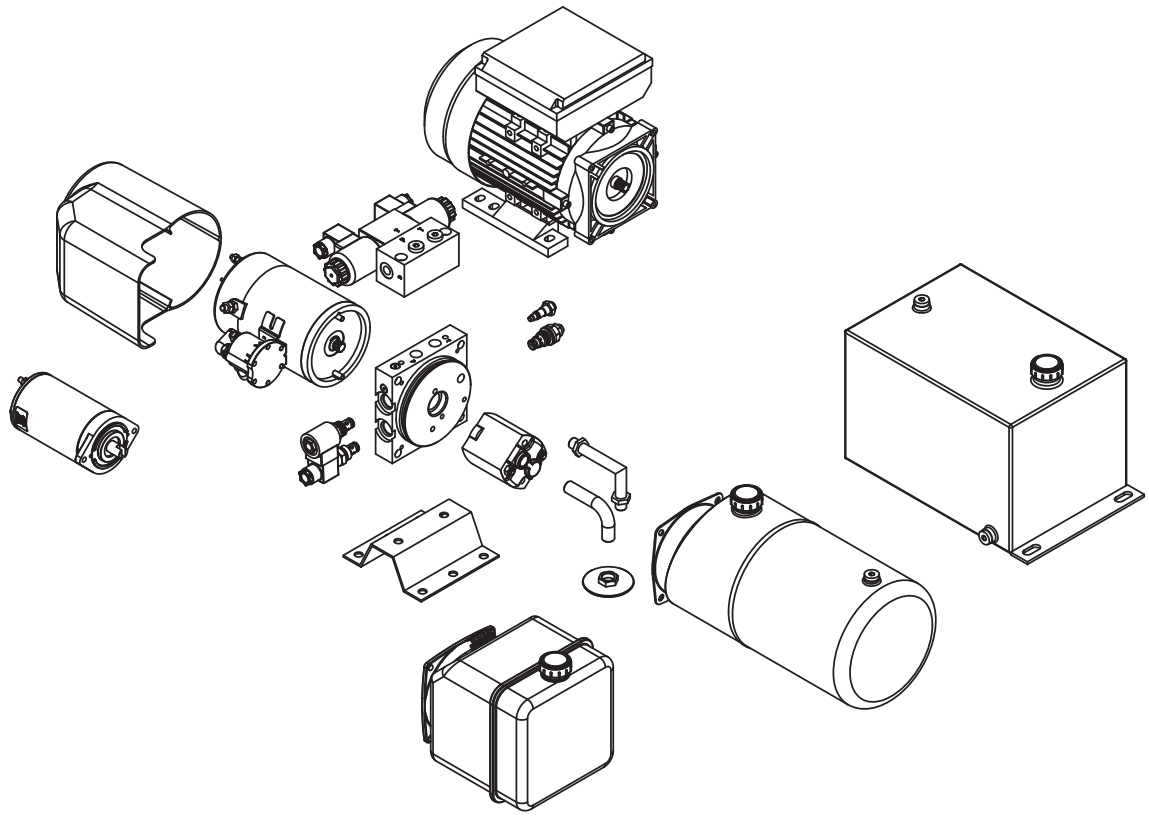
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How to order Hydraulic Power Unit

TGT

Hydraulic Circuit

Code	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118

P26-27

Motor Voltage

Code	D12	D24	A11	A22	A38
Voltage	DC12V	DC24V	AC110V	AC220V	AC380V

Motor Power P17-18

DC Motor		AC Motor	
Code	Power(KW)	Code	Power(KW)
01	0.5	01	0.75
02	0.8	02	1.1
03	1.6	03	1.5
04	2.0	04	2.2
05	2.5	05	3.0
06	3.0		

Solenoid Valve Voltage

Code	12	24	110	220
Voltage	DC12V	DC24V	AC110V	AC220V

Gear Pump—GP-F20

Code	A	B	C	D	E	F	G	H	I	J	K	L	M
Displacement (cc/r)	0.75	1.1	1.3	1.6	2.1	2.6	3.2	3.7	4.2	4.8	5.8	7	8

P21-22

Tank P19-20

Relief Valve Set

0~210bar

Mounting

Mounting	Horizontal	Vertital
Code	H	V

Oil Port

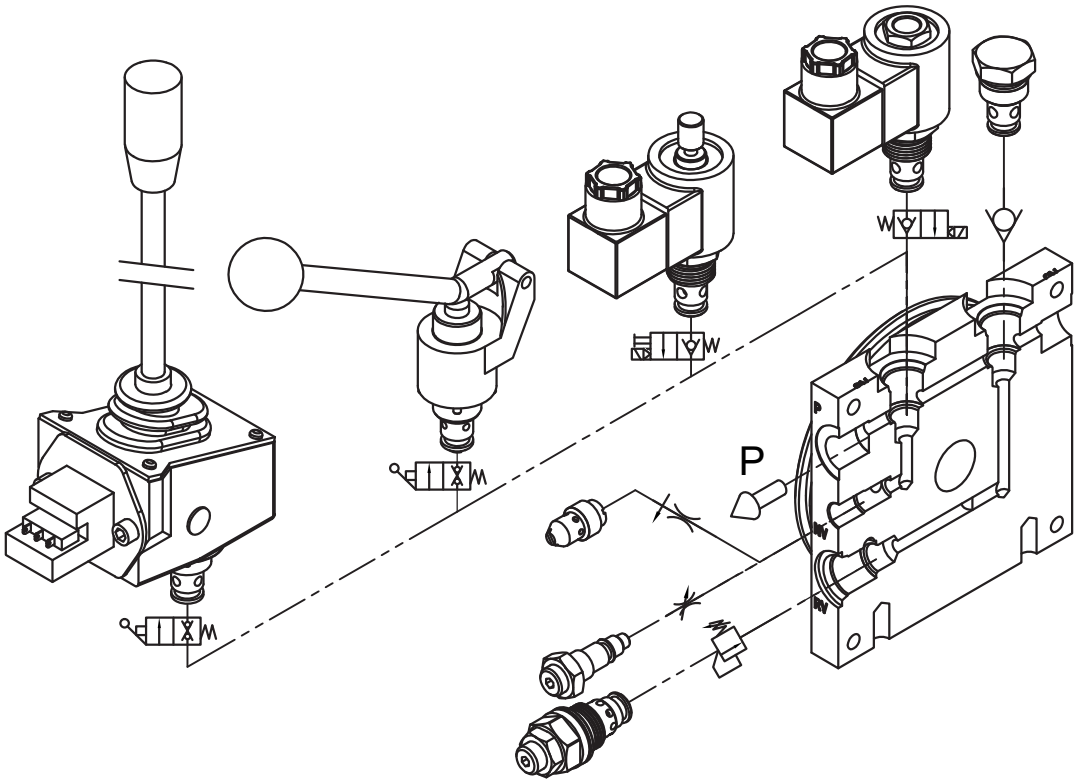
Code	A	B	C	D
Oil port	1/4 BSPP	3/8 BSPP	SAE6#	SAE8#

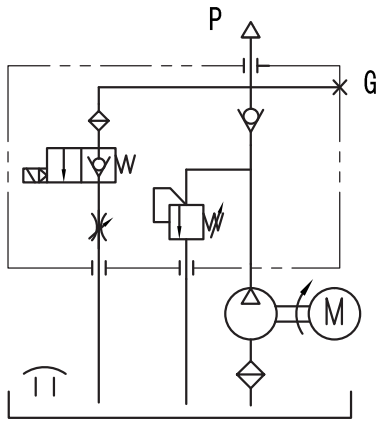
Remote Control Switch

YES	NO

Special Requirement

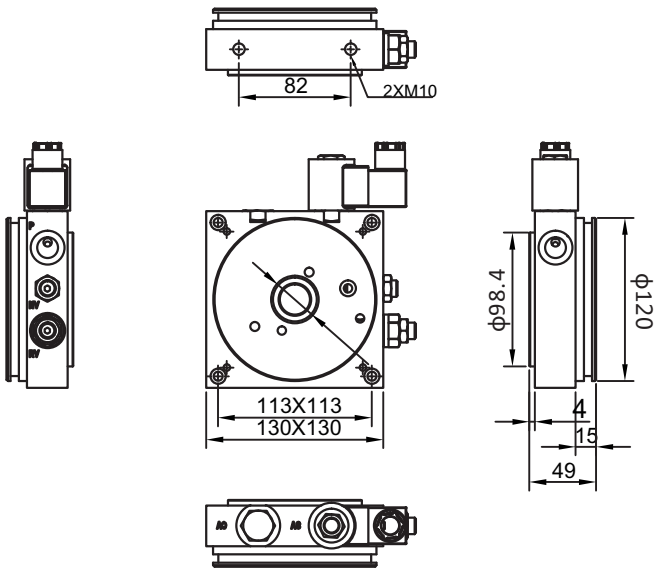
Central Manifold



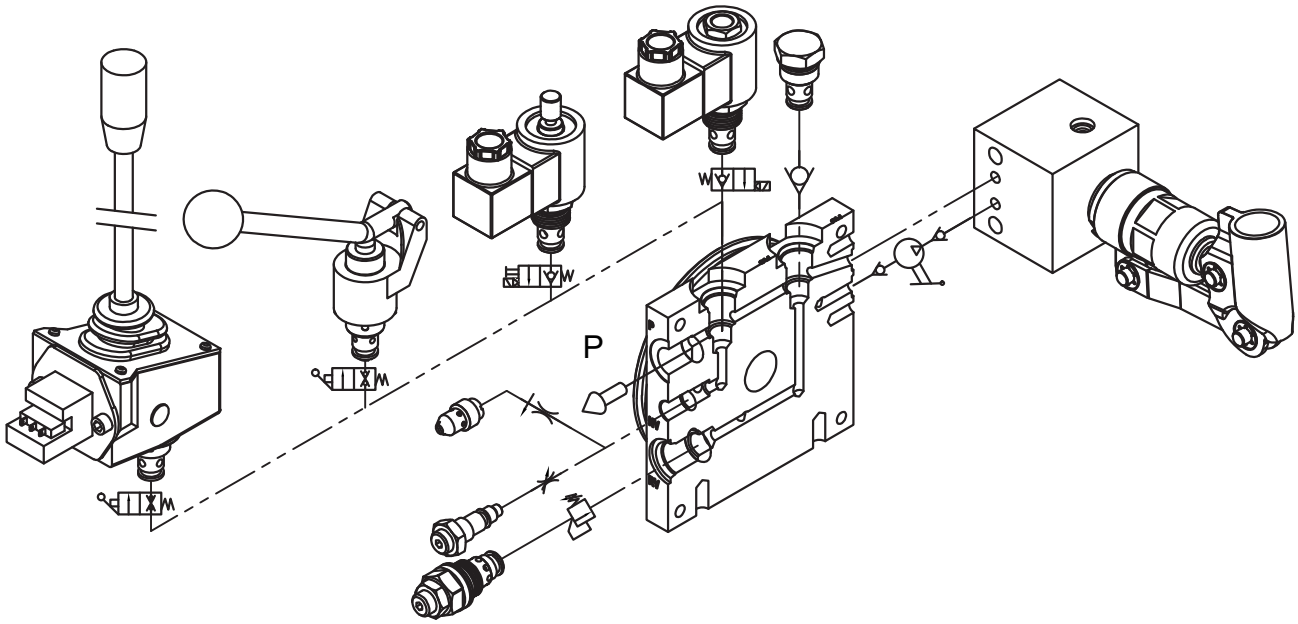


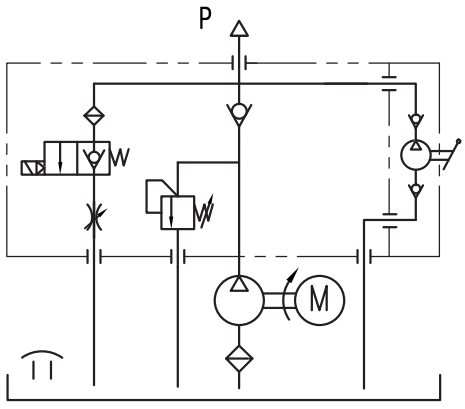
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TGT-S02-001



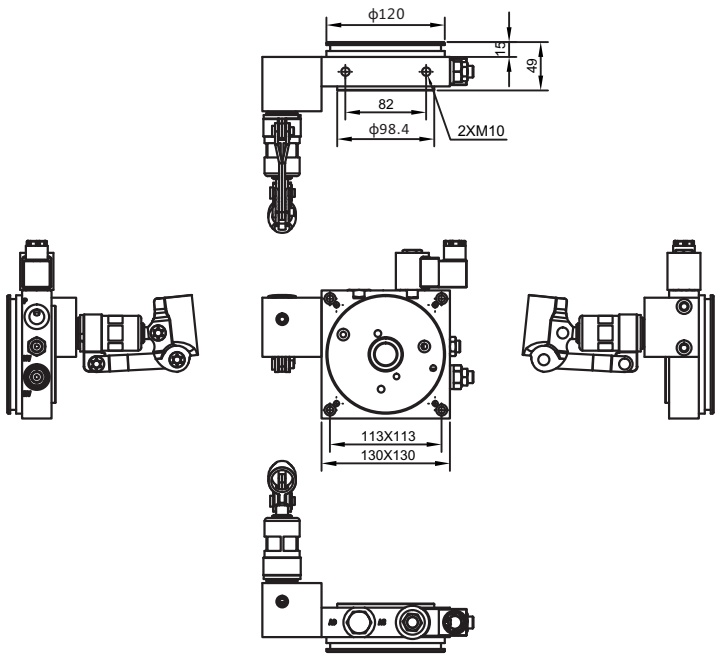
Central Manifold



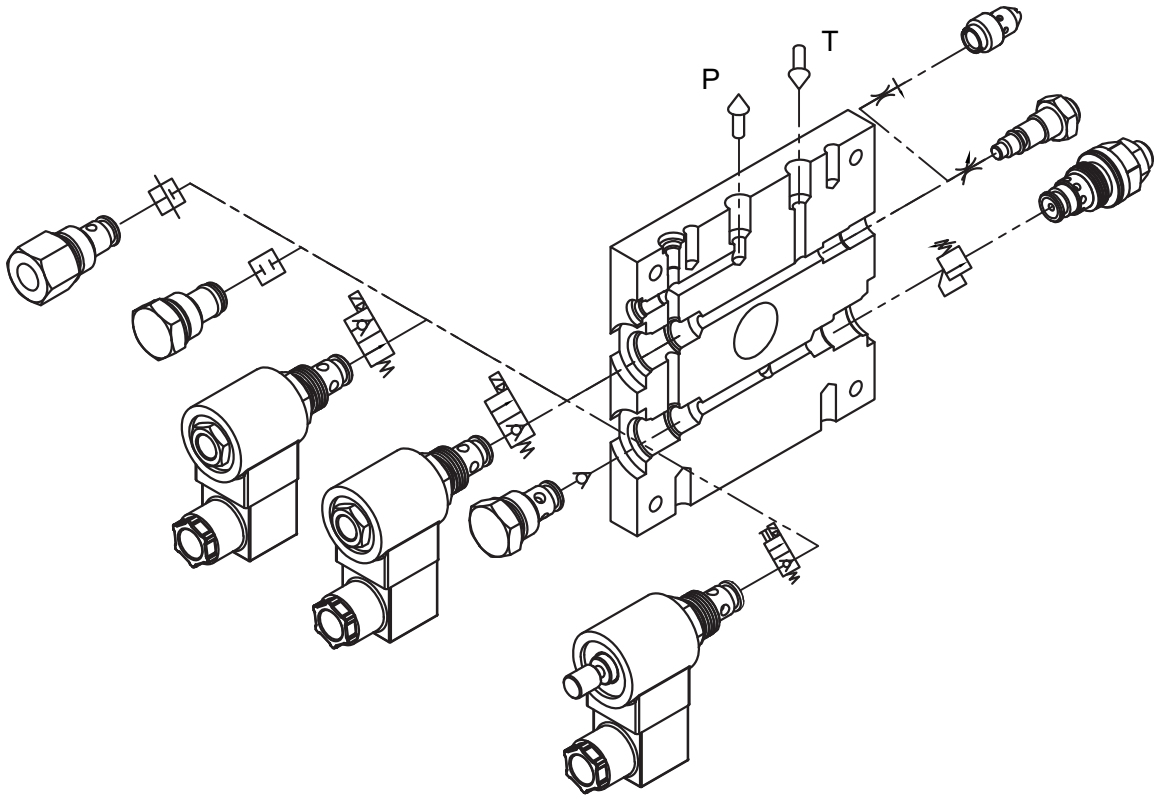


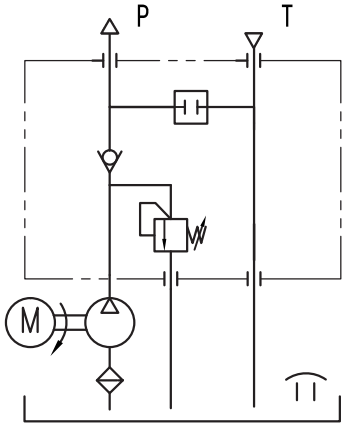
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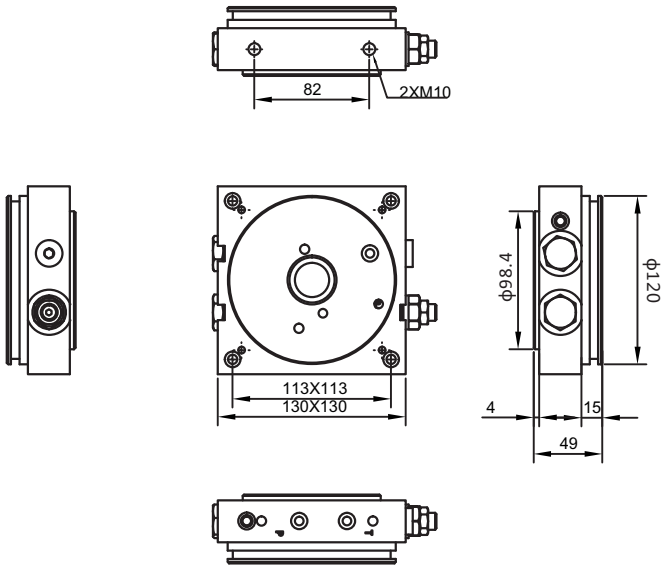
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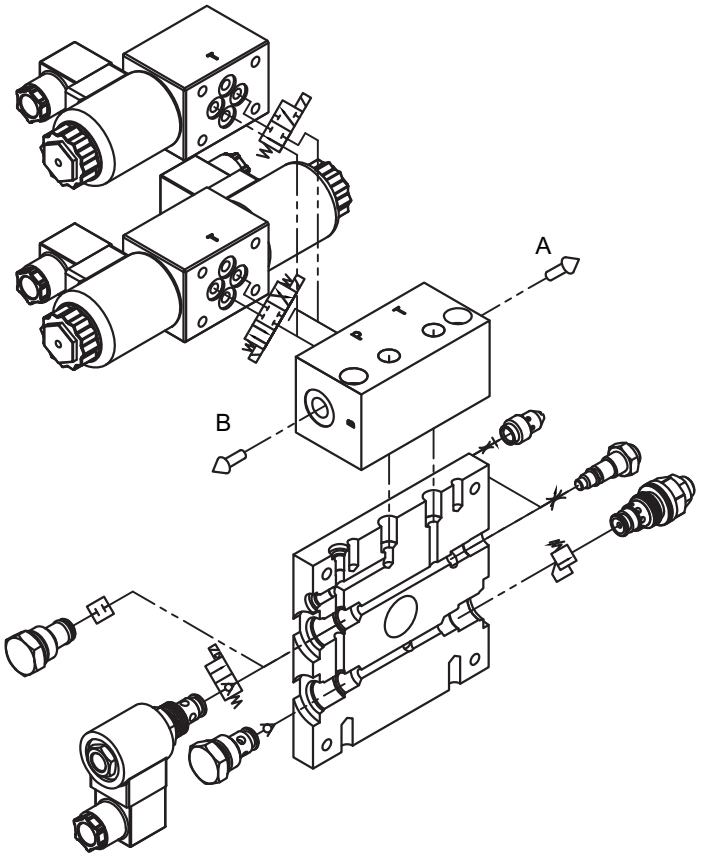


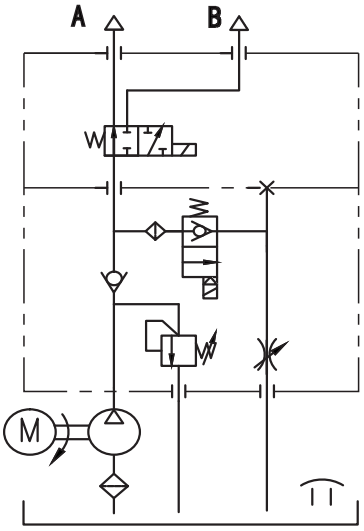


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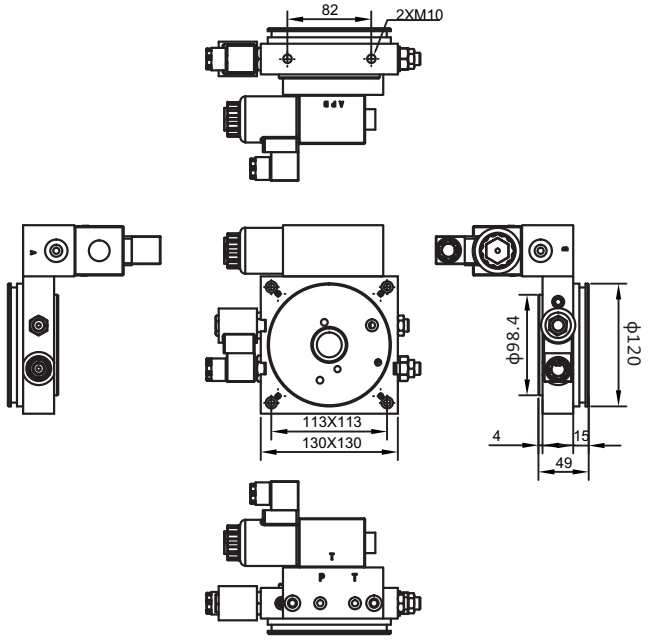




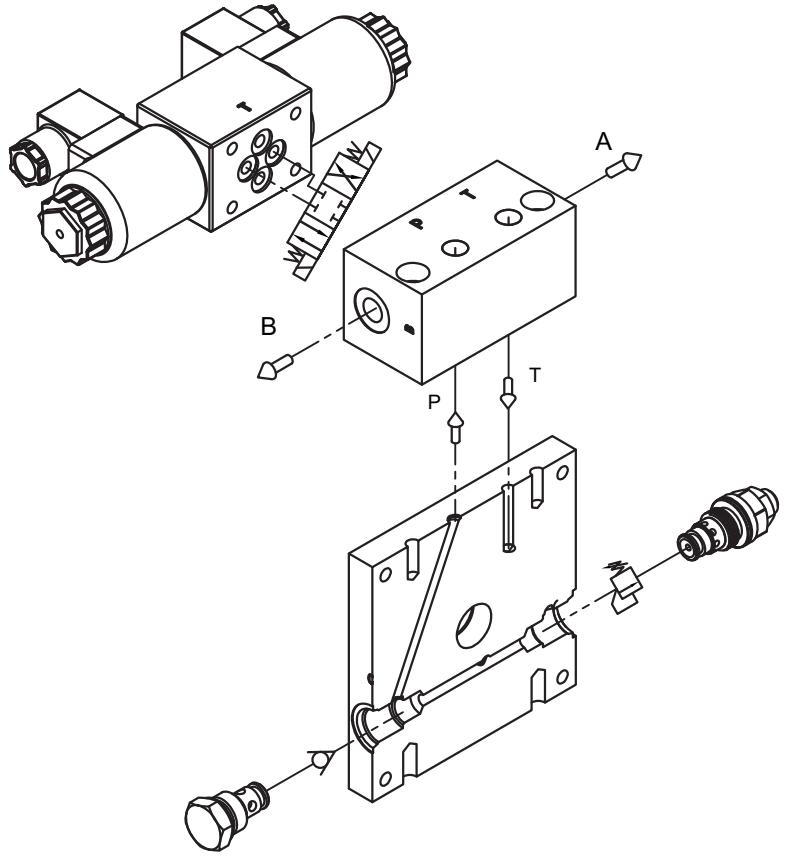


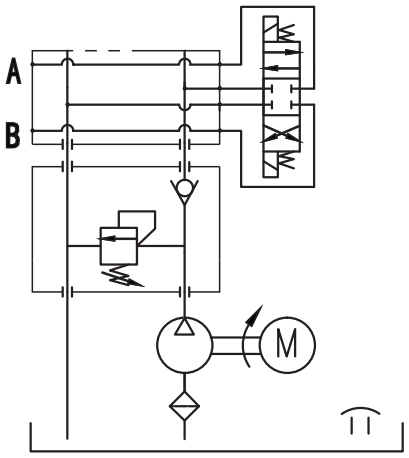
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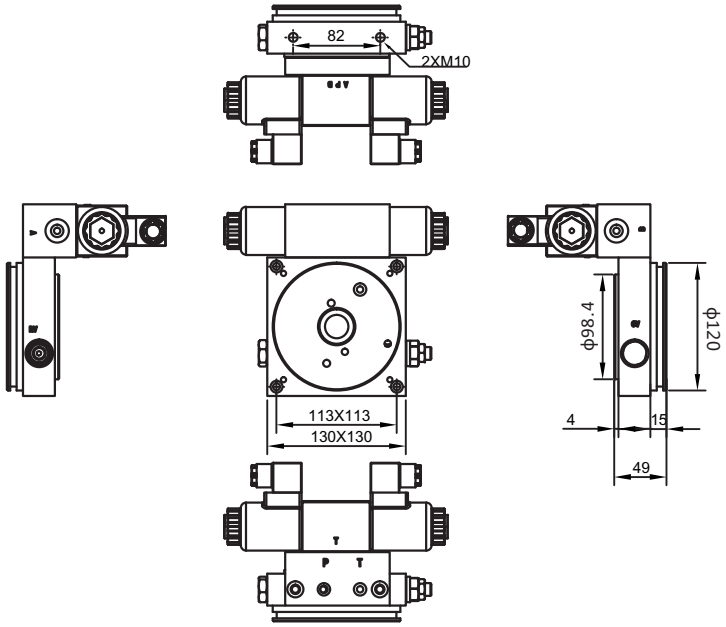
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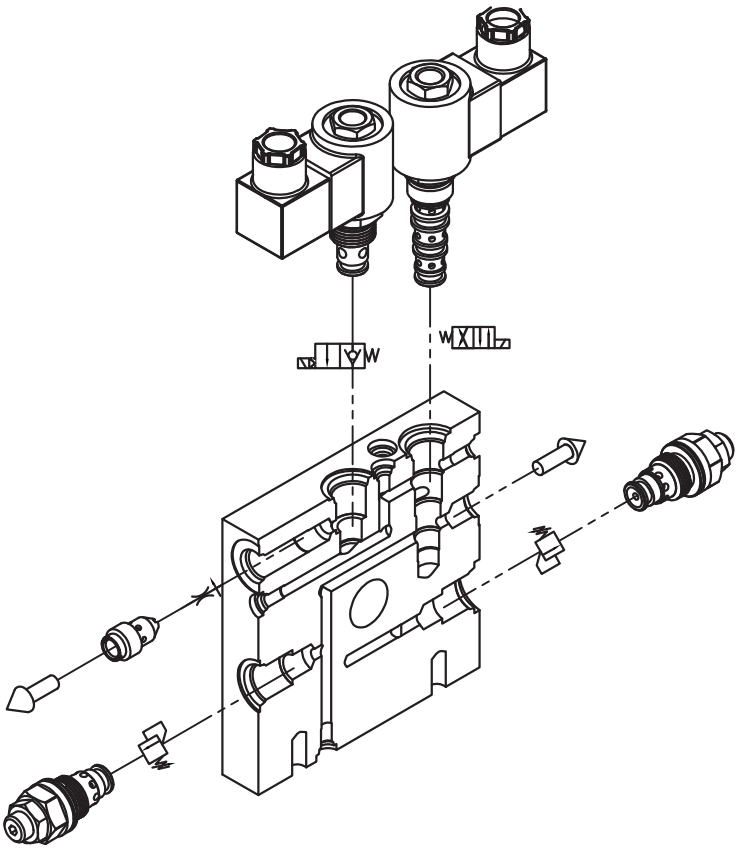


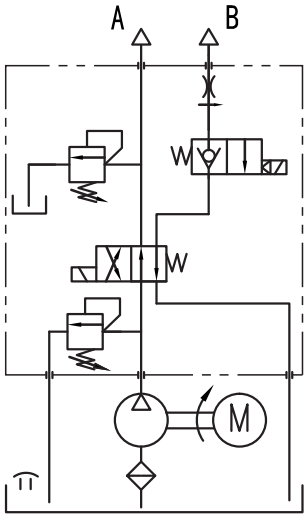


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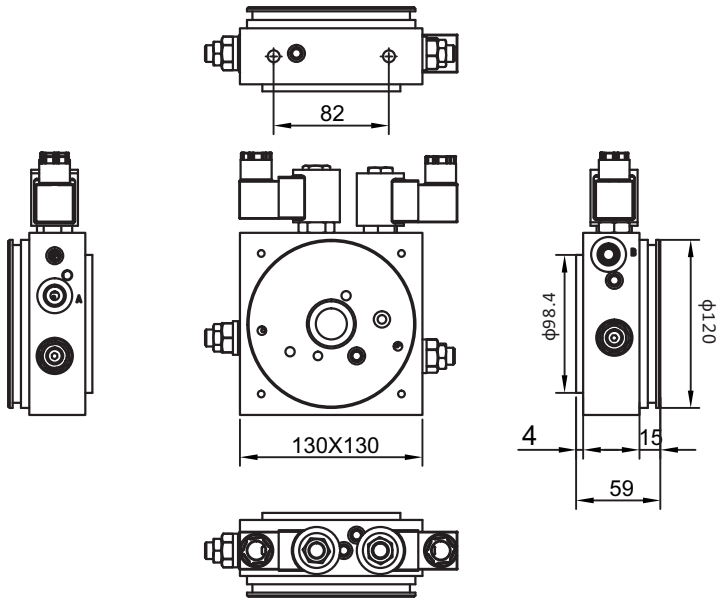


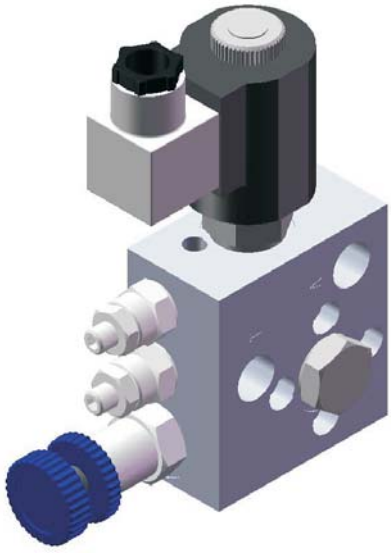




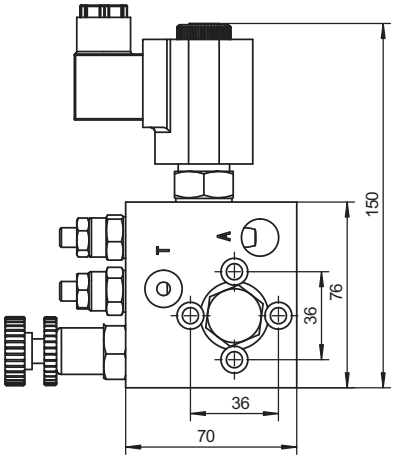
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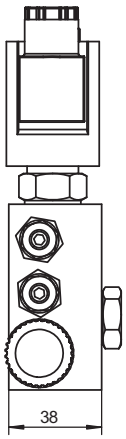
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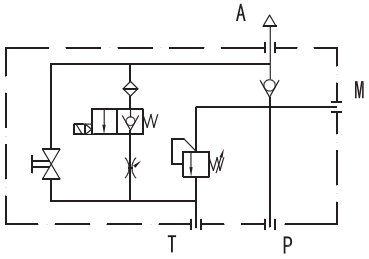




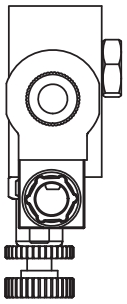
KVS-01

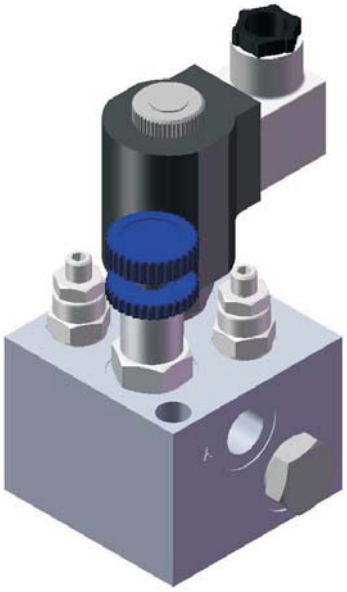




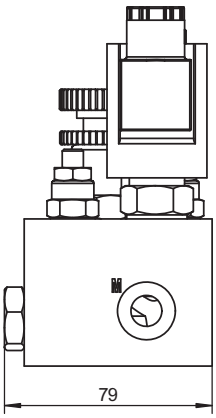


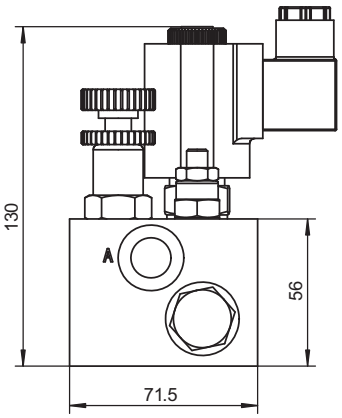
HYDRAULIC CIRCUIT

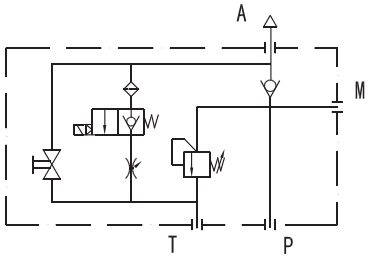




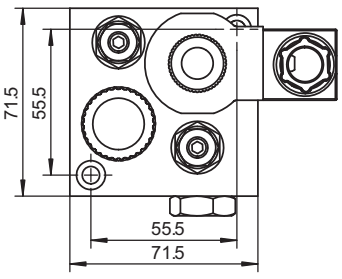
KVS-02





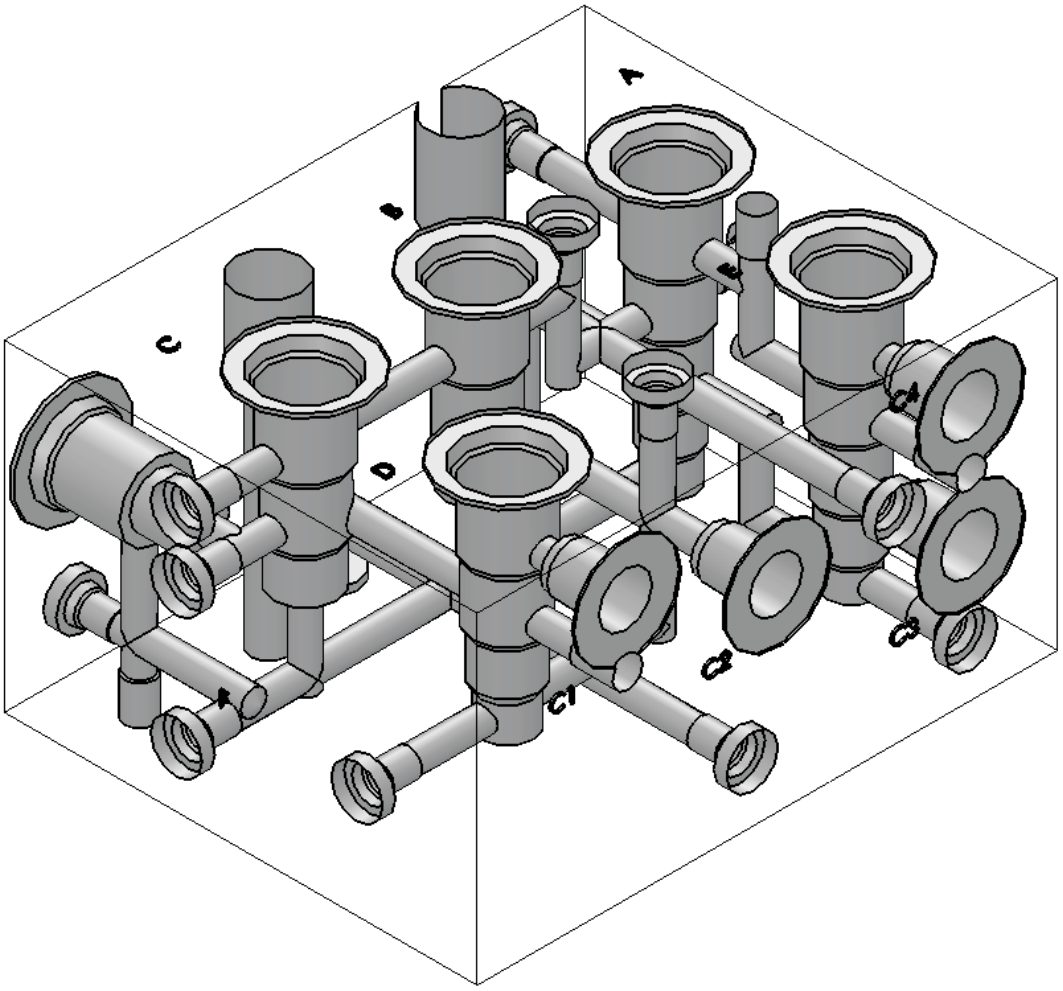


HYDRAULIC CIRCUIT



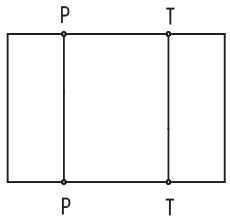
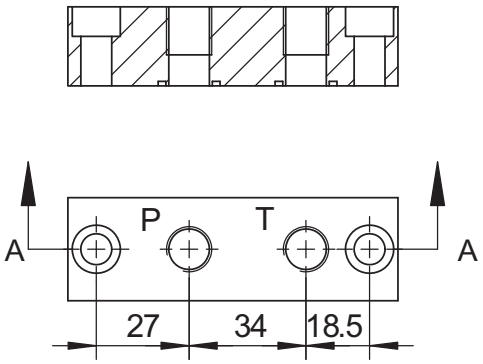
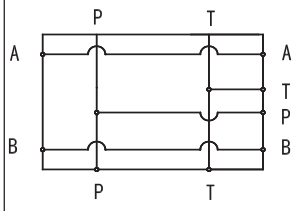
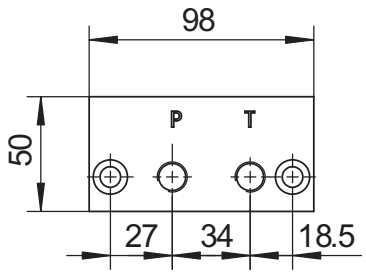
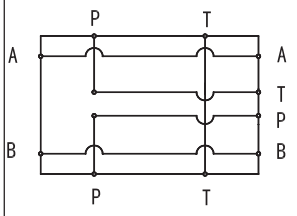
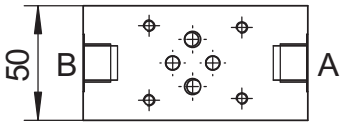
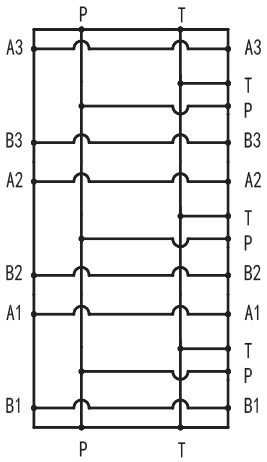
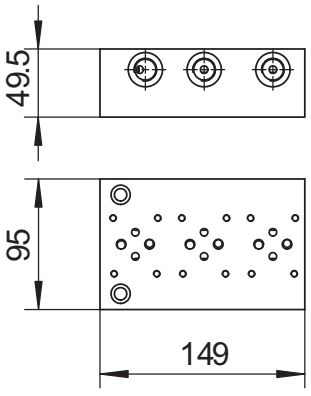
Custom Manifolds

Manifolds can be customized to
meet unique application requirement



Material：Anodized 6061-T6 aluminum
Cavity：Industry Standard Common Cavity

Stacking Manifold Block

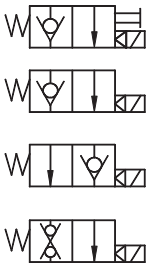
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ACMB-01	Transition Block Port:1/4"BSPP		
MB-01	Perallel Manifold Block		
MB2-01	Manifold Block In Series		 A B Port:3/8"BSPP Other porting is available
MB-03	Perallel Manifold Block		 A1 A2 A3 B1 B2 B3 Port:3/8"BSPP Other porting is available

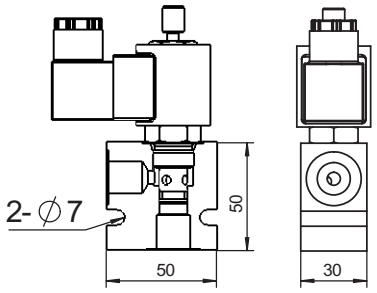
Cartridge Valve

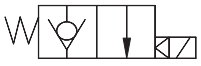
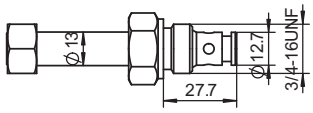
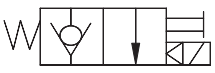
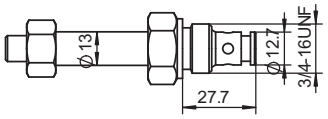
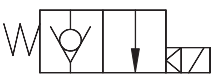
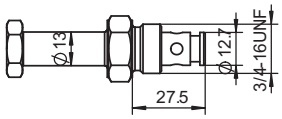
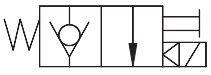
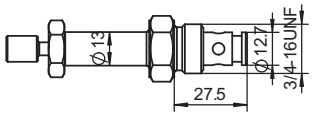
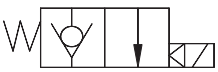
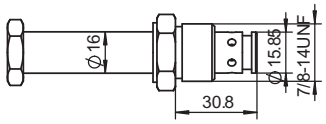
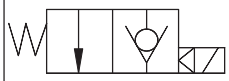
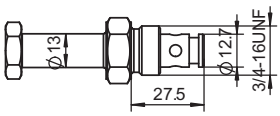
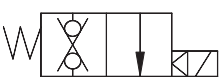
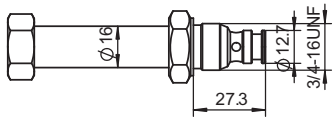
Solenoid Vavle					
Coil Voltage	DC12V	DC24V	DC48V	AC110V	AC220V

Design					
Cavity	08 Size 10 Size	Operating Pressure	207bar	Flow	30L/min 60L/min

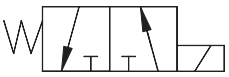
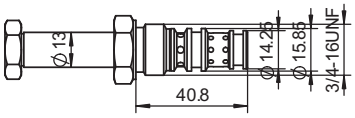
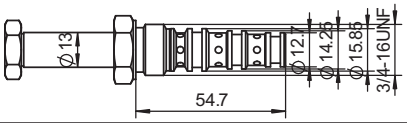
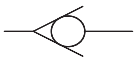
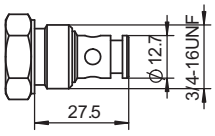
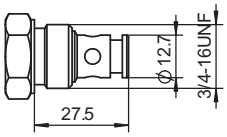
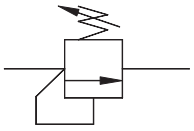
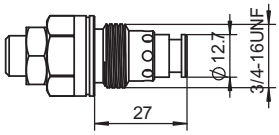
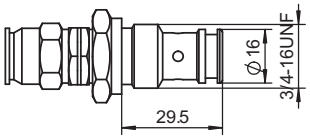
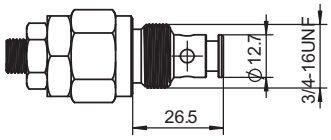
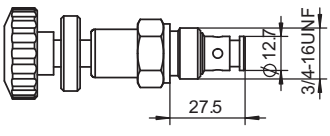
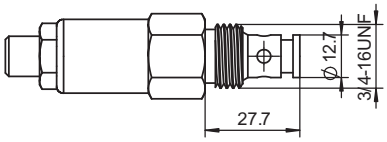
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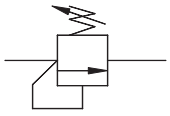
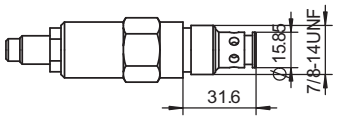
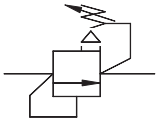
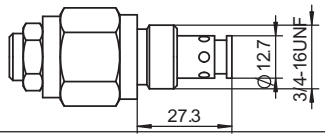
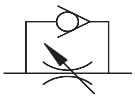
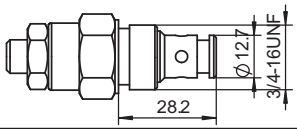
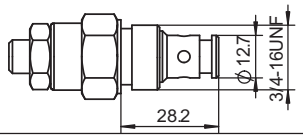
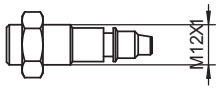
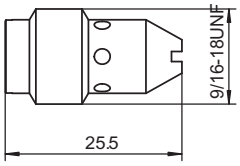
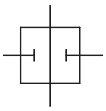
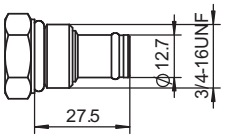
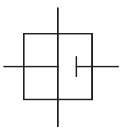
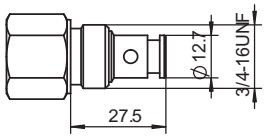


CODE	DECRIPTION	SYMBOL	DIMENSIONS
TSV-08-2NCP	Normally-Closed Two-Way Two-Position Cartridge Solenoid Valve		
TSV-08-2NCP-M			
TSV2-08-2NCP			
TSV2-08-2NCP-M			
TSV-10-2NCP			
TSV-08-2NOP	Normally-Open Two-Way Two-Position Cartridge Solenoid Valve		
TSV-08-2NCSP	Normally-Closed Two-Way Two-Position Bi-Directiongal Cartridge Solenoid Valve		

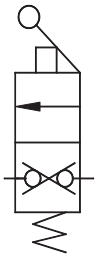
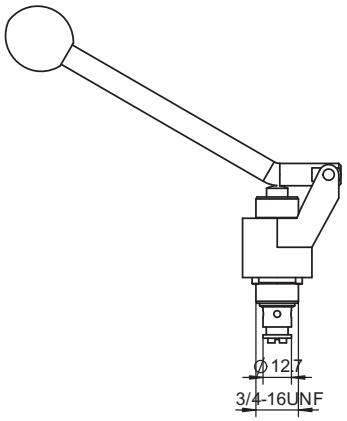
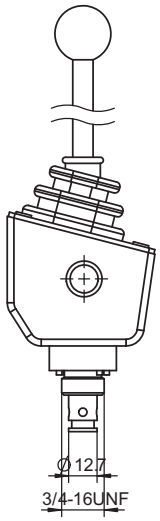
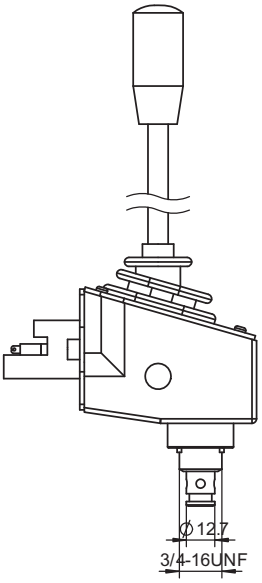
Cartridge Valve

CODE	DESCRIPTION	SYMBOL	DIMENSIONS
TSV-08-3B	Three -Way Two-Position Spool-Type Cartridge Solenoid Valve		
TSV-08-4CO	Four-Way Two-Position Spool-Type Cartridge Solenoid Valve		
TCV-08	Direct-Acting Poppet-Type Cartridge Check Valve		
TCV2-08	Direct-Acting Ball-Type Cartridge Check Valve		
TRV-08	Adjustable Direct-Acting Cartidge Relief Valve		
TRV-SAE8			
TRV2-08			
TRV3-08			
TADRV2-08			

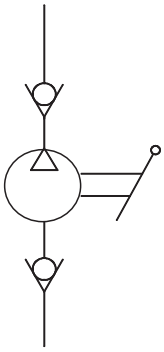
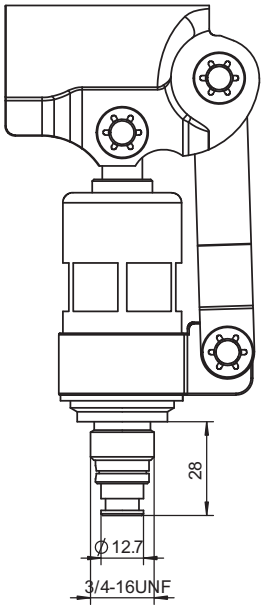
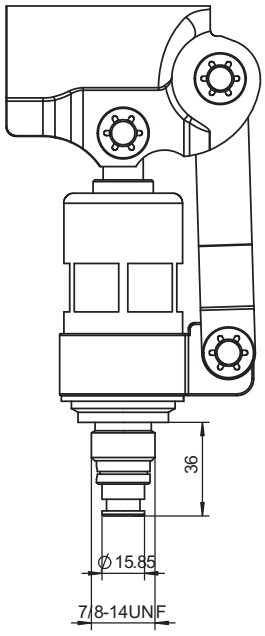
Cartridge Valve

CODE	DESCRIPTION	SYMBOL	DIMENSIONS
TADRV2-10	Adjustable Direct Acting Cartidge Relief Valve		
TPSRV-08	Adjustable Pilot-Operated Cartidge Relief Valve		
TFC-08	Adustable Cartridge One-Way Flow Control Valve		
TNV-08	Flow Control Valve		
TV-M12X1			
IFC - 6T	Regulator Pressure -Compensated Flow Control Valve in-line 1L/min 2L/min 3L/min 4L/min 5L/min 6L/min 7L/min 8L/min 9L/min 10L/min		
TCV-08G	Oil Plug		
TCV-08H	Oil Plug		

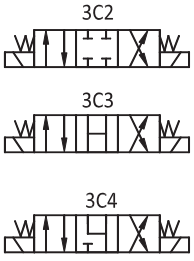
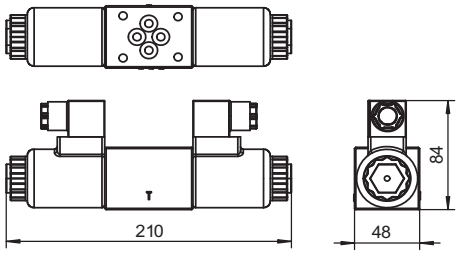
Cartridge Valve

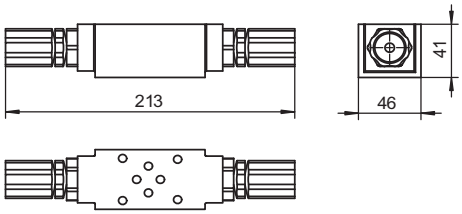
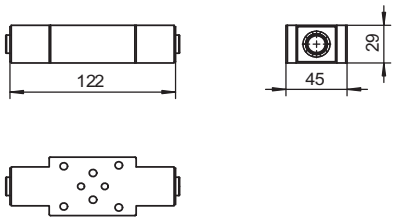
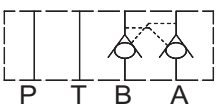
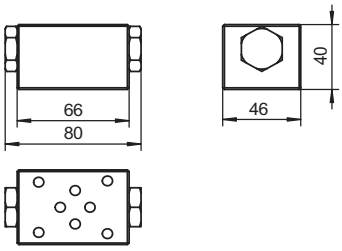
CODE	DESCRIPTION	SYMBOL	DIMENSIONS
TMRV-08	Manua Unloading Valve With Microswitch		
TMRV2-08			
TMRV3-08			

Cartridge Hand Pump

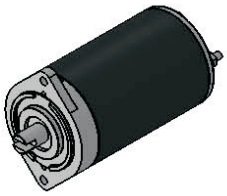
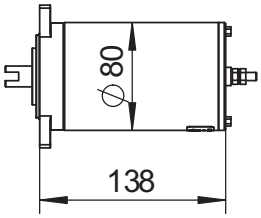
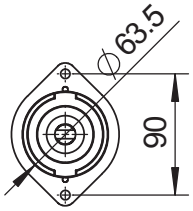
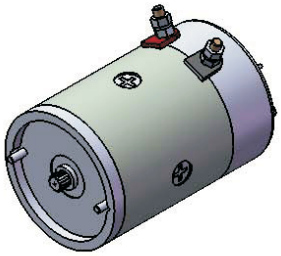
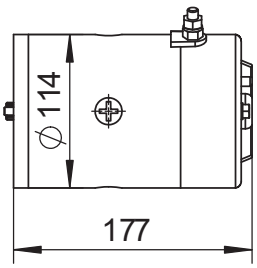
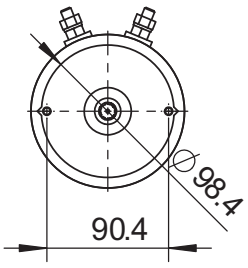
CODE	DESCRIPTION	SYMBOL	DIMENSIONS
THP-08	Hand Pump 7cc/stroke		
THP-10	Hand Pump 9cc/stroke		

Stacked Valve

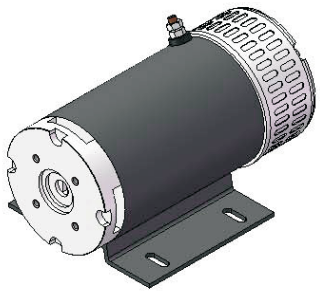
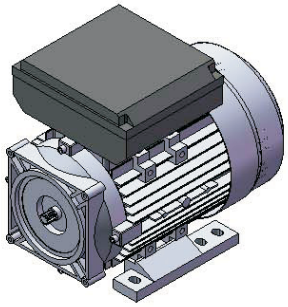
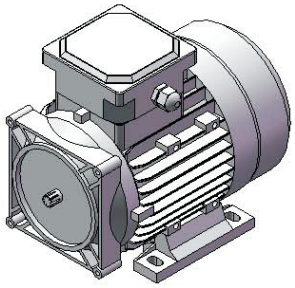
Solenoid Vavle					
Coil Voltage	DC12V	DC24V	DC48V	AC110V	AC220V
Design					
CODE	DSG-02-*	Operating Pressure	315bar	Flow	60L/min
SYMBOL			DIMENSIONS: 		

CODE	DECRIPTION	SYMBOL	DIMENSIONS
MTC-02W	Stacked Unidirectional Throttle Valve		
Z2FS6			
Z2S6	Modular Pilot Operated Check Valve		

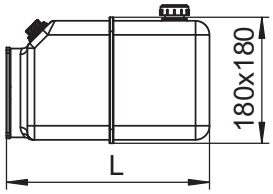
Motor

DIMENSIONS	DESCRIPTION
 POWER / CODE 0.5KW / DM01 0.8KW / DM02  	VOLTAGE：DC12V/DC24V POWER:0.5KW, 0.8KW SPEED:3000rpm MOTOR ROTATION: CW DUTY:S3 INGRESS PROTECTION:IP54
 POWER / CODE 1.6KW / DM03 2.0KW / DM04 2.5KW / DM05  	VOLTAGE:DC12V/DC24V POWER:1.6KW,2.0KW,2.5KW SPEED:3000rpm MOTOR ROTATION: CW DUTY:S3 INGRESS PROTECTION:IP54

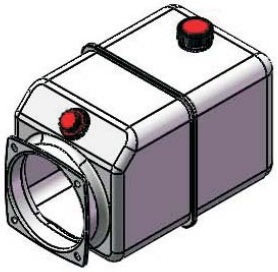
Motor

DIMENSIONS	DESCRIPTION
<table><tr><th>POWER</th><th>CODE</th></tr><tr><td>3.0KW</td><td>DM06</td></tr></table>	VOLTAGE:DC24V POWER:3.0KW SPEED:3000rpm MOTOR ROTATION: CW DUTY:S3 INGRESS PROTECTION:IP54
<table><tr><th>POWER</th><th>CODE</th></tr><tr><td>0.75KW</td><td>AM01</td></tr><tr><td>1.1KW</td><td>AM02</td></tr><tr><td>1.5KW</td><td>AM03</td></tr><tr><td>2.2KW</td><td>AM04</td></tr><tr><td>3.0KW</td><td>AM05</td></tr></table>	VOLTAGE：AC220V/AC230V POWER:0.75KW,1.1KW,1.5KW, 2.2KW,3.0KW POLE NO.: 2 , 4 FREQUENCY:50HZ,60HZ DUTY:S1 S6 INGRESS PROTECTION: IP44,IP54 INSULATION CLASS:B
<table><tr><th>POWER</th><th>CODE</th></tr><tr><td>0.75KW</td><td>AM01</td></tr><tr><td>1.1KW</td><td>AM02</td></tr><tr><td>1.5KW</td><td>AM03</td></tr><tr><td>2.2KW</td><td>AM04</td></tr><tr><td>3.0KW</td><td>AM05</td></tr></table>	VOLTAGE：AC380V/AC415V/440V POWER:0.75KW,1.1KW,1.5KW, 2.2KW,3.0KW POLE NO.: 2 , 4 FREQUENCY:50HZ,60HZ DUTY:S1 S6 INGRESS PROTECTION: IP44,IP54 INSULATION CLASS:B

Tank

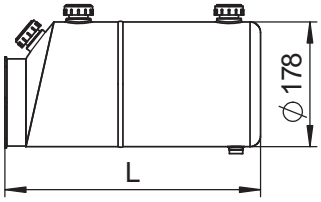






Plastic Oil Tank

CODE	VOLUME(L)	LENGTH(mm)	DESCRIPTION
PT-120-4	4	200	1.Surface color: White 2."H"Type:Horizontal "V"Type:Vertical 3.123mm Neck Size Available
PT-120-7	7	290	
PT-120-8	8	335	
PT-120-11	11	440	
PT-120-13	13	550	
PT-120-18	18	700	
PT-120-24	24	1050	





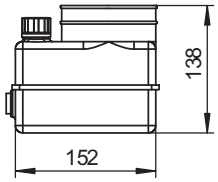


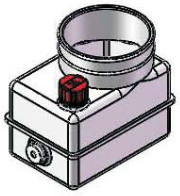
Steel Oil Tank

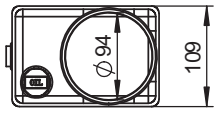
CODE	VOLUME(L)	LENGTH(mm)	DESCRIPTION
ST-120-4-*	4	225	1.Two Surface color Optional: Red and Black 2."H"Type:Horizontal "V"Type:Vertical 3.123mm Neck Size Available
ST-120-5-*	5	265	
ST-120-6-*	6	290	
ST-120-8-*	8	365	
ST-120-10-*	10	435	
ST-120-12-*	12	545	

Tank

Code	PT-94-1
Volume	1L

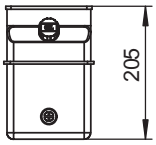




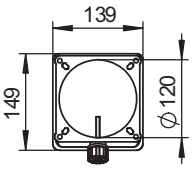


1.Plastic Oil Tark
2.Surface Color:White
3."H"Type:Horizontal
"V"Type:Vertical

Code	PT-120-2.5
Volume	2.5L





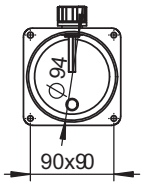


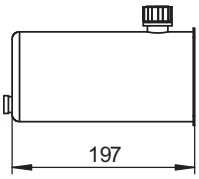
1.Plastic Oil Tark
2.Surface Color:White
3."H"Type:Horizontal
"V"Type:Vertical

Code	ST-94-1.2H
Volume	1.2L

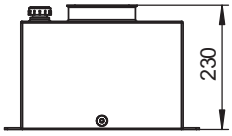
1.Steel Oil Tark
2.Surface Color Optional:
Red and Black
3."H"Type:Horizontal

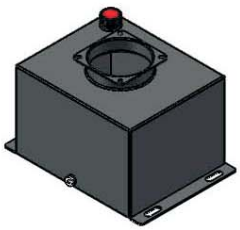


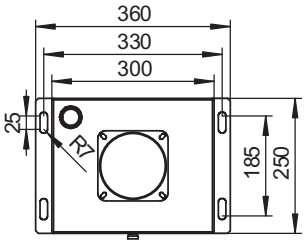




Code	SST-120-10V
Volume	10L



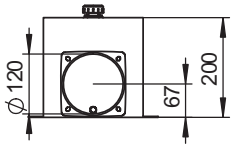


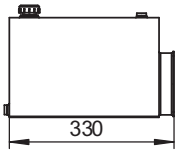


1.Square Steel Tark
2.Surface Color Optional:
Red and Black
3. "V"Type:Vertical
4.123mm Neck Size Available

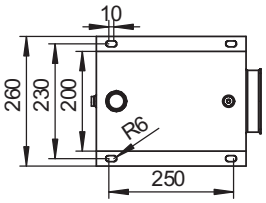
Code	SST-120-12H
Volume	12L





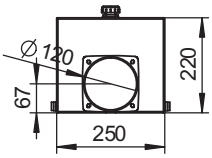


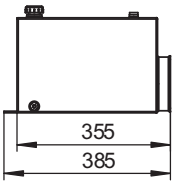
1.Steel Oil Tark
2.Surface Color Optional:
Red and Black
3."H"Type:Horizontal
4.123mm Neck Size Available



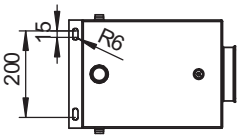
Code	SST-120-15H
Volume	15L



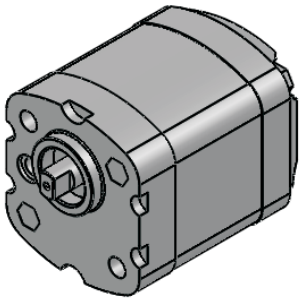




1.Steel Oil Tark
2.Surface Color Optional:
Red and Black
3."H"Type:Horizontal
4.123mm Neck Size Available



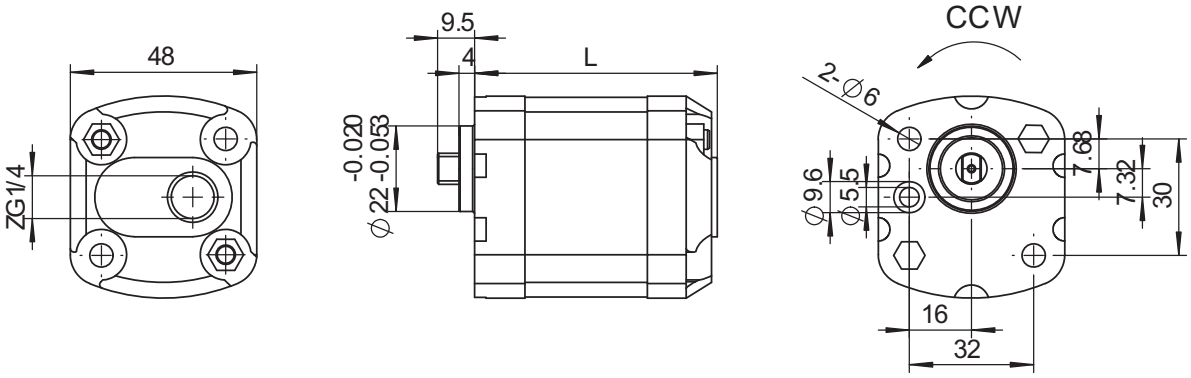
Gear Pump



To mount the pump,n.2M5 screws,with a torque wrench setting fixed 5.4±0.5NM

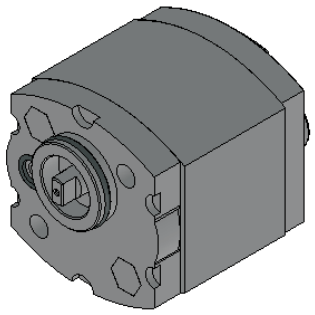
INLET

OUTLET



TYPE	DISPLACEMENT (cc/r)	MAX PRESSURE (bar)			MAX.SPEED (r/min)	MIN.SPEED r(/min)	LENGTH (mm)
		P1	P2	P3			
GP-F100.19	0.19	200	230	250	7000	1000	60
GP-F100.26	0.26	200	230	250	7000	1000	60.5
GP-F100.38	0.38	200	230	250	7000	1000	61.5
GP-F100.50	0.50	200	230	250	7000	1000	62.5
GP-F100.65	0.65	200	230	250	7000	1000	63.5
GP-F100.75	0.75	200	230	250	7000	1000	64.5
GP-F100.88	0.88	200	230	250	7000	1000	65.5
GP-F101.00	1.00	200	230	250	6000	850	66.5
GP-F101.25	1.25	200	230	250	5000	700	68.5
GP-F101.50	1.50	200	230	250	4000	600	70.5
GP-F101.75	1.75	180	210	230	4000	600	72.5
GP-F102.00	2.00	160	190	210	3000	500	74.5

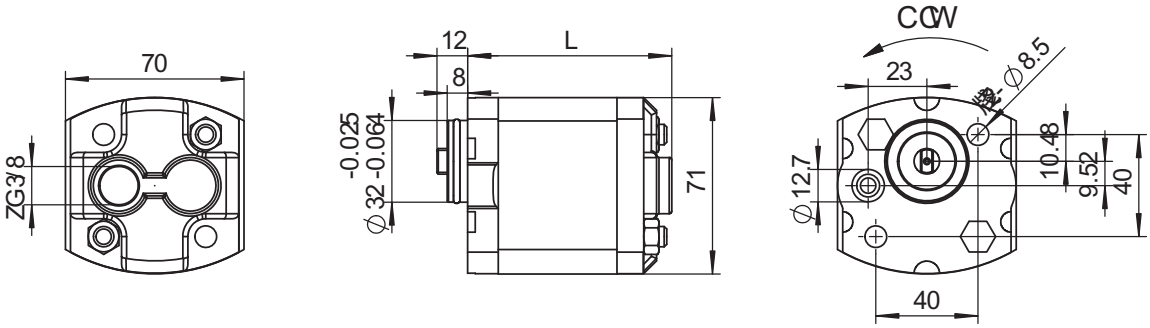
Gear Pump



To mount the pump,n.2M8 screws,with a torque wrench setting fixed 27±3NM

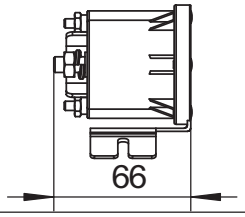
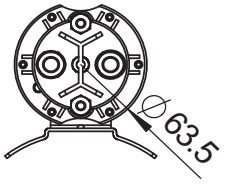
INLET

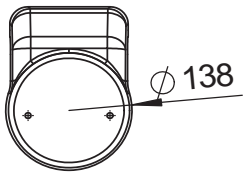
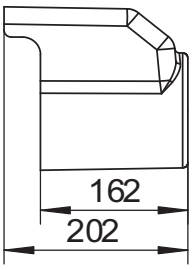
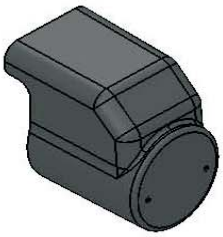
OUTLET



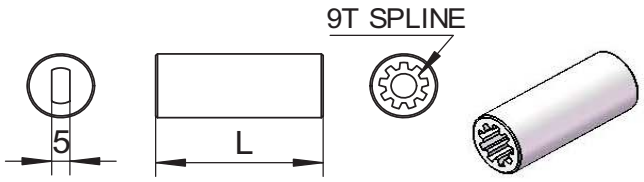
TYPE	DISPLACEMENT (cc/r)	MAX PRESSURE (bar)			MAX.SPEED (r/min)	MIN.SPEED r(/min)	LENGTH (mm)
		P1	P2	P3			
GP-F200.75	0.75	230	250	270	6000	1000	73.5
GP-F201.1	1.1	230	250	270	6000	1000	75.5
GP-F201.3	1.3	230	250	270	6000	1000	76.5
GP-F201.6	1.6	230	250	270	6000	1000	77.5
GP-F202.1	2.1	230	250	270	6000	1000	80
GP-F202.6	2.6	230	250	270	6000	800	82
GP-F203.2	3.2	210	230	250	5000	800	85
GP-F203.7	3.7	210	230	250	4500	800	87.5
GP-F204.2	4.2	210	230	250	4000	800	90
GP-F204.8	4.8	190	210	230	3500	600	92.5
GP-F205.8	5.8	190	210	230	3000	600	97
GP-F207.0	7.0	160	180	200	2500	500	105
GP-F208.0	8.0	160	180	200	2100	500	109.5

Accessories

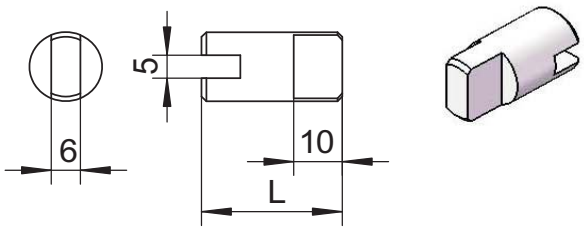
DCMotor-Start Switch			
CODE	VOLTAGE	WORKING CURRENT	DIMENSIONS
DC1261	DC12V	150A	
DC2461	DC24V	150A	 

DCMotor—Protection Cover		
CODE	  	
MC002		

Coupling		
CODE	C46	C57
LENGTH	46mm	57mm



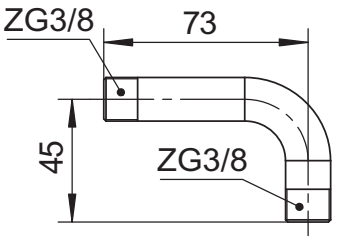
Custom Coupling		
CODE	CC29	CC33
LENGTH	29mm	33mm
Other coupling is available		



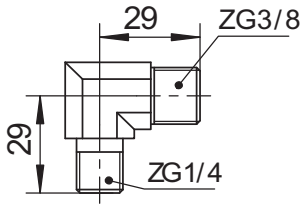
Accessories

Suction Pipe

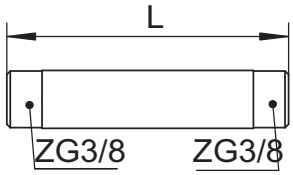
CODE	ZG38-90
NOTE	Steel



CODE	ZG38-14-90
NOTE	Steel



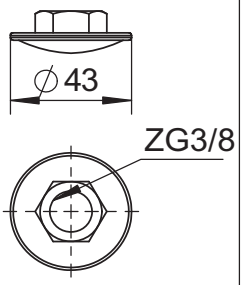
CODE	LENGTH
PSP-100	100mm
PSP-145	145mm
PSP-200	200mm
PSP-240	240mm



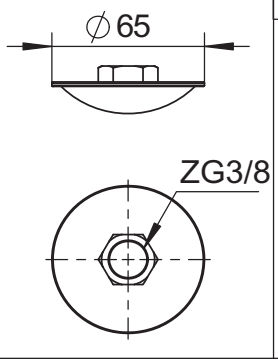
1.Plastic Suction Pipe
2.Other length is available

Filter

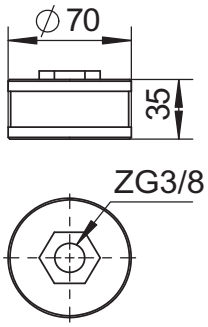
CODE
F43



CODE
F65

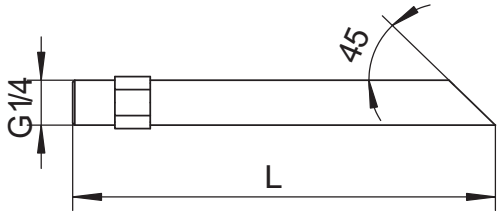


CODE
F70



Return Pipe

CODE	LENGTH
RP-G14-120	120mm
RP-G14-180	180mm
RP-G14-280	280mm
RP-G14-320	320mm

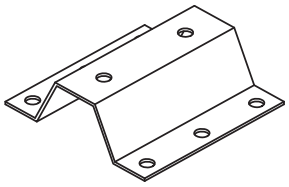


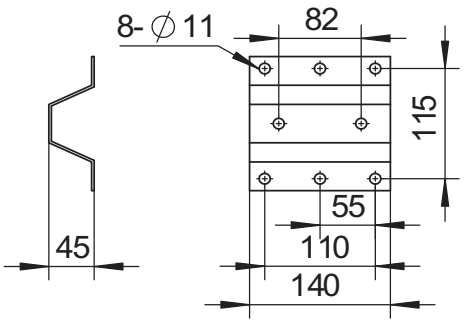
1.Plastic Return Pipe
2.Other length is available

Accessories

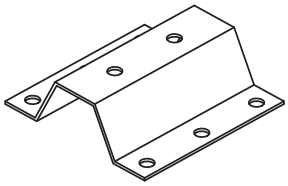
Mounting Bracket

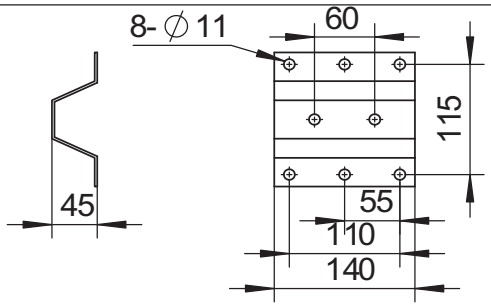
CODE
TGT-M82





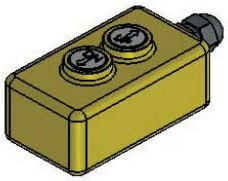
CODE
TGT-M60



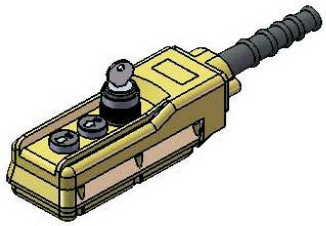


Button Remote Pendant

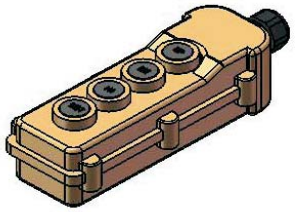
CODE
BRP02



CODE
LBRP03



CODE
BRP04

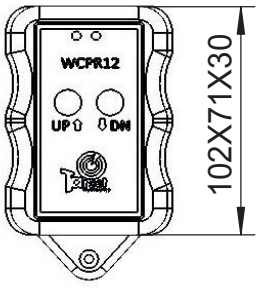


Wirless Remote Control Pendant

CODE
WRCP12

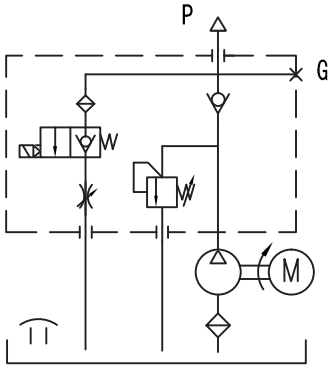




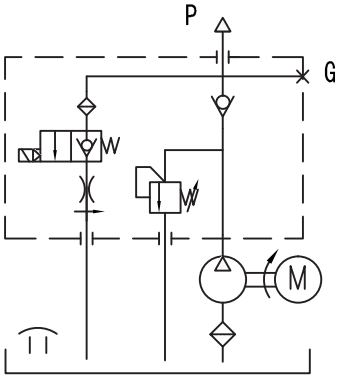


Control Power Unit
100 Meters Away

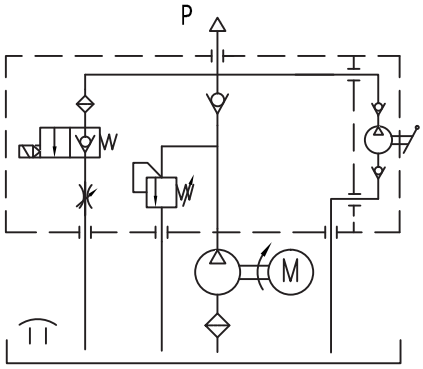
Hydraulic Circuit



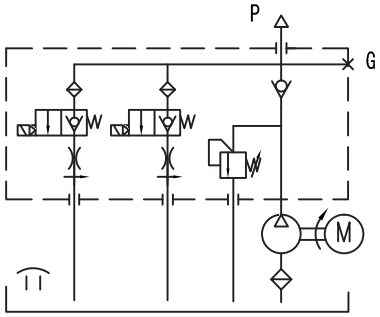
101



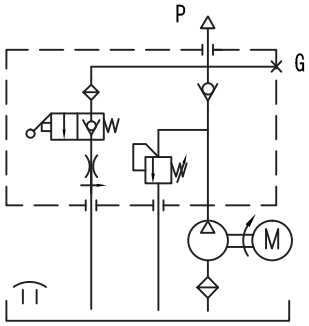
102



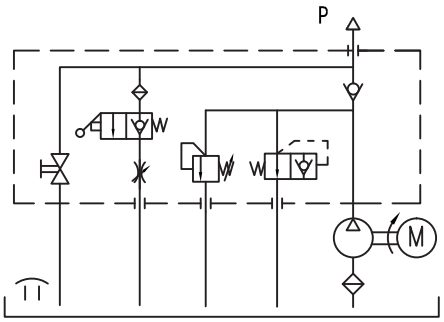
103



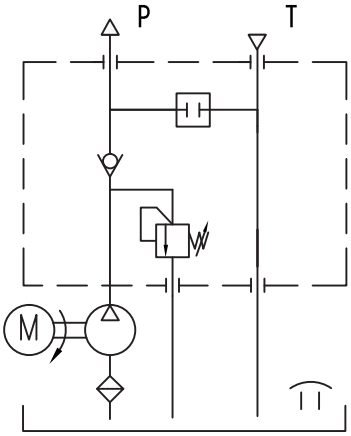
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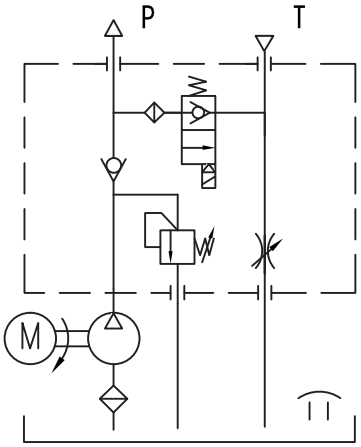
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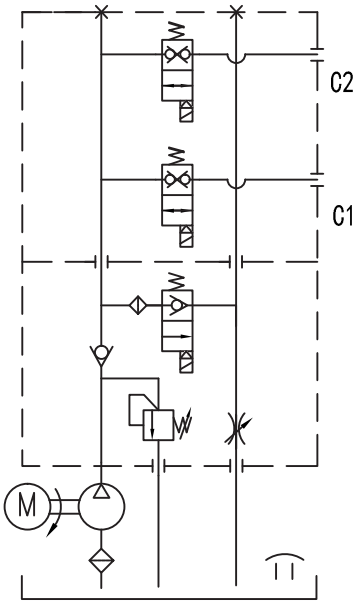
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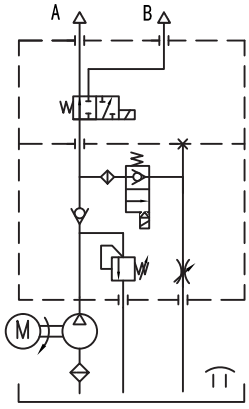


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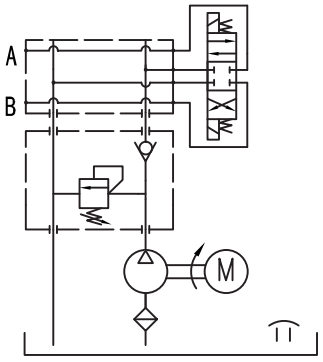


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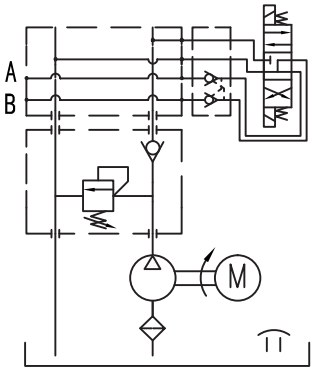
Hydraulic Circuit



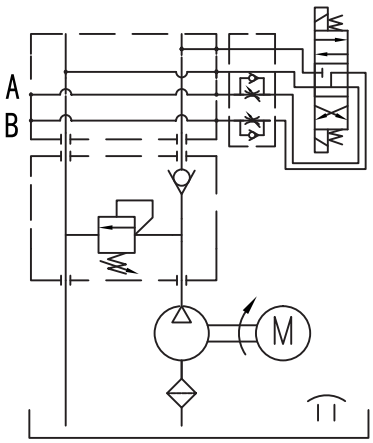
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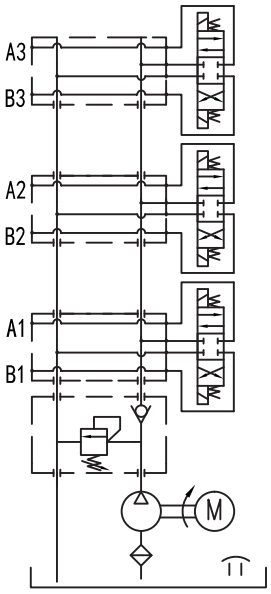
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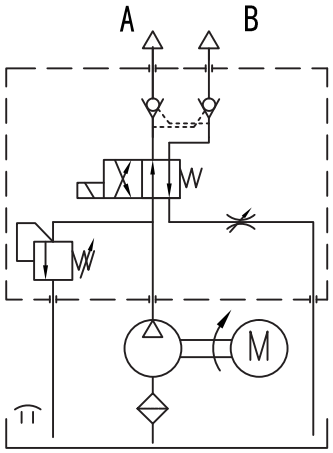
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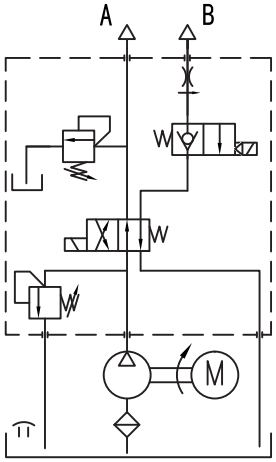
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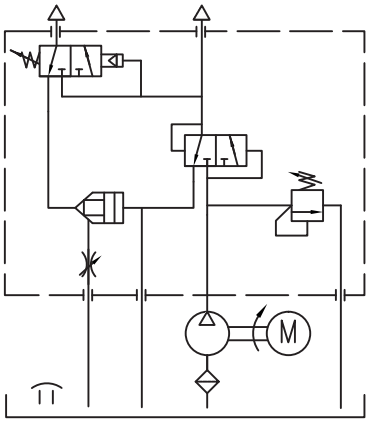
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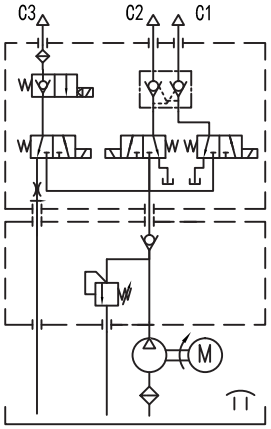
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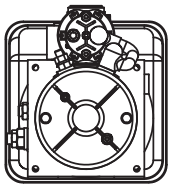


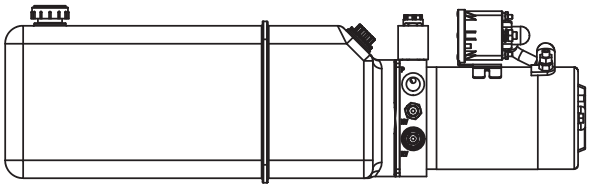
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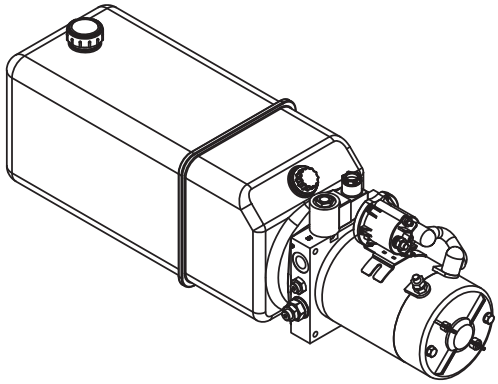


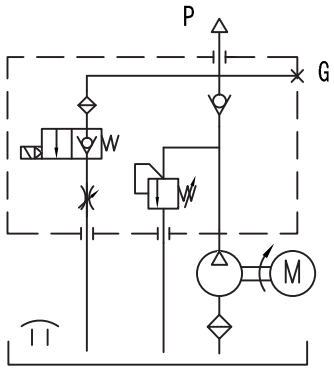
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Hydraulic Power Unit

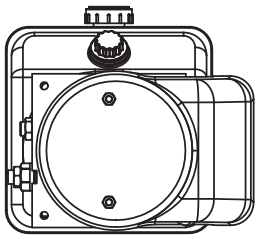


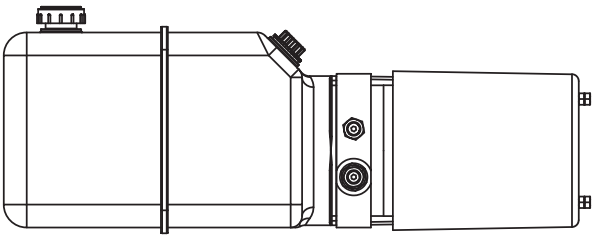


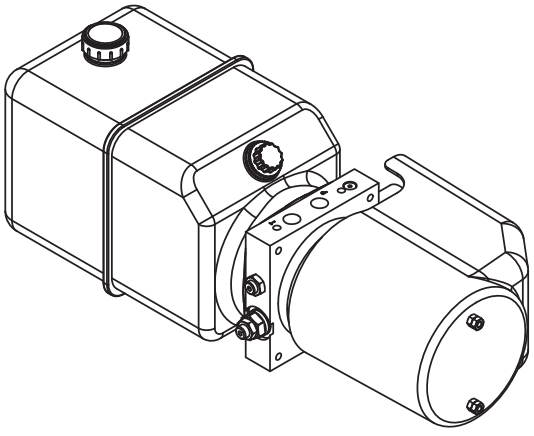


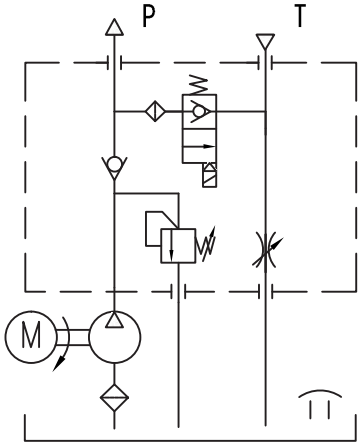


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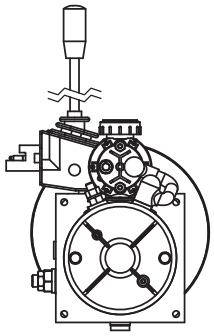


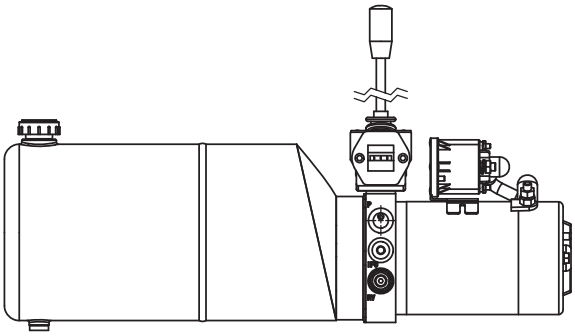


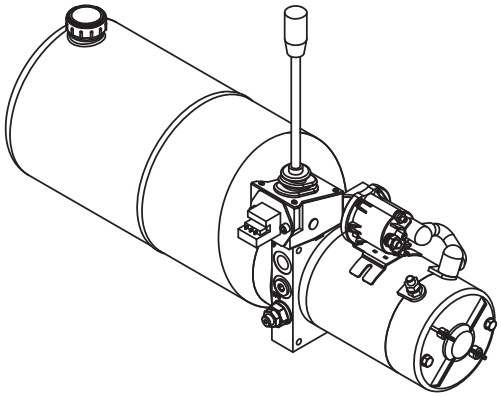


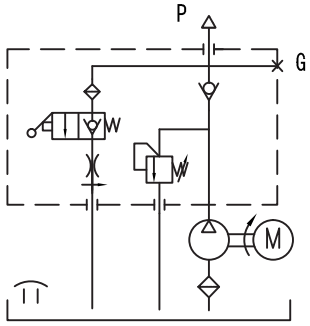
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Hydraulic Power Unit

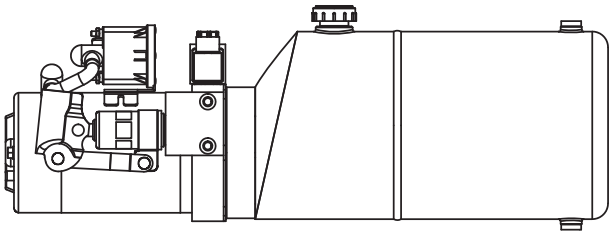


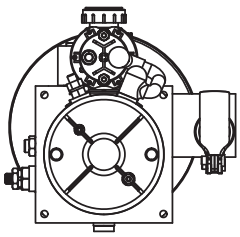


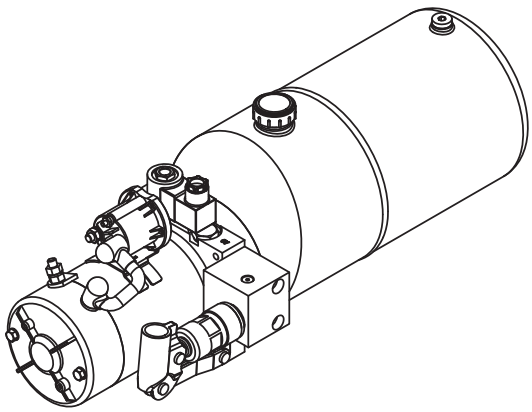


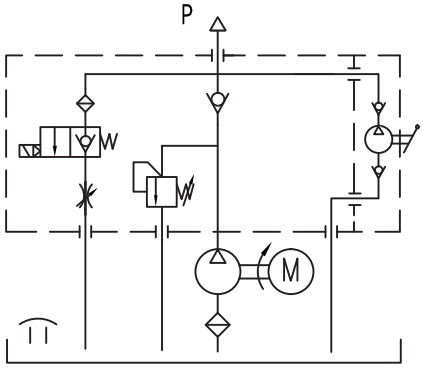


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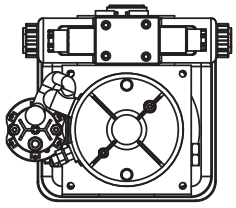


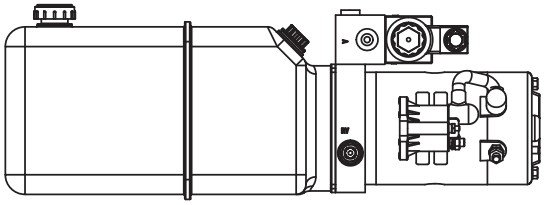


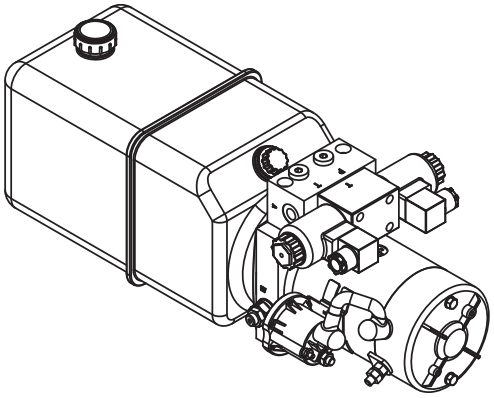


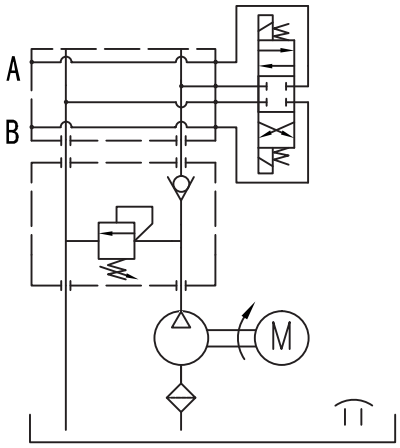
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Hydraulic Power Unit

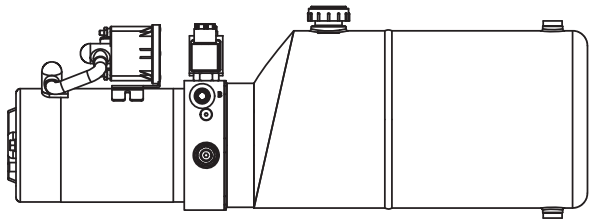


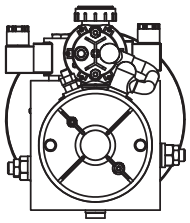


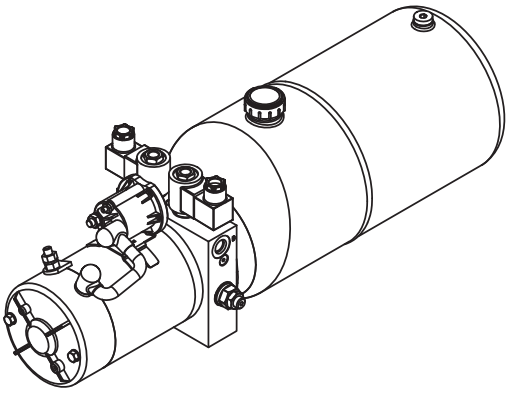


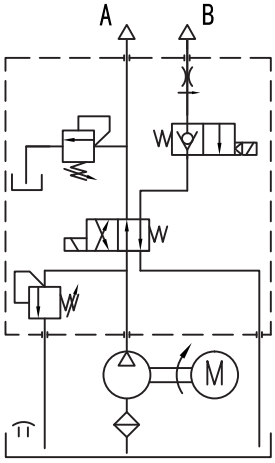


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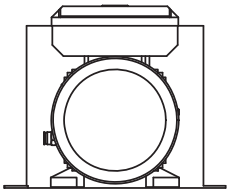


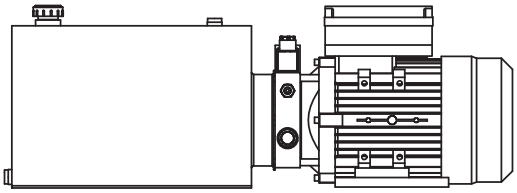


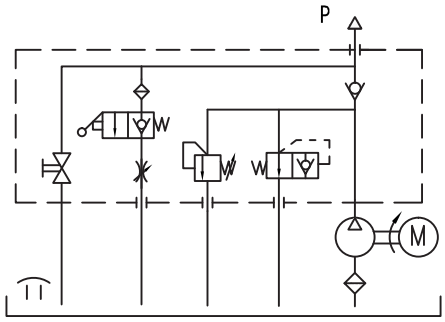


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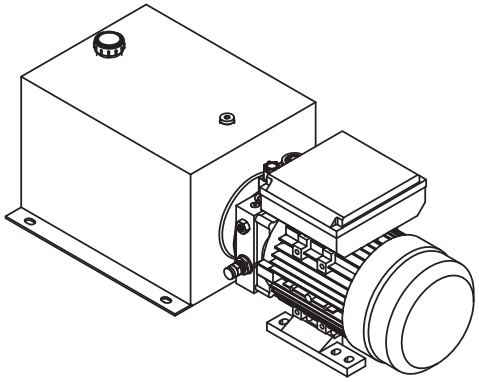
Hydraulic Power Unit

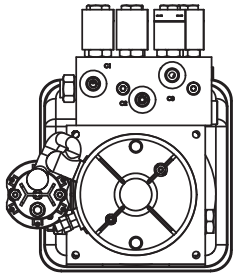


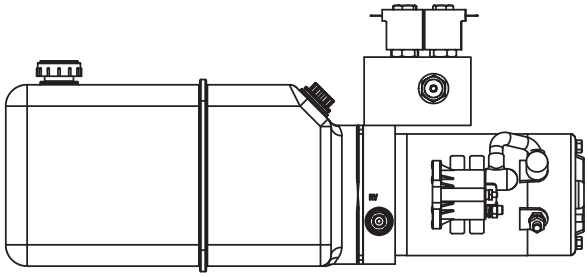


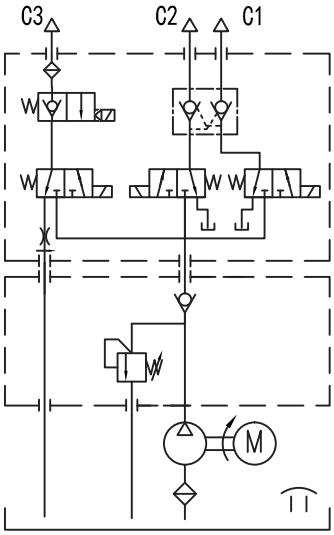


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