

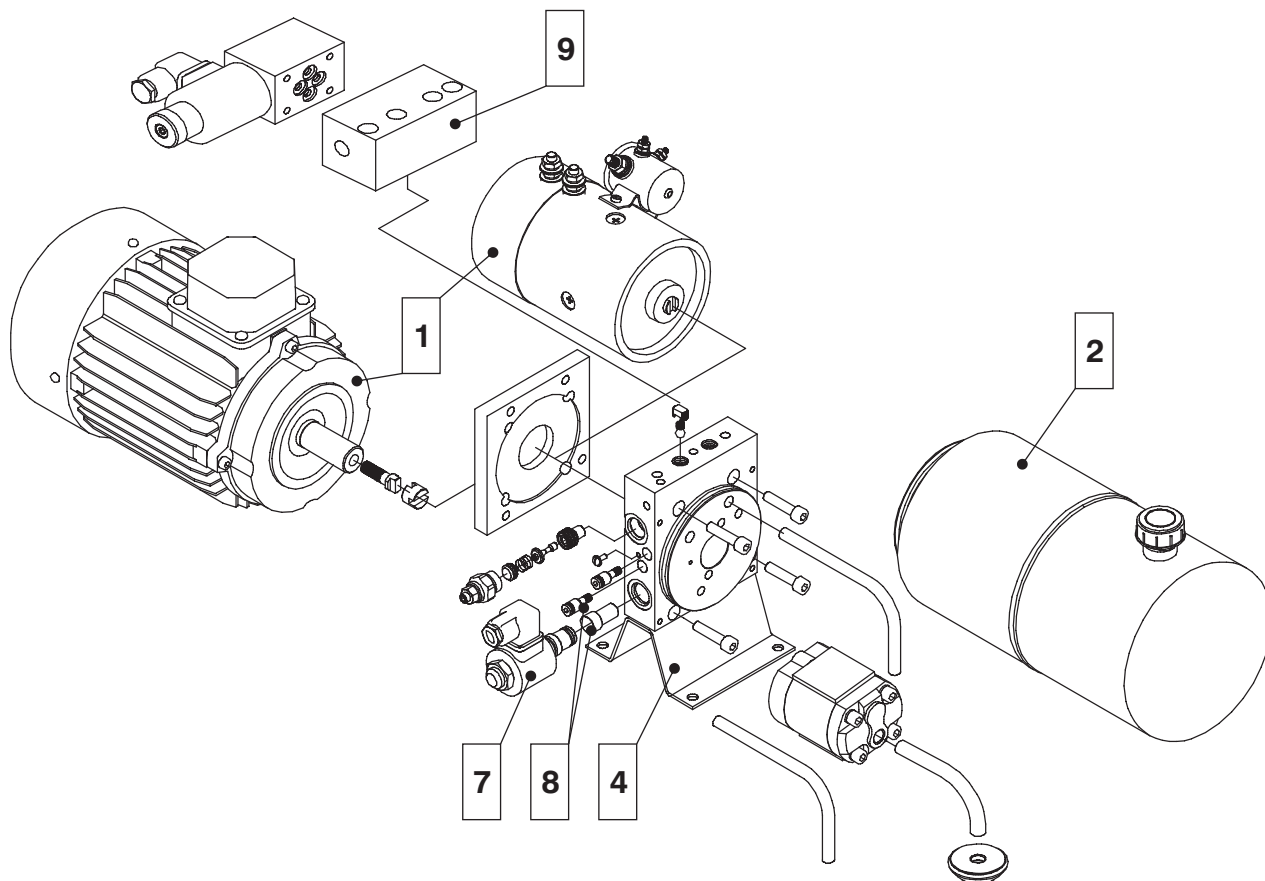


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MINI HYDRAULIC POWER PACKS

MPP ...



TECHNICAL DATA		
Maximal pressure	bar	250
Maximal flow	L/min	12
Tank volume	l	1...12
Power electric motor	kW	0.5...3
Port threads P and T		G1/4"

ORDERING CODE

MPP	DC2/12R	- 8	- 1	- Y	- 5	- P200	- SVB12VDC	- FR5	- U..	...	U..
Type	1	2	3	4	5	6	7	8	9		

ELECTRIC MOTOR

1

$$P = (p \times Q) / 510 \text{ [kW]}$$

P - power electric motor

p - max. Pressure [bar]

Q - Flow [l/min]

DC motor

DC 2 / 12 R

Type

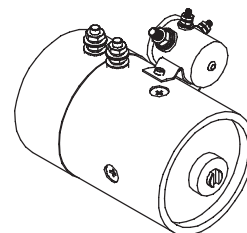
POWER CODE	
code	Power kW
0,8	0,8
1,5	1,5
2	2
3	3

OPERATING
VOLTAGE [V]

12
24

RELAY CODE

code	
R	With relay
Omit	Without relay

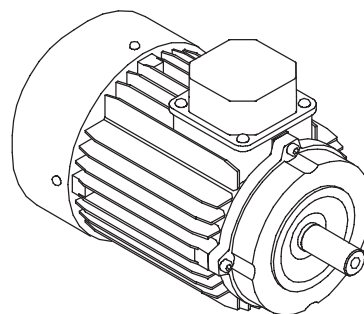


AC motor

AT 3

TYPE	
code	
AT	Three-phase 220/380V ,50Hz
AT4	Three-phase 400,50Hz
ASR	Single-phase 220V ,50Hz

POWER CODE	
code	Power kW
0,55	0,55
0,75	0,75
1,1	1,1
1,5	1,5
2,2	2,2
3	3

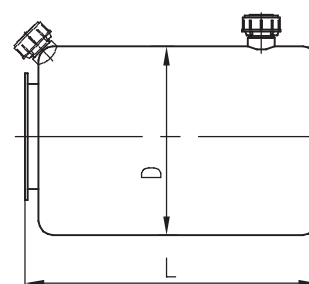


TANK

2

8

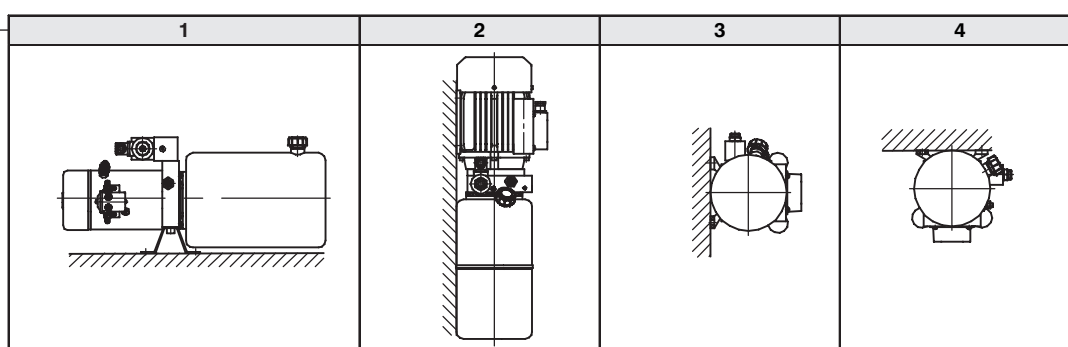
	VOLUME	L	D
code	l	mm	mm
1	1	150	114
3	3	210	160
5	5	310	160
8	8	310	200
10	10	360	200
12	12	420	200



MOUNTING POSITION

3

1





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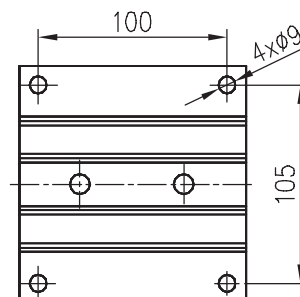
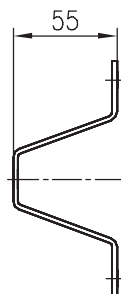
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MPP ...

SUPPORT

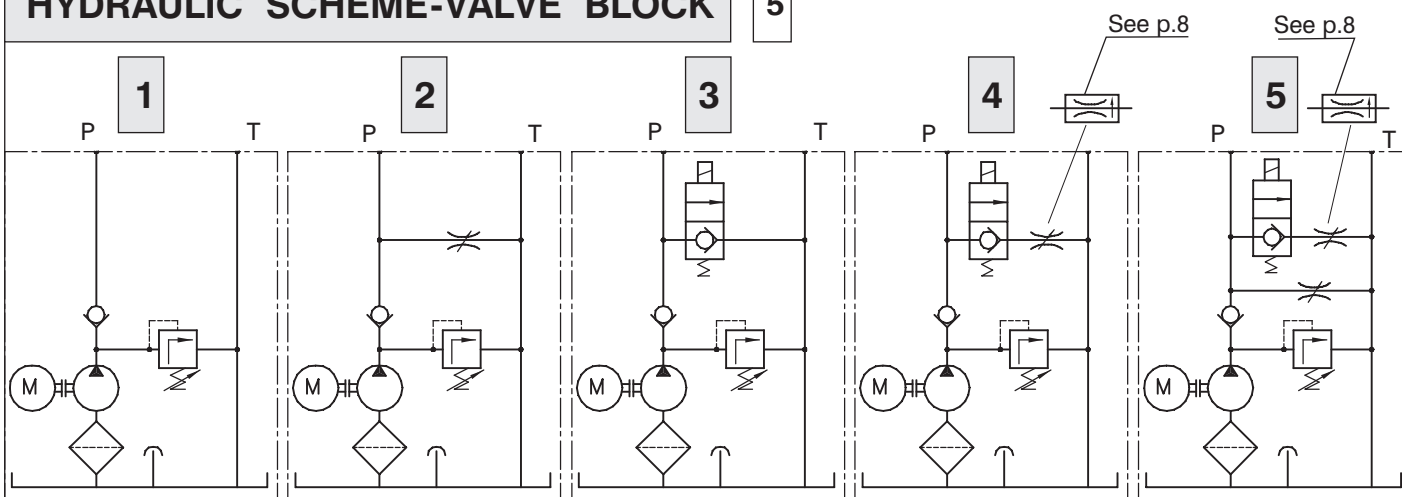
4

S	Y	Support as on drawing
	N	Without support



HYDRAULIC SCHEME-VALVE BLOCK

5



PRESSURE

6

P 200

Describe the pressure of adjustment in bar .Pressure range 20...250 bar

SOLENOID VALVE

7

SV	A	12V	DC
Type			
SCHEME			
code			
A			
B			
ORATING VOLTAGE			
12V			
24V			
110V			
220V			
CURRENT			
code			
DC			
AC			

For scheme 3,4 and 5



NEEDLE VALVE or FLOW CONTROL VALVE

8

FR 5

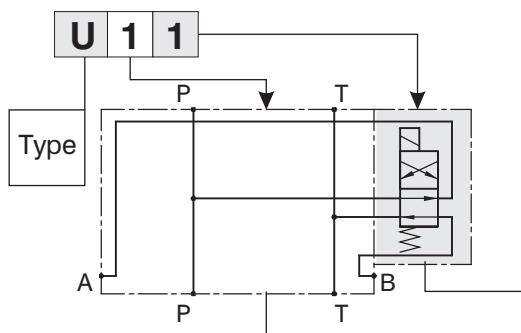
Flow control valve	FR
Needle valve	NV

FLOW FOR FLOW CONTROL VALVE

code		1	2	3	4	5	6	7	8	9
Flow	L/min	1	2	3	4	5	6	7	8	9

EXTENDING VALVE BLOCK

9



SCHEME	
code	
1	
2	
3	
4	

To extend the hydraulic scheme is used an extending valve block.

A few block be used for mouting on the main block, by two M8 screw.

Port threds A and B G1/4"	1	1A	1B
Port threds A and B G3/8"	1G	1AG	1BG
Scheme			

Port threds G1/4"	4	5	6
Port threds G3/8"		5G	6G
Scheme			

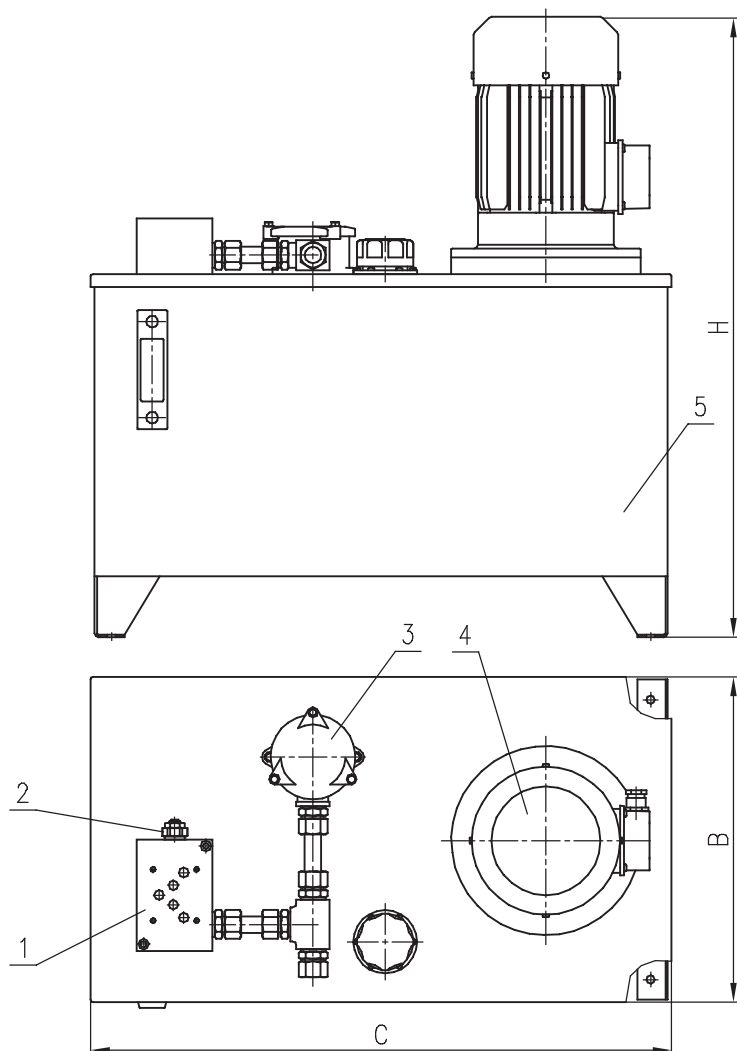
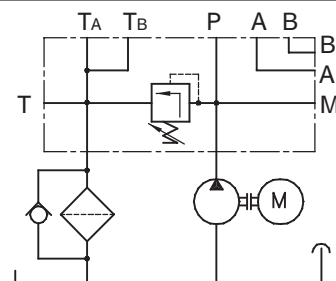


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HYDRAULIC POWER PACK

UN ..



- 1. Hydraulic block.
- 2. Relief valve.
- 3. Filter.
- 4. Motor-pump
- 5. Tank.

PARAMETERS		TYPE			
		UN1	UN2	UN3/1	UN3/2
Nominal flow rate	<i>l/min</i>	16,2	22	28	32
Nominal pressure	<i>bar</i>	130	130	200	
Relief valve pressure adjustment	<i>bar</i>	160	160	220	
Motor power	<i>kW</i>	4	5,5	11	
Voltage	<i>V</i>	220/380			
Tank capacity	<i>l</i>	40	50	100	
Overall sizes BxHxC	<i>mm</i>	330x662x640	380x745x690	430x950x768	

ORDERING CODE

UN 1

Type

Code:1, 2, 3/1 ,3/2