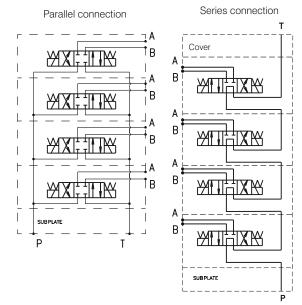


Page	CONTENTS:
	SVM06
	SVK06
	SVM04

### **GENERAL DESCRIPTION**

- √ 4/3- and 4/2- way directional control valves with solenoid operation
- ✓ Thread connection of working ports "A" and "B" except for RH06...1-.../...GFS modification
- ✓ Up to 8 sections for horizontal stacking & up to 4 sections for vertical stacking

# Scheme for vertical stacking



The RH06...1-.../...GF... valves consist of a spool , housing , springs and solenoids.

The valves are used for hydraulic power control. These modifications are designed with two-spring centered spool about 4/3- and 4/2- valves. The housing has 5-chambers and a horizontal "T" duct. Working ports

"A" and "B" are threaded directly into the valve housing except for RH06...1-.../...GFS modification.

The valve location during assembly is of minor importance, but the horizontal position is generally recommended.

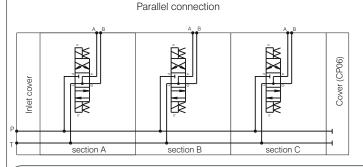
RH06...1-.../...GF... model is designed as an end plate, at modular mounting of directional control valves type RH06...1-.../...GFM... and they are used for vertical stacking - see next page.

RH06...1-.../...GFS..., RH06...1-.../...GFST... & RH06...1-.../...GFSTS... are designed for horizontal stacking.

All these modifications supersedes completely those with plate, but at lower cost and the maximum flow is reduced -  $\max$ . flow -  $40l/\min$ .

# Scheme for horizontal stacking





We reserve the right to change specifications without notice.

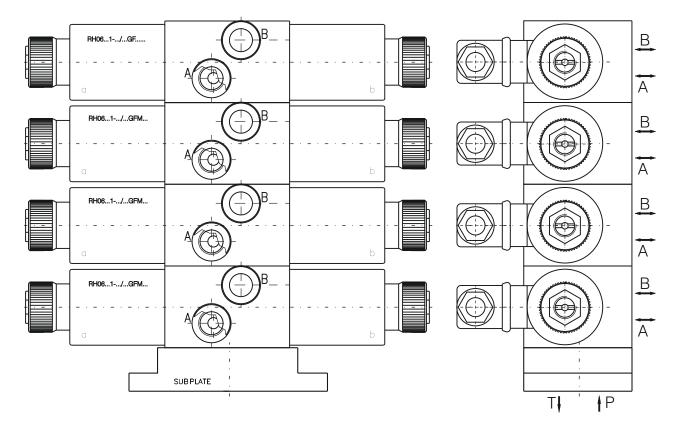
www.caproni.bg

SVM06...-..

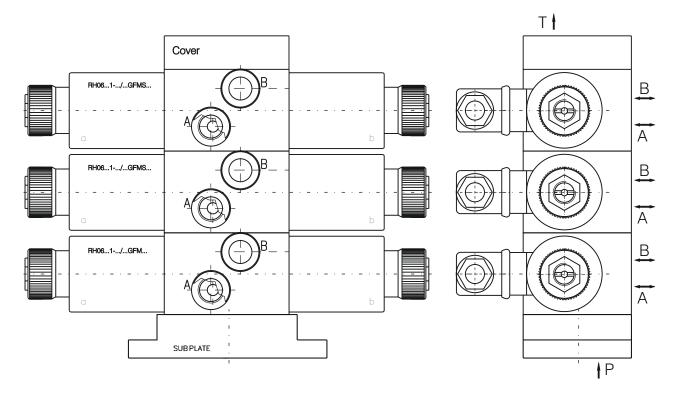
**GENERAL DESCRIPTION** 

Vertical stacking

RH06...1-.../...GF.....-parallel connection

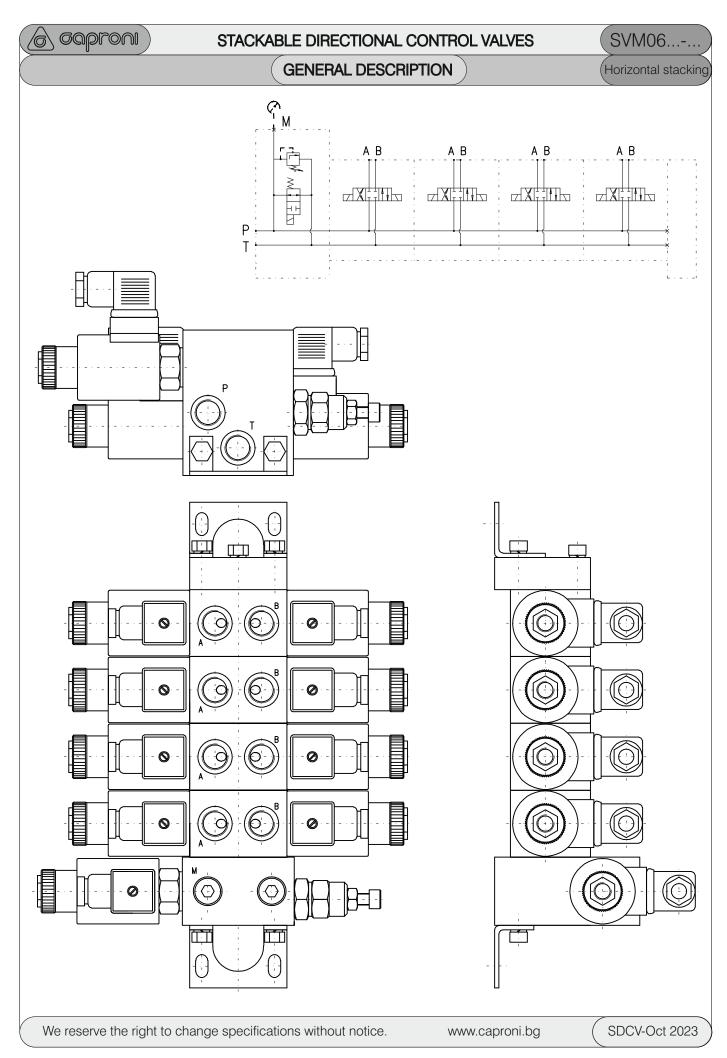


RH06...1-.../...GF.....-series connection



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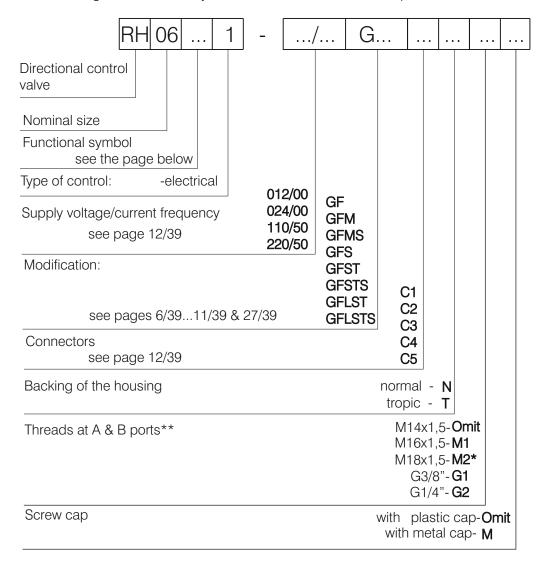


SVM06...-..

### ORDERING CODE

(RH06...1-.../...G...

This ordering code is valid only for directional control valves as part of stackable directional control blocks.



\* Only for GFST, GFSTS, GFLST & GFLSTS modification \*\* These options are not valid for GFS modification

	FUNCTIONAL SYMBOLS							
DESIG- NATION	SYMBOL	INTERMEDIATE	DESIG- NATION	SYMBOL	INTERMEDIATE	DESIG- NATION	SYMBOL	INTERMEDIATE
00	A B P T b		14			33		
01	MXIIIN		16	WEIN		35	Wilk	EIHX
02	MILLIAM		24			45		
04	MAIHINM		28	WITT		74	WHITE	

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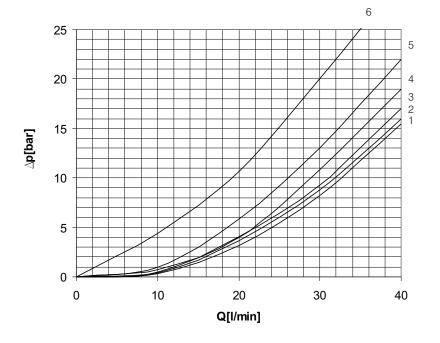


SVM06...-.

RH06...1-.../...G.....

### **CHARACTERISTICS**

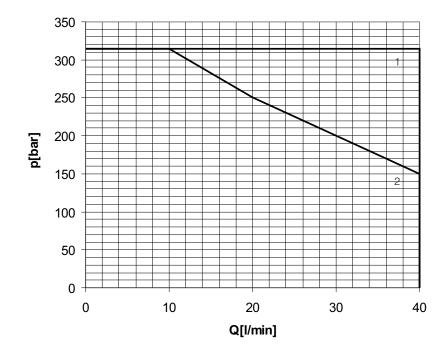
 $\Delta p/Q$ 



0)/14DOL	CURVE				
SYMBOL	P>A	P>B	A>T	B>T	P>T
00	2	2	1	1	3
01	3	3	2	2	
02	5	5	6	6	4
04	3 5	3	1	1	
14				6	4
16	3			2	
24		3	1		
28	3			1	
33		2	1		3
35		5	6		4
45		3	2		
74	2			1	3

p/Q

The operating limit of hydraulic power shown here is for applications with two directions of flow (e.g. from P to B and simultaneously from A to T). If the valve is with one direction passage only (e.g. from P to B and with blocked port A), the operating limit may considerably be reduced. The performance limits are measured with hydraulic oil  $35\pm5~\text{cSt}$ , temperature 50 °C and supply voltage  $0.9U_\text{N}$ 



SYMBOL	CURVE
00	1
01	1
02	2
04	1 2
14	2
16	1
24	1
28	1
24 28 33 35	1
35	2
45	1
74	1

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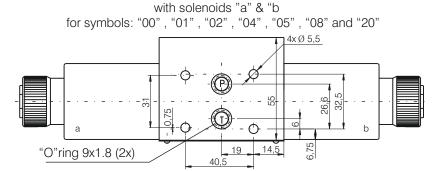
SVM06...-..

**DIMENSIONS** 

RH06...1-.../...GF...

All dimensions are shown in mm.

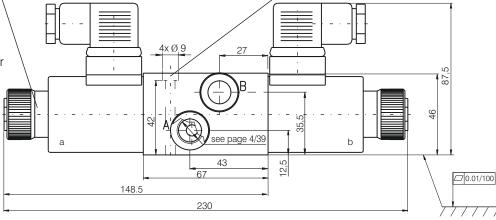
RH06...1-.../...GF...

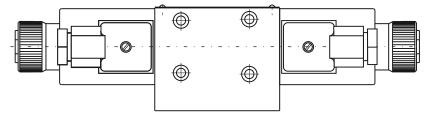


For one-lead supply scheme, the metal screw cap should be used-code M-see page 4/39.

Standard fixing bolts are M5x50 (10,9 class recommended). Torque 6...8 Nm.

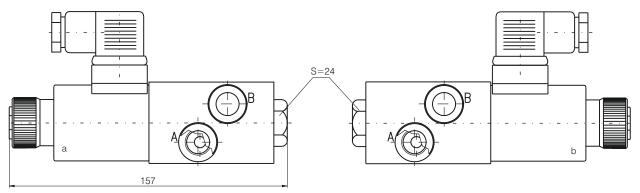
The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.





with solenoid "a" for symbols: 11 , 12 , 14 , 17 , 24 , 33 and 45

with solenoid "b" for symbols: 10, 16 and 28



The other dimensions are the same as double solenoid valve.

We reserve the right to change specifications without notice.

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SVM06...

### **DIMENSIONS**

RH06...1-.../...GFM..

All dimensions are shown in mm.

RH06...1-.../...GFM...

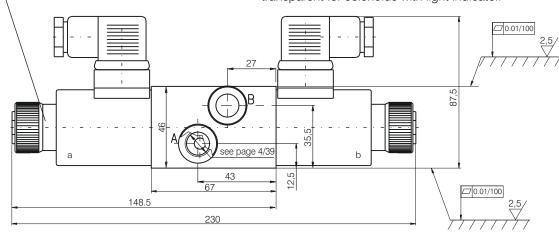
for symbols: "00", "01", "02", "04", "05", "08" and "20"

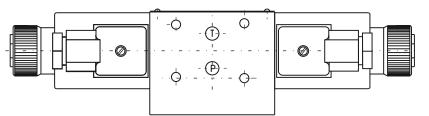
with solenoids "a" & "b

For one-lead supply scheme , the metal screw cap should be used-code M-see page 4/39.

"O"ring 9x1.8 (2x)

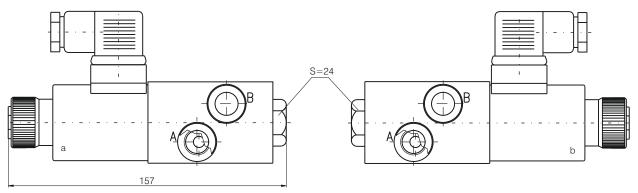
The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.





with solenoid "a" for symbols: 11 , 12 , 14 , 17 , 24 , 33 and 45  $\,$ 

with solenoid "b" for symbols: 10, 16 and 28



The other dimensions are the same as double solenoid valve.

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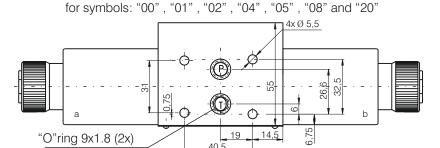
SVM06...

### **DIMENSIONS**

RH06...1-.../...GFMS

All dimensions are shown in mm.

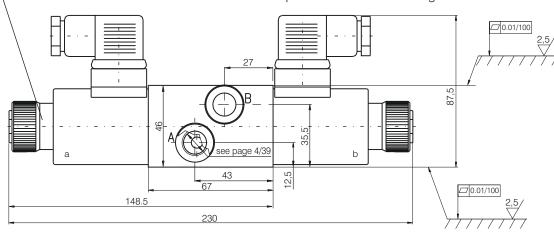
RH06...1-.../...GFMS...

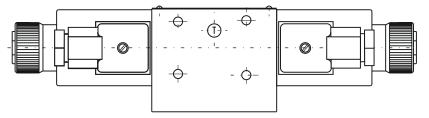


with solenoids "a" & "b

For one-lead supply scheme, the metal screw cap should be used-code M-see page 4/39.

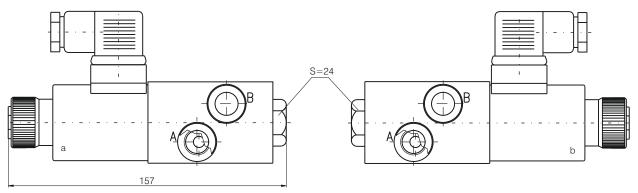
The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.





with solenoid "a" for symbols: 11 , 12 , 14 , 17 , 24 , 33 and 45

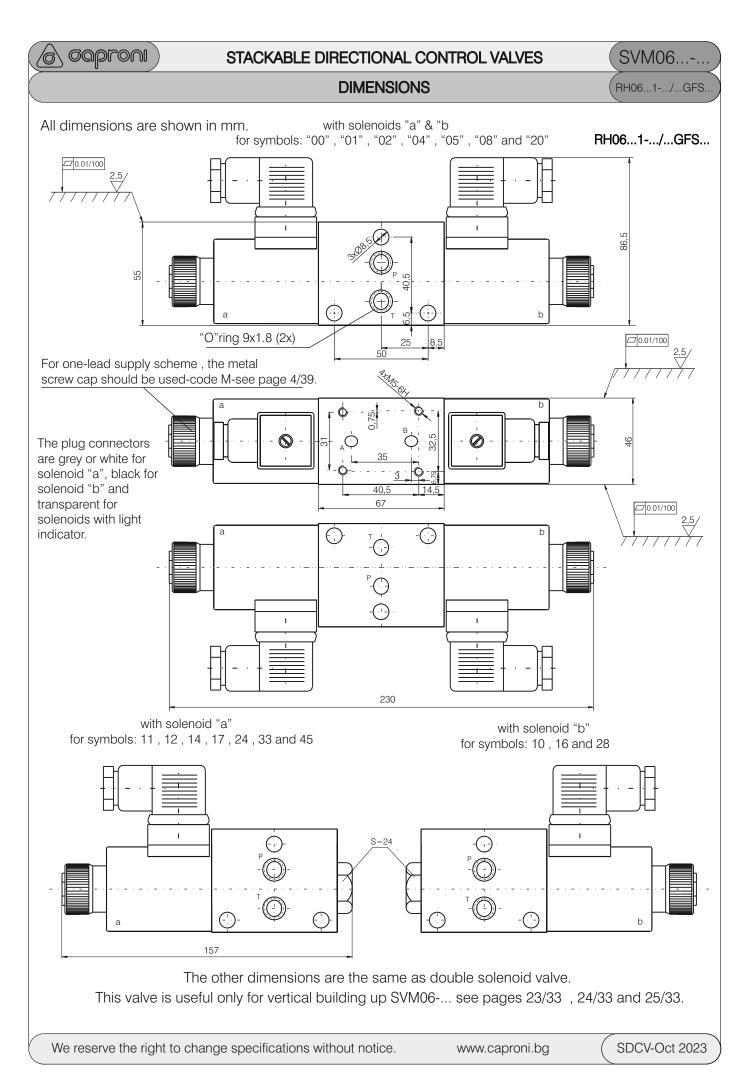
with solenoid "b" for symbols: 10 , 16 and 28

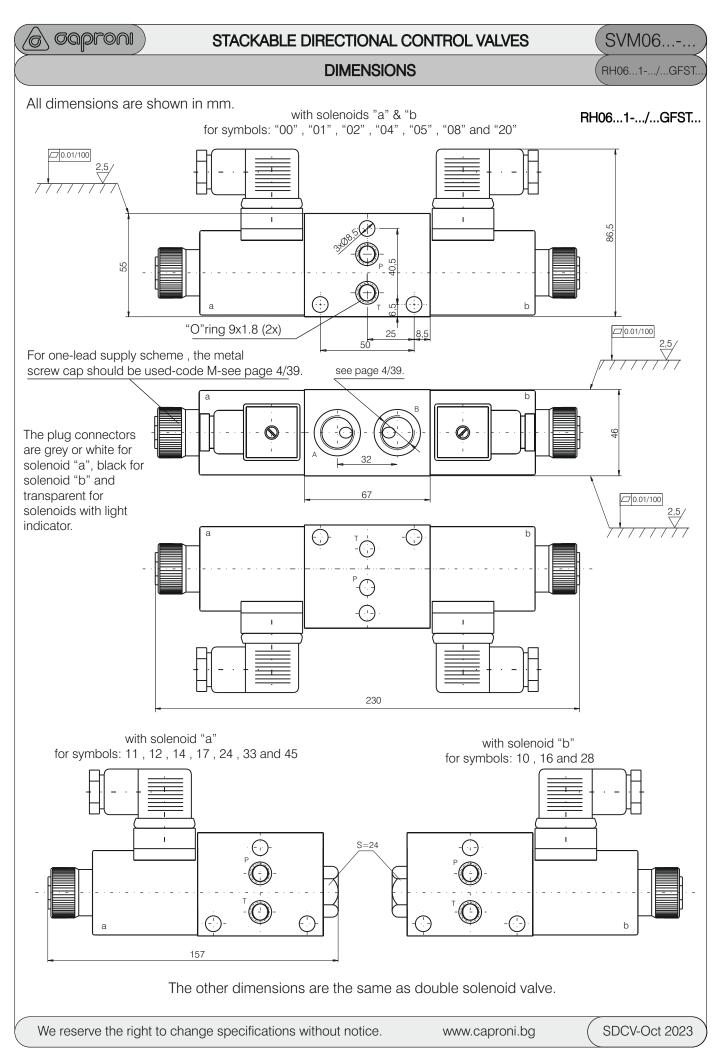


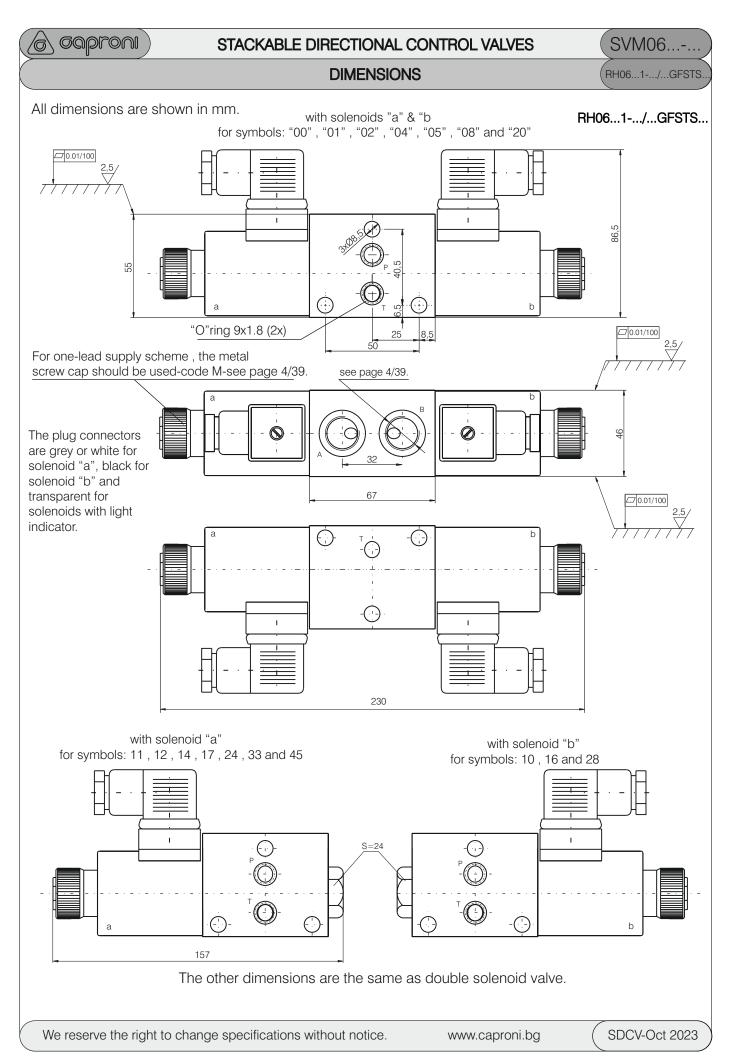
The other dimensions are the same as double solenoid valve.

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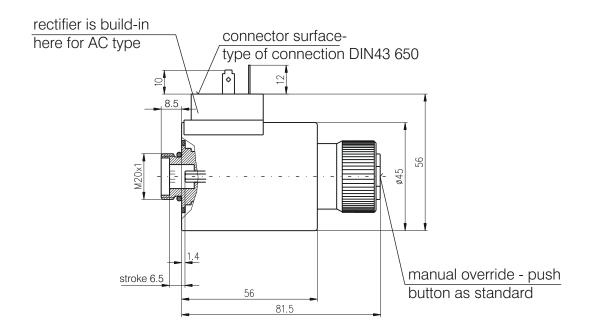


SVM06...-.

**SOLENOIDS** 

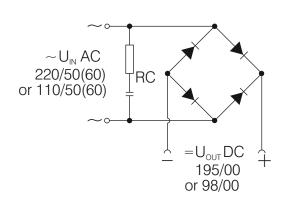
AC & DC

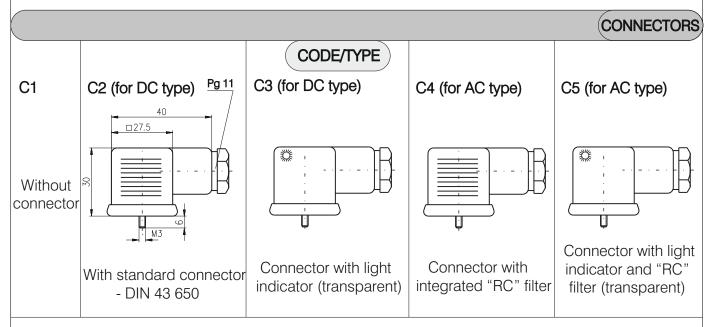
All dimensions are shown in mm.



AC and DC solenoids have the same dimensions, connections and characteristics. The difference between AC and DC solenoids is in the integrated rectifier into the AC type. The solenoids can be used for 50Hz and 60Hz. The type of rectifier is shown here.

The supply voltages are as follows: 12V DC , 24V DC , 110V AC/50(60)Hz and 220V AC/50(60)Hz. RC filter is integrated into the connector(see below) and is used only with AC solenoids.





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SVM06...-.

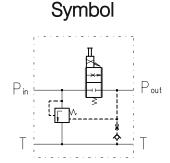
PROPORTIONAL FLOW REGULATOR 3-WAY STACKABLE WITHOUT FEEDBACK

FRTP06..

### GENERAL DESCRIPTION

The FRTP06... valve is used to control the speed of hydraulic actuators. This valve is designed for assembling with other valves for stackable control blocks.





- ✓ 3- way flow regulator with proportional solenoid operation without feedback
- ✓ Removable coils-quick replacement and rotation in any direction without leakage from the system
- ✓ Manual override option (push button)

### **ORDERING CODE**

FRTP 06 - 25 - GF ... ...

25I/min

Proportional flow regulator

Nominal size

Nominal flow:

Modification

N - normal

T - tropical

Connectors:

Climatic realization:

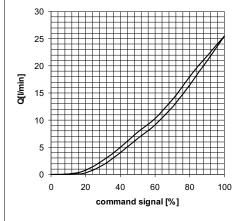
C1 - without connectors

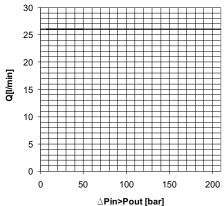
C2 - with connectors without light indicator

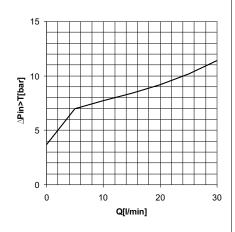
C3 - with connectors with light indicator

### **CHARACTERISTICS**

Measured at: PWM 120Hz. ,  $I_{max}$ =2,5A ,  $I_{min}$ =1A , t=45°C







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SVM06...-.

PROPORTIONAL FLOW REGULATOR 3-WAY STACKABLE WITHOUT FEEDBACK

FRTP06..

### TECHNICAL DATA

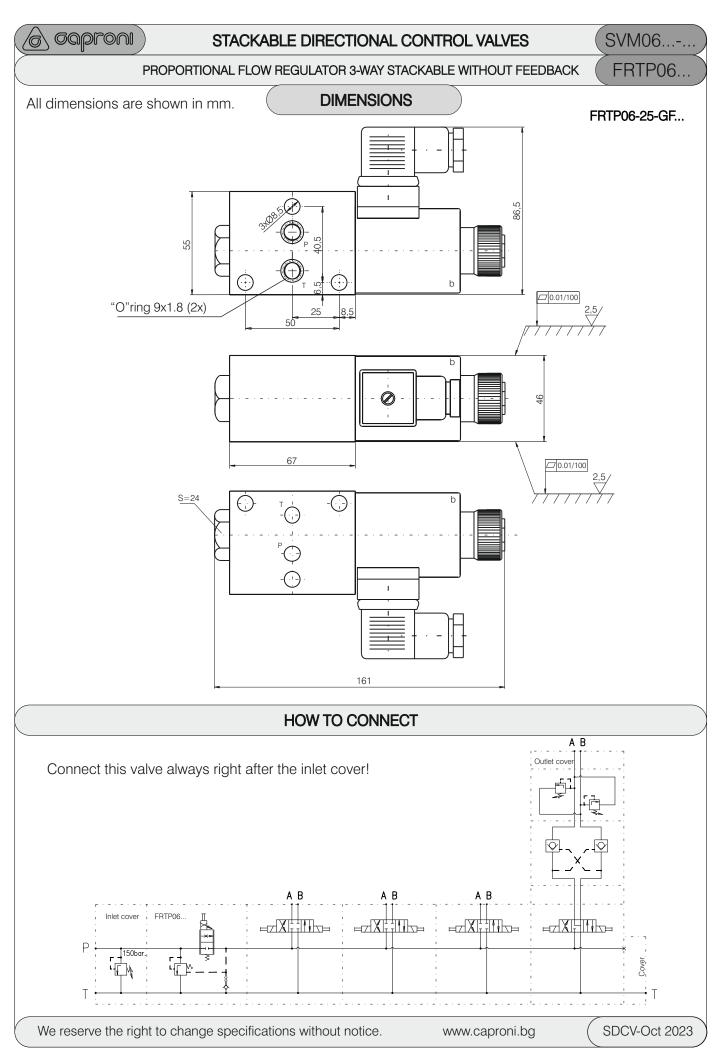
		GENERAL
DATA	UNIT	VALUE/RANGE
Installation position		optional, preferably horizontal
Ambient temperature range	°C	-20+50
Weight	kg	1,600
Hysteresis	%	<6
Repeatability	%	±1,5
		HYDRAULIC
Max. operating pressure	MPa	21
Regulated flow Max. inlet flow	l/min	25 40
Hydraulic fluid-mineral oil: -viscosity -filtration degree acc to ISO 4406 -temperature	mm²/s class °C	10400 18/16/13 -2080
		ELECTRICAL
Cyclic duration	%	100
Waterproof		IP65
Heat insulation		Н
Coil resistance cold warm	Ω	2,2 3
Max current	А	2,5
		AMPLIFIER

# EDAR 1211-1 -25 Order separately

This digital amplifier EDAR 1211-1-25 is designed to control direct operated proportional directional control valves and proportional flow regulators with one solenoid without feedback - see "List: EDAR1211-1-25".

We reserve the right to change specifications without notice.

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SVM06...-.

DIGITAL AMPLIFIER FOR PROPORTIONAL VALVES WITHOUT FEEDBACK

EDAR1211-1-25



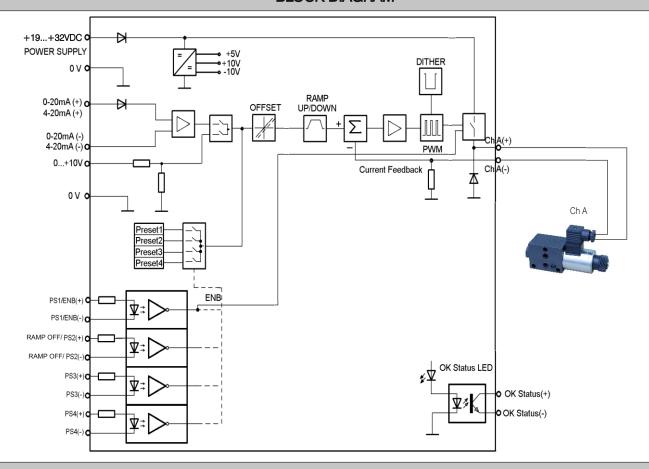
### **GENERAL DESCRIPTION**

This digital amplifier EDAR 1211-1-25 is designed to control direct operated proportional directional control valves and proportional flow regulators with one solenoid without feedback. There are few adjustments for base parameters:

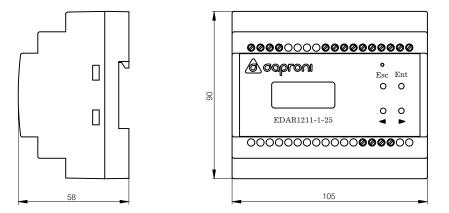
- -lmax. to control the maximum current to the solenoid
- -lmin. to correct the positive overlap (dead band elimination)
- -Ramps to set increasing/decreasing time on channel "a"
- -PWM to regulate hysteresis and stability (accuracy) of the valve high frequency high accuracy , high hysteresys low frequency low accuracy , low hysteresys.

The adjustments set realized by 4 push buttons on the front cover. The amplifier is designed for rail mounting type DIN EN 50022.

### **BLOCK DIAGRAM**



### **DIMENSIONS**



We reserve the right to change specifications without notice.

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SVM06...-..

DIGITAL AMPLIFIER FOR PROPORTIONAL VALVES WITHOUT FEEDBACK

EDAR1211-1-25

	TECHNICAL DATA					
DATA	UNIT	VALUE/RANGE				
Power supply	V DC	24 (1932)				
Max. power consumption	W	35				
Max. output current	А	2,7				
Power supply polarity protection						
Output short-circuit protection						
Available reference signals	V	0+10				
	mA	020 420				
		4 preset values selected by 4 discrete inputs				
Ramps		Two ramps according to rising and falling reference signal				
Ramps (duration)	sec	0,019,99				
Opto isulated output signal - "OK"	mA V DC	I <sub>max.</sub> =50 U <sub>max.</sub> =35				
Opto isulated input signal - "ENABLE"	V DC	24				
4 opto isulated input signal for preset values selection	V DC	24				
PWM frequency	Hz	80500				
Reference signal offset correction	%	-9,99+9,99				
Mounting		Rail type DIN EN 50022				
Ambient temperature	°C	050				
Storage temperature	°C	-20+50				

We reserve the right to change specifications without notice.

Dimensions

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SDCV-Oct 2023

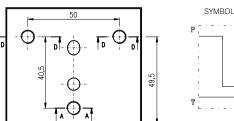
105x90x60

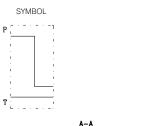
mm

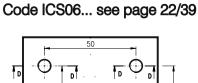
**INLET COVERS** 

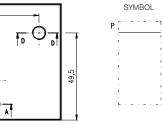
Inlet covers are available only with GFS, GFST & GFSTS modification (horizontal stackable control blocks).

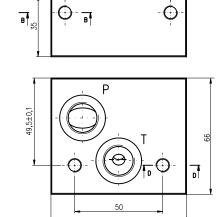
## Code ICP06... see page 22/39

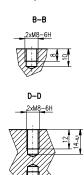


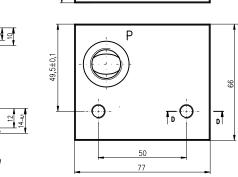




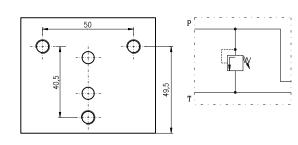


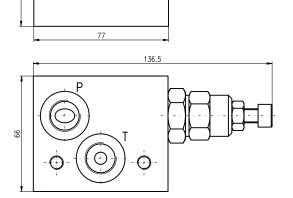




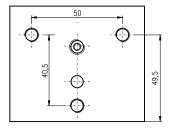


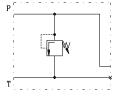
### Code ICVP06... see page 22/39

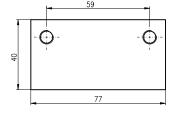


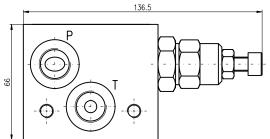


# Code ICVS06... see page 22/39



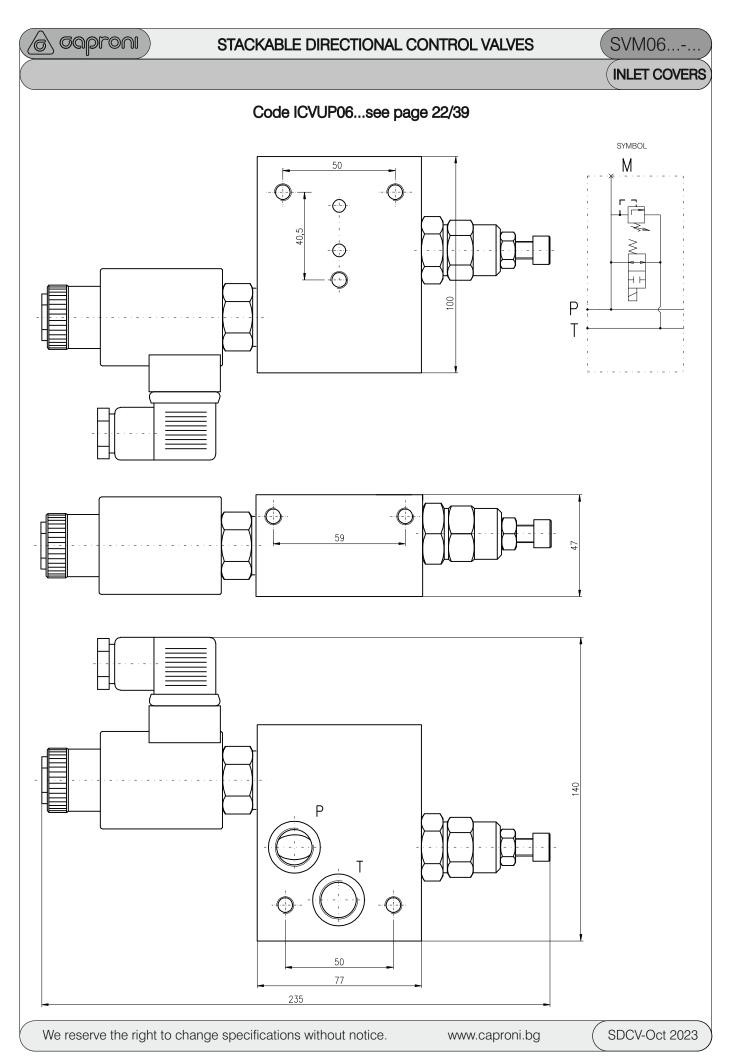


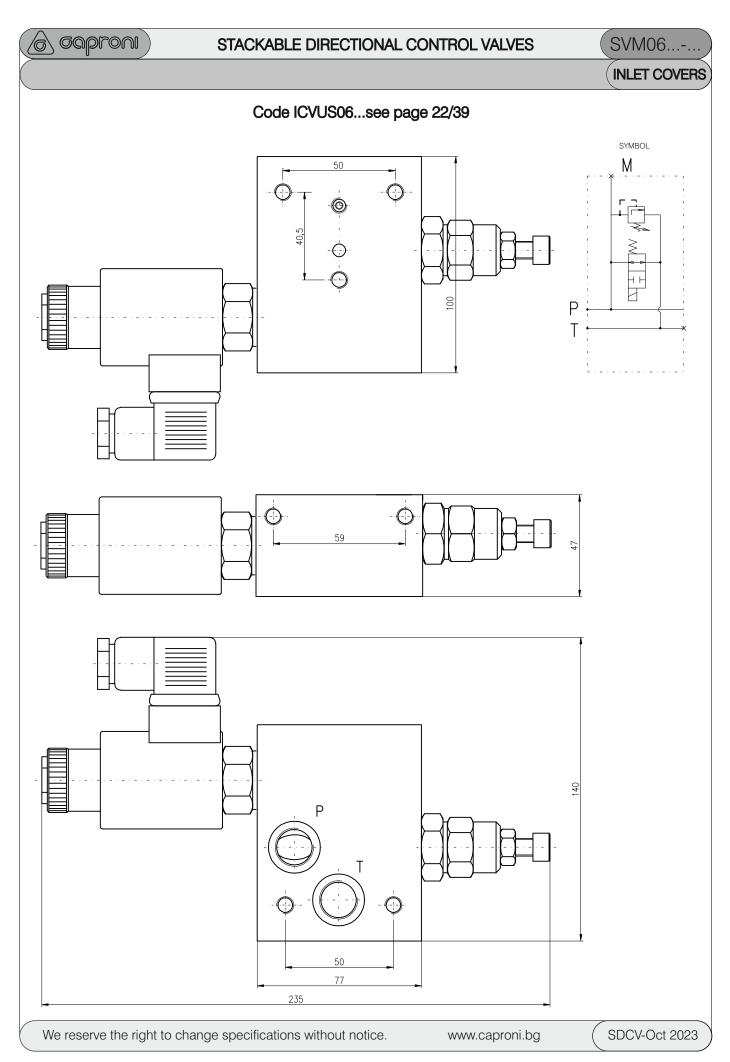




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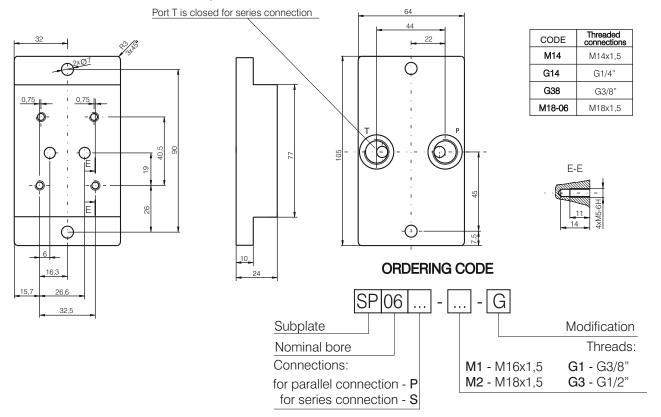


SVM06...-.

### **ACCESSORIES**

**SUBPLATES** 

All dimensions are shown in mm. Subplates are available with GF, GFM and GFMS modification (vertical stackable control blocks).

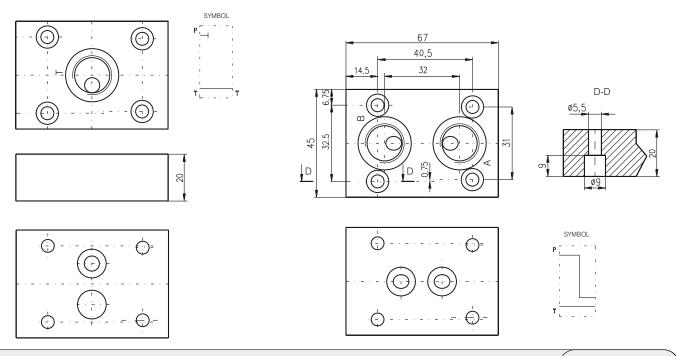


# OUTLET COVER

Outlet covers are available with horizontal stackable control blocks with vertical superstructure - OC06... and with vertical stackable control blocks as peak plate when we realize series connection - OCVS06....

## Code OCVS06 see page 22/39

# Code OC06... see page 22/39



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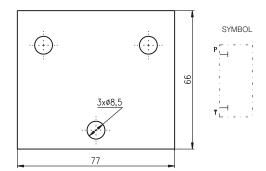


SVM06...-..

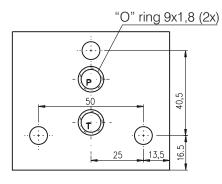
**COVERS** 

Inlet covers are available only with GFS, GFST & GFSTS modification (horizontal stackable control blocks).

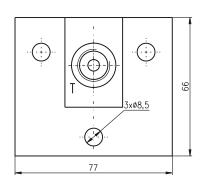
### Code CP06 see below

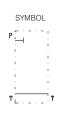


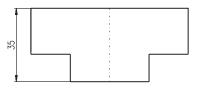


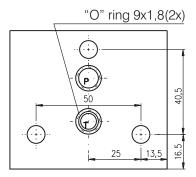


### Code CS06... see below









### ORDERING CODE FOR ALL COVERS

06 inlet cover(for horizontal stacking) - without valves for parallel connection -ICP - without valves for series connection -ICS - with relief valve for parallel connection -ICVP - with relief valve for series connection -ICVS - with relief & unloading valves for series connection -ICVUS - with relief & unloading valves for parallel connection -ICVUP outlet cover(for horizontal stacking and vertical superstructure) -OC outlet cover(for vertical stacking and series connection) -OCVS cover(for horizontal stacking) - parallel -CP - series -CS Nominal size Connection threads: M16x1,5 - M1 - M2 M18x1,5 G3/8" - G1 G1/2" - G3

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SDCV-Oct 2023

Supply voltages:

Omit - without

**12** - 12V DC

**24** - 24V DC **11** - 110V RAC

Pressure adjustment

ranges (only for ICVP

Omit

relief valve **10** - 8...100bar **21** - 15...210bar **32** - 108...315bar

ICVS, ICVUS & ICVUP):

without

22 - 220V RAC

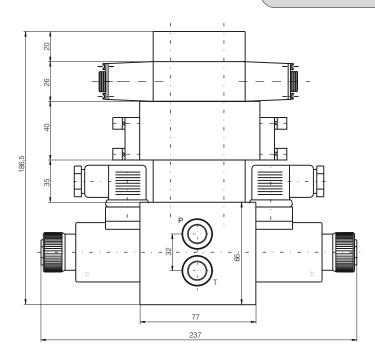
unloading valve

(only for ICVUP

& ICVUS)

Valve assembly: SVM06...-...

### **GENERAL DESCRIPTION**



# √ 4/2 and 4/3 - way directional control valves with solenoid operation made up with inlet cover , outlet cover and cover.

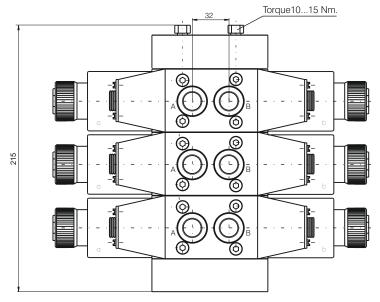
- ✓ Thread connection of ports "A", "B"
  "P" and "T".
- ✓ Possibility of vertical superstructure with pilot operated check valve , throttle check valve or both standard component.
- ✓ Up to 8 sections without vertical superstructure.

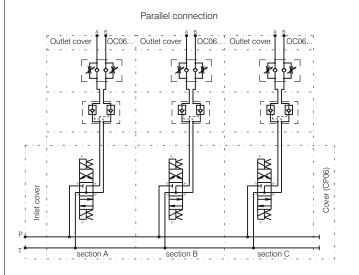
Up to 6 sections with vertical superstructure.

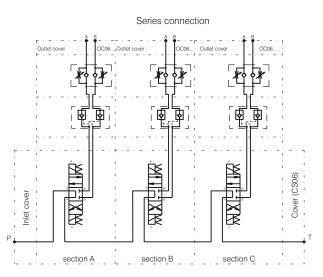
✓ Possibility of parallel and series connection.

Directional control valves are stackable type RH06...1-.../...GFS...-for vertical superstructure, and RH06...1-.../...GFST...& RH06...1-.../...GFSTS... - for horizontal stacking.

The stackable valves for vertical superstructure are standard version CETOP 3 modular valves.





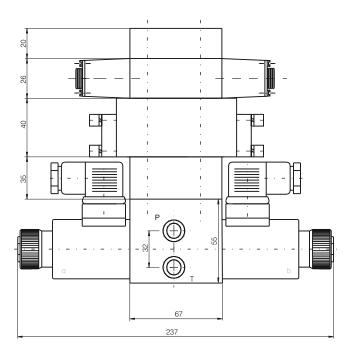


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### **GENERAL DESCRIPTION**

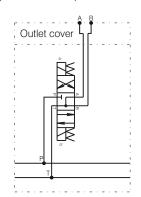
# Valve assembly: SVM06...-...

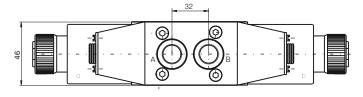


Every section can have the following configurations as shown below:

- -directional control valve with pilot operated check valve and adjustable throttle check valve,
- -directional control valve with pilot operated check valve,
- -directional control valve with adjustable throttle check valve.
  - -directional control valve without valves.
- -directional control valves with pilot operated check valve and dual relief valve.

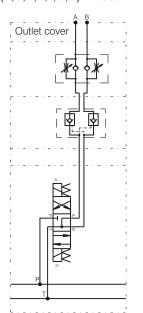
A(B,C,D,E,F,G,H)...- without code

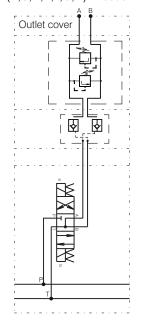




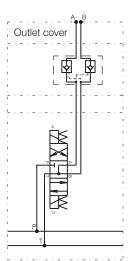
POSSIBLE CONFIGURATIONS\*

A(B,C,D,E,F,G,H)...- code "KT" A(B,C,D,E,F,G,H)...- code "KR"

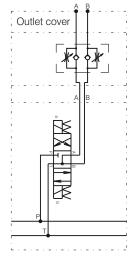








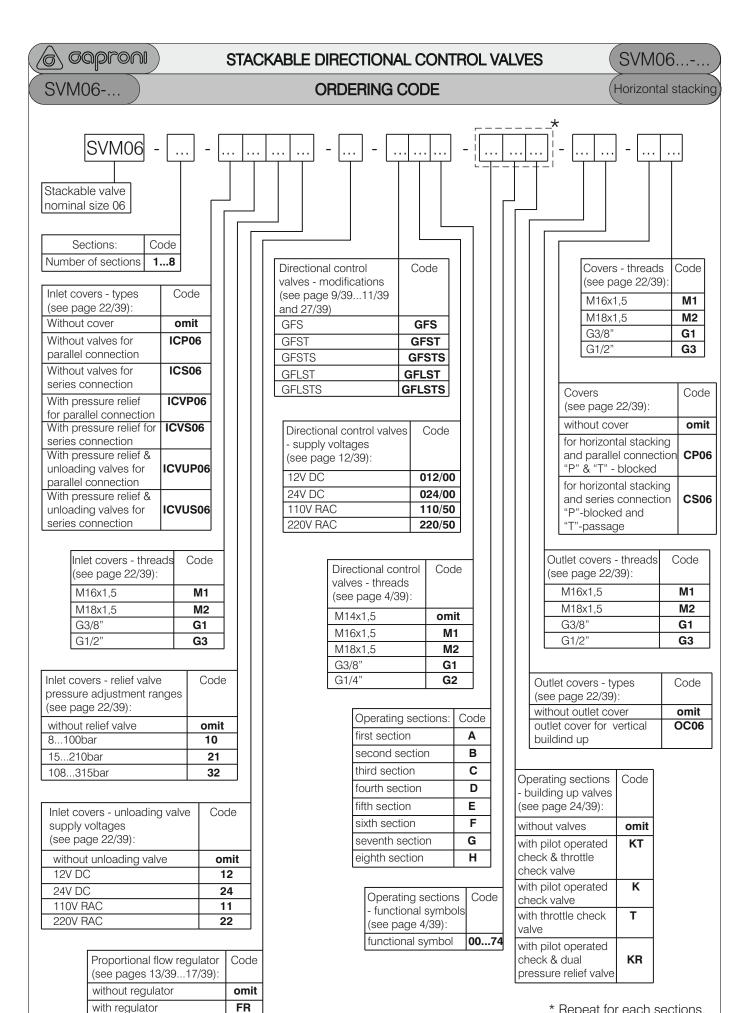
A(B,C,D,E,F,G,H)...- code "T"



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<sup>\*</sup>Codifications-see page 25/33 "ORDERING CODE" marked with \*.



\* Repeat for each sections.

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# (a caproni

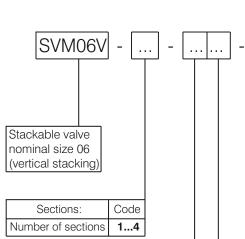
### STACKABLE DIRECTIONAL CONTROL VALVES

SVM06...-..

SVM06V-...

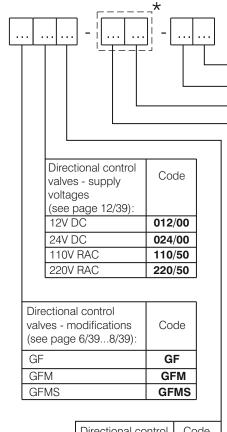
### **ORDERING CODE**

Vertical stacking



Subplates - types (see page 21/39):	Code
for parallel connection	SP06P
for series connection	SP06S

Subplates - threads (see page 21/39):	Code
M16x1,5	M1
M18x1,5	M2
G3/8"	G1
G1/2"	G3



Directional control valves - threads (see page 4/39):	Code
M14x1,5	omit
M16x1,5	M1
M18x1,5	M2
G3/8"	G1
G1/4"	G2

Covers - threads (see page 22/39):	Code
M16x1,5	M1
M18x1,5	M2
G3/8"	G1
G1/2"	G3

Cover (see page 22/39):	Code
without cover (only with "GF" mod. DCV)	omit
for parallel connection ("P"&'T'- blocked,	OCVP06
for series connection ("P" - blocked , "T" - passage)	OCVS06

Operating sections	Code
- functional symbols	
(see page 4/39):	
(see page 4/00).	
functional symbol	0074
Turictional Symbol	0074

Operating sections:	Code
first section	Α
second section	В
third section	С
fourth section	D

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<sup>\*</sup> Repeat for each sections.



SVM06...-.

#### **DIMENSIONS**

RH06...1-.../...GFLST

All dimensions are shown in mm.

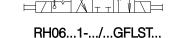
SYMBOL



modification of directional control valve for SVM06...

stackable DCV is available in all modifications

that listed above. Construction with emergency lever

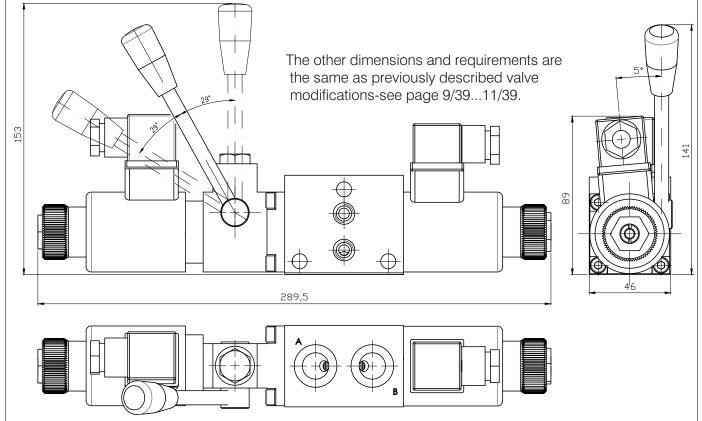


allows 50 bars in the T port, therefore it is not suitable for series connection. The lever was designed as emergency lever - in case of electric power failure.

For a longer life of manual control, switch without impact!

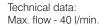
When you reach the end position, do not exert any more force!

When the valve is in electromagnetic control mode, the handle must be in the neutral fixed position!

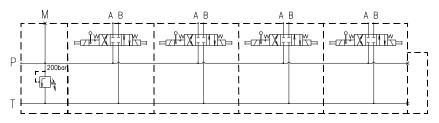


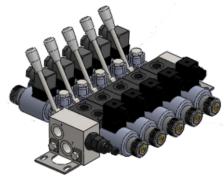
Note: Manual control is only for emergency, not for continuous operation!

### **ASSEMBLY EXAMPLE**



Max. pressure: PA,B - 315 bar. T - 210 bar.





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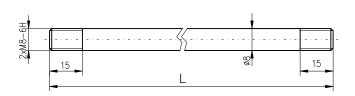


SVM06...-.

### **ACCESSORIES**

**STUDS** 

Studs: M8xL (3pcs per block).

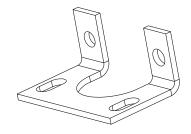


Number of sections	L(mm)
For 1 section	94
For 2 sections	140
For 3 sections	186
For 4 sections	232
For 5 sections	278
For 6 sections	324
For 7 sections	370
For 8 sections	416

**BRACKETS** 

Fixing brackets: (2pcs per block)

Manufacturing code - 217169



**NUTS** 

Nuts: M8 DIN934/8 (3pcs per block). Tightening torque - 8...10Nm.

**WASHERS** 

Washers: Ø8 DIN7980 (5pcs per block).

**BOLTS** 

Bolts: M8x16 DIN933 10.9 (2pcs per block). Tightening torque - 40Nm.

**SCREWS** 

Screws: M5x DIN912 10.9 (depend on vertical building up elements). **Tightening torque - 9,5Nm.** 

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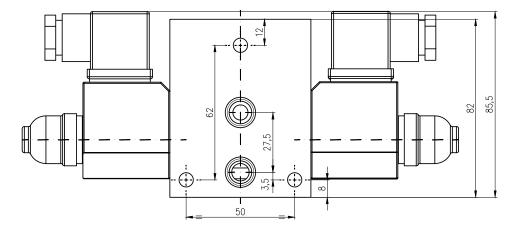
SVK06...-.

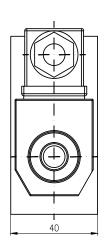
### **DIMENSIONS**

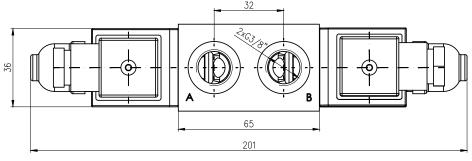
RH06041-.../...SF...-KOHU6.

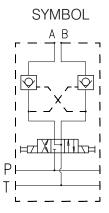
All dimensions are shown in mm.

RH06041-.../...SF...-KOHU6...





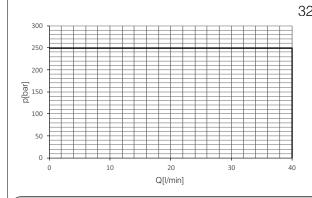


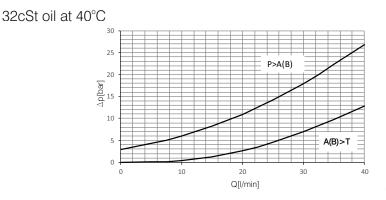


RH06041-.../...SF...-KOHU6... modification of directional control valve for SVK06... stackable DCV is available with only shown symbol .

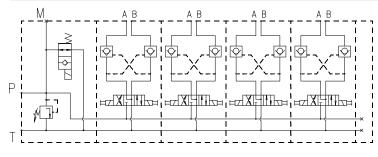
This variant is designed with integrated hydraulically operated check valve and motor spool.

### **CHARACTERISTICS**





### **ASSEMBLY EXAMPLE**

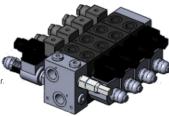


Technical data: Max. flow - 40 l/min. Max. pressure: P,A,B - 250 bar. T - 210 bar.

Supply voltage - 12VDC or 24VDC Solenoid power - 27W Threads: A,B - G3/8" Check valve cracking pressure - 3 bar Pilot ratio 2:1

Body surface - Zn plated

Manual override - yes, push button



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valve

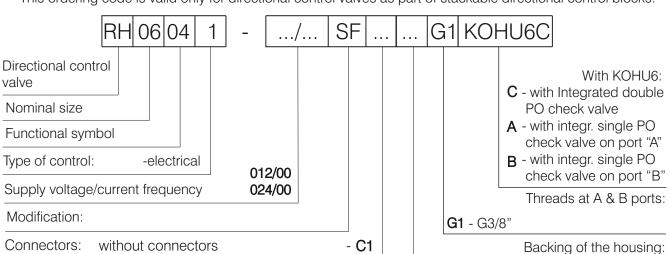
### STACKABLE DIRECTIONAL CONTROL VALVES

SVK06...-..

RH06041-.../...SF...-KOHU6C

### ORDERING CODE

This ordering code is valid only for directional control valves as part of stackable directional control blocks.



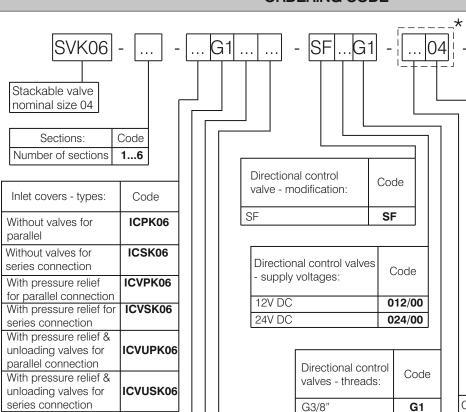
with connectors without light indicator - C2

with connectors with light indicator

N - normal T - tropic

### ORDERING CODE

SVK06...



G3/8"	G1
Inlet covers - threads: (P & T ports)	Code

Inlet covers - relief valve pressure adjustment ranges:	Code
without relief valve	omit
5250bar	25

Inlet covers - unloading valve supply voltages:	Code
without unloading valve	omit
12V DC	12
24V DC	24

Covers - threads:	Code
without threads	omit
(for CPK06)	
G3/8"(for CSK06)	G1

Covers:	Code
for horizontal stacking and parallel connection "P" & "T" - blocked	CPK06
for horizontal stacking and series connection "P"-blocked and "T"-passage	CSK06

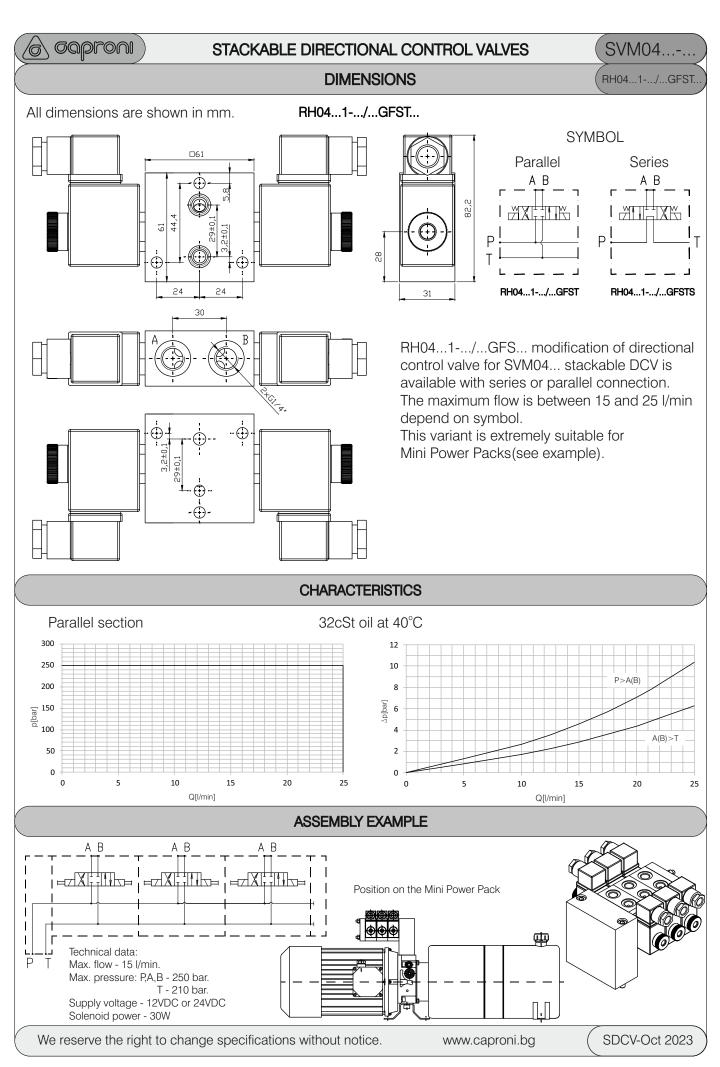
functional symbol	04
Operating sections - functional symbol	Code
0 1: 1:	

Operating sections:	Code
irst section	Α
second section	В
hird section	С
ourth section	D
ifth section	Е
sixth section	F

\* Repeat for each sections.

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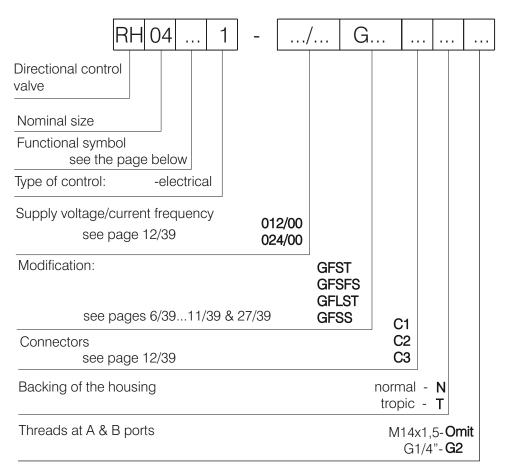


SVM04...-..

### ORDERING CODE

(RH04...1-.../...G...

This ordering code is valid only for directional control valves as part of stackable directional control blocks.



	FUNCTIONAL SYMBOLS							
DESIG- NATION	SYMBOL	INTERMEDIATE	DESIG- NATION	SYMBOL	INTERMEDIATE	DESIG- NATION	SYMBOL	INTERMEDIATE
00	A B		14			33		
01	MXIIIN		16	WIII		35	WHIXE	HIHX
02			24			45		
04	MAIHINM		28	WEITE		74	WHITI	

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SVM04...-..

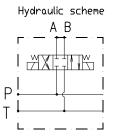
### **DIMENSIONS**

RH04...GFST..

### RH04011-024/00GFSTC2N

All dimensions are shown in mm.

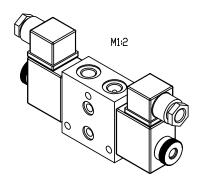
Note: It is used when building a SVM04 with parallel connection – e.g. spool scheme 01 or 04 .

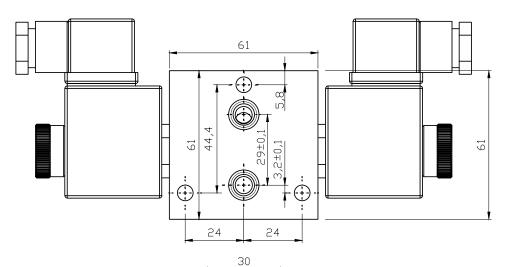


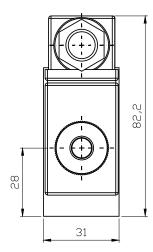
Technical data:

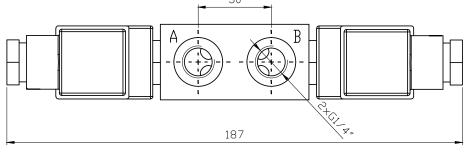
Max. pressure - 250bar

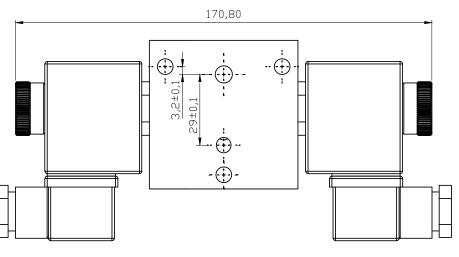
Max. flow - 25l/min











The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.

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SVM04...-..

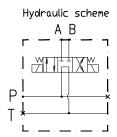
### **DIMENSIONS**

RH04...GFSFS..

### RH04021-024/00GFSFSC2N

All dimensions are shown in mm.

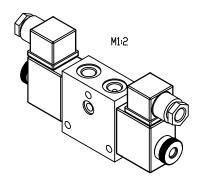
Note: It is used as the first distributor (after inlet cover), when building a SVM04 with series connection - spool scheme 02.

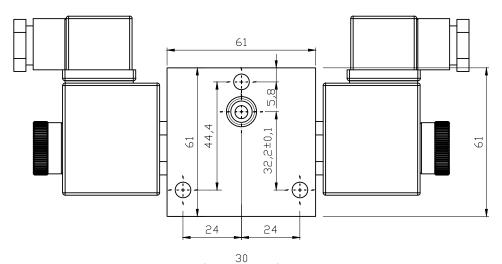


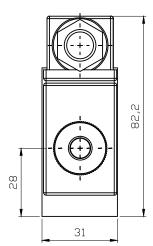
Technical data:

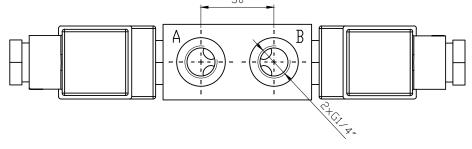
Max. pressure - 250bar

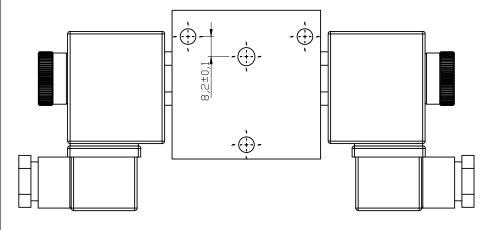
Max. flow - 15l/min











The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.

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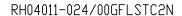


SVM04...-..

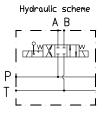
All dimensions are shown in mm.

### **DIMENSIONS**

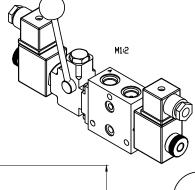
RH04...GFLST..

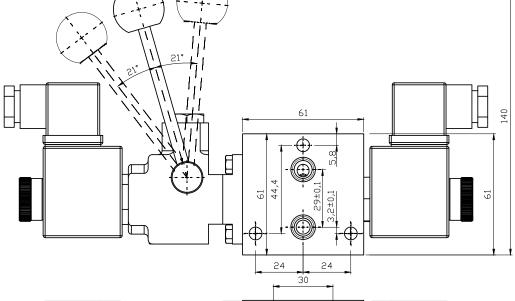


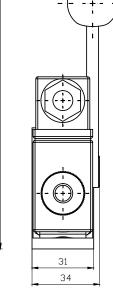
Note: It is used when building a SVM04 with parallel connection — e.g. spool scheme 01 or 04 .

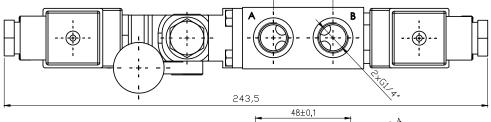


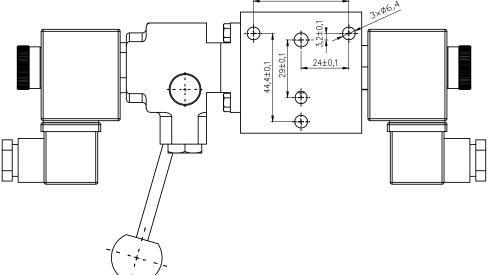
Technical data: Max. pressure - 250bar Max. flow - 251/min











The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.

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SVM04...-..

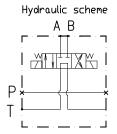
### **DIMENSIONS**

RH04...GFSS..

### RH04021-024/00GFSSC2N

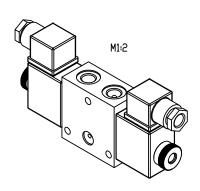
All dimensions are shown in mm.

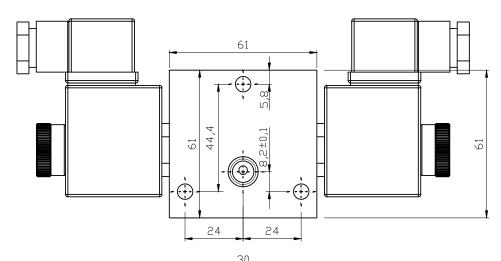
Note: It is used as the 2-nd, 3-th and etc. distributor when building a SVM04 with series connection - spool scheme 02.

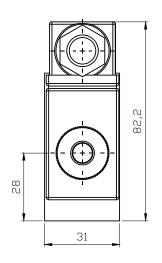


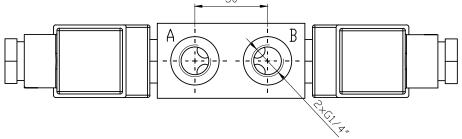
Technical data:

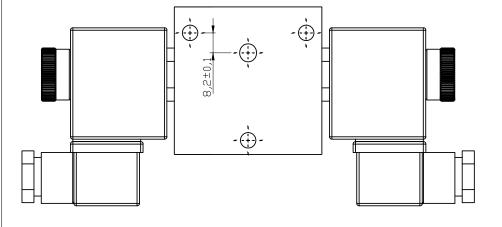
Max. pressure - 250bar Max. flow - 151/min











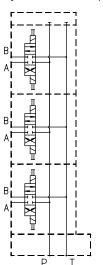
The plug connectors are grey or white for solenoid "a", black for solenoid "b" and transparent for solenoids with light indicator.

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### **GENERAL DESCRIPTION**

Stackable directional control valves are designed to control one or more open hydraulic circuits. There are two basic constructions - for horizontal and vertical stacking. Thanks to their flexible and compact design , this kind of directional control valves is extremely suitable for embedding in hydraulic mini power packs.



### **TECHNICAL DATA**

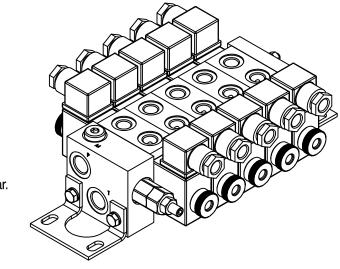
Max. flow - 25 l/min. Max. pressure P,A,B - 250 bar. T - 210 bar.

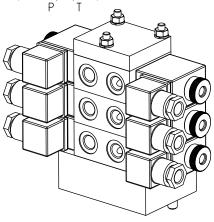
Solenoids: DC - 12V , 24V Power - 30W

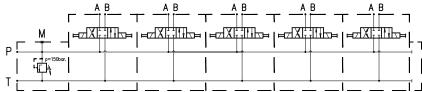
Pressure relief valve:

adjustment range - 5...250 bar.

Up to 6 sections available.

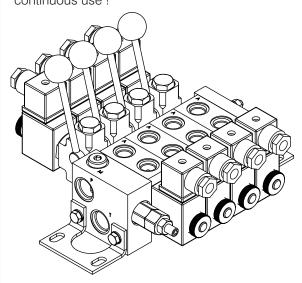


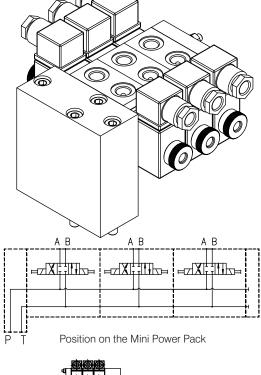




Construction with emergency lever allows 50 bars in the T port, therefore it is not suitable for series connection.

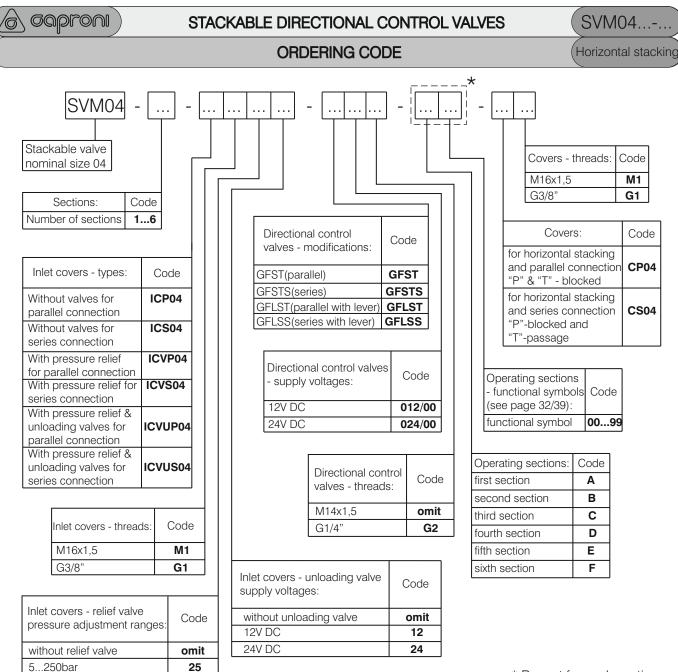
The lever was designed as emergency lever - in case of electric power failure and is not recommended for continuous use!





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<sup>\*</sup> Repeat for each sections.

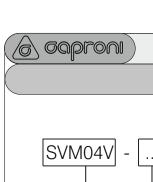
#### ORDERING EXAMPLE

Example for stackable directional control valve, 4 sectional, inlet cover with pressure relief set at 160 bars for parallel connection and threads G3/8", directional control valves type GFST for parallel connection solenoids 12V DC and threads (A and B) G1/4", all sections with functional symbol "01", cover for horizontal stacking and parallel connection(P&T-blocked):

SVM04-4-ICVP04G11612-GFLST012/00G2-A01B01C01D01-CP04

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Subplates - types:

for parallel connection

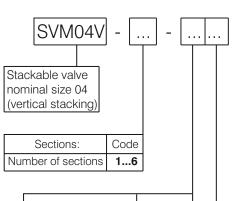
for series connection

### STACKABLE DIRECTIONAL CONTROL VALVES

SVM04...-..

### **ORDERING CODE**

Verticalal stacking

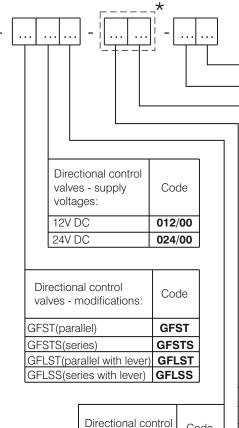


Subplates - threads:	Code
M16x1,5	M1
G3/8"	G1

Code

SP04P

SP04S



		Operating sections:	
Directional control		first section	
valves - threads:	Code	second section	
		third section	
M14x1,5	omit	fourth section	
G1/4"	G2	fifth section	

sixth section

Covers - threads: Code for cover CP04 omit M16x1,5 M1 G3/8" G1

Covers:	Code
for vertical stacking and parallel connection "P" & "T" - blocked	OCVP04
for vertical stacking and series connection "P"-blocked and "T"-passage	OCVS04

functional symbol	0099
(see page 32/39):	
- functional symbols	Code
Operating sections	

\* Repeat for each sections.

Code Α

В

С

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