKET NBR |
| 10. SLEEVE (brass) | 20. BODY (brass) |
| 9. PTFE RING | 19. SCREW |
| 8. CONICAL WASHER | 18. GASKET NBR |
| 7. FIXED CORE | 17. PTFE RING for SLEEVE |
| 6. NUT | 16. SUPPORT for SPRING |
| 5. COIL | 15. CONICAL SPRING |
| 4. SPRING AISI 302 | 14. SPRING AISI 302 |
| 3. GLASS for SPRING | |
| 2. PLATE AISI 304 | |
| 1. COVER (brass) | |

INTERNAL PARTS



* Supplied without socket

* For dimensions page 1.5

ORDERING CODES for a VALVE

2/2 - 1 1/2" N.C. BRASS VALVE	24 V DC	: SMV112M000024PV
2/2 - 1 1/2" N.C. BRASS VALVE	220 V AC	: SMV112M000022PV
2/2 - 2" N.C. BRASS VALVE	24 V DC	: SMV02M000024PV
2/2 - 2" N.C. BRASS VALVE	220 V AC	: SMV02M000022PV

Fluid : Compressed air or Water (max. viscosity 30 cst)
for compressed air lubrication is not necessary .

Pressure range : From 0,4 to max. 10 bar

Temperature range : - 10 ° C / + 90 ° C

Version : 2/2 - 1 1/2" N.C. / 2/2 - 2" N.C. PILOT OPERATED

Internal & External parts

Body : Brass CW617N

Tube & nucleus : Stainless steel 2/2 N.C.

Diaphragm : NBR

Coil : 30 mm Coil with 14 mm hole , according to DIN 43650 / A

Orifice : 1 1/2" - 45 mm / 2" - 50 mm

Mounting : In any position

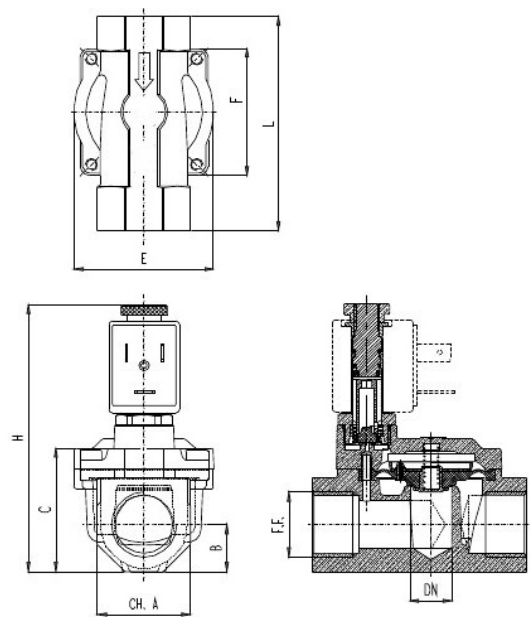
Flow rate (Kv) : 1 1/2" - 27 m3/h. / 2" - 36 m3/h

Socket : Not included

Voltages of coil : 220 - 230 V / 50 hz. - 15 VA / 24 V dc. 19 W

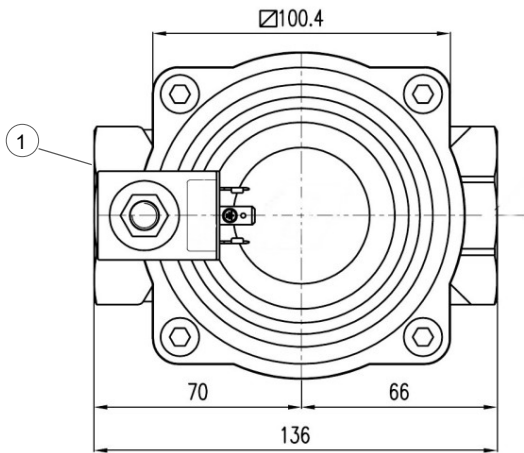
DIMENSIONS of THE DIAPHRAGM OPERATED BRASS VALVE (2/2 - N.C.)

2/2 3/8" - 1/2" - 3/4" - 1" N.C.

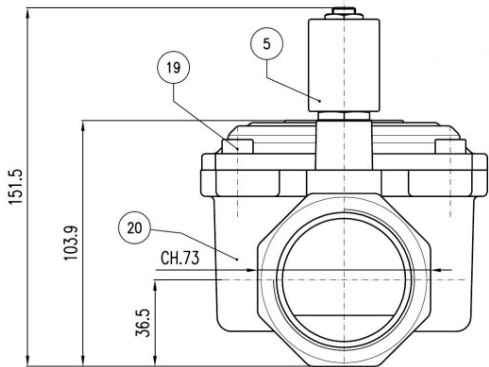
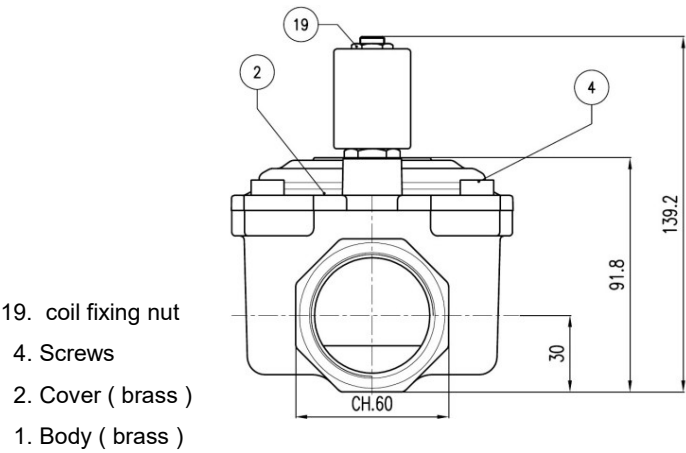
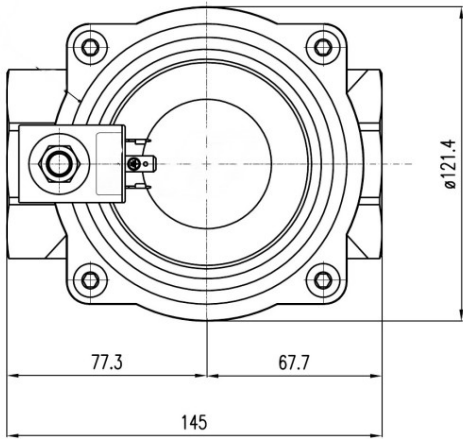


	3/8"	1/2"	3/4"	1"
DN	11,5	13,5	18	26
CH.A	24	30	36	45
B	12	15	18	22,5
C	32,5	40	46,5	60
E	42	45	54	71
F	38	41	50	67
L	57	69	74	93
H	93,5	101	108	120

DIMENSION of 2/2 .. 1 1/2" .. N.C.



DIMENSION of 2/2 .. 2" .. N.C.

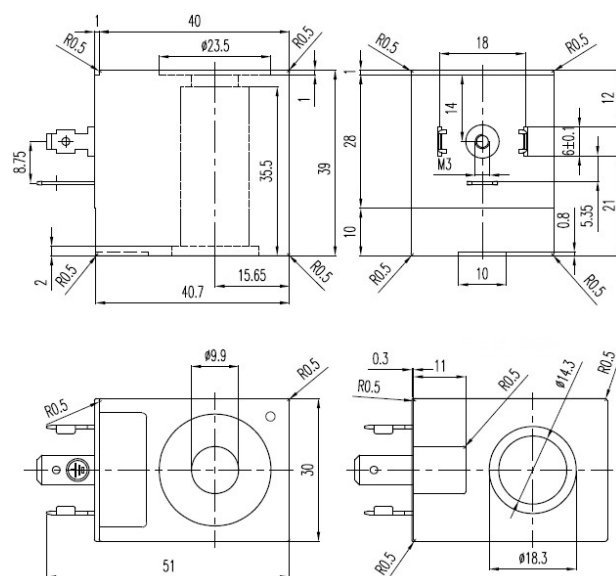


20. Body (brass)
19. Screws
5. Coil

30 mm COILS Ø 14 mm



Standard of the coil	DIN 43650 / A
Wide of the coil	30 mm
Sleeve hole	14 mm
Voltages	24 v dc 19 W / 230 ac 15 VA
Tolerances	+/- %10 for AC / +/- %5 for DC
Code for 24 v DC	SMB301400024DC
Code for 220 v AC	SMB301400220AC

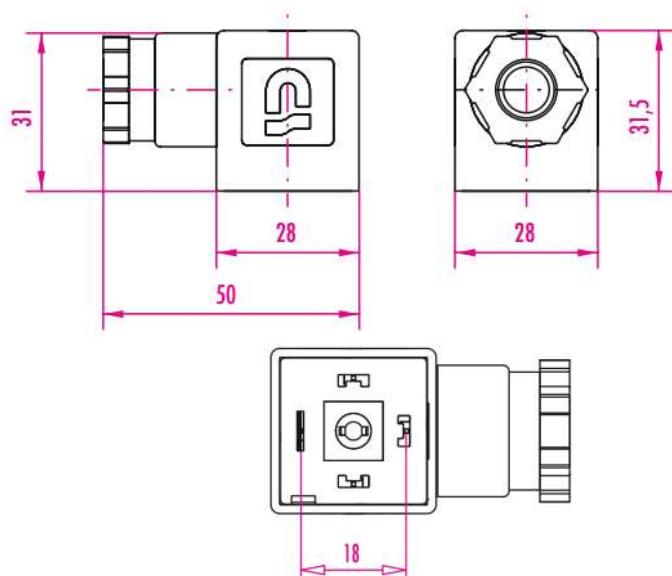


30 mm SOCKETS



* Suitable coil standard is DIN 43650 / A

Operating voltage	max. 250 V
Nominal current	10 A
Contact resistance	4 m ohm
Cable size	3*0,75 mm ² - 4*0,75 mm ²
Degree of protection	IP 67
Housing material	soft PVC
Code	SMBS3000000000

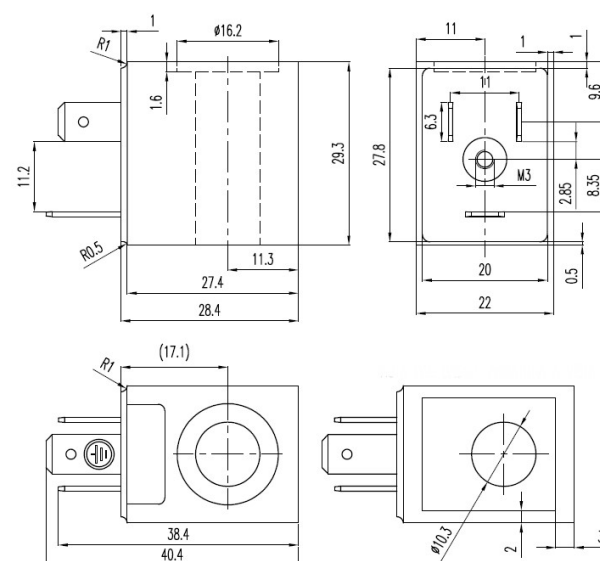


22 mm COILS Ø 10 mm



* For the sockets please see page

Standard of the coil	DIN 43650 / B
Wide of the coil	22 mm
Sleeve hole	10 mm
Voltages	24 v dc 10 W / 230 ac 9 VA
Tolerances	+/- %10 for AC / +/- %5 for DC
Code for 24 v DC	SMB221000024DC
Code for 220 v AC	SMB221000220AC





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