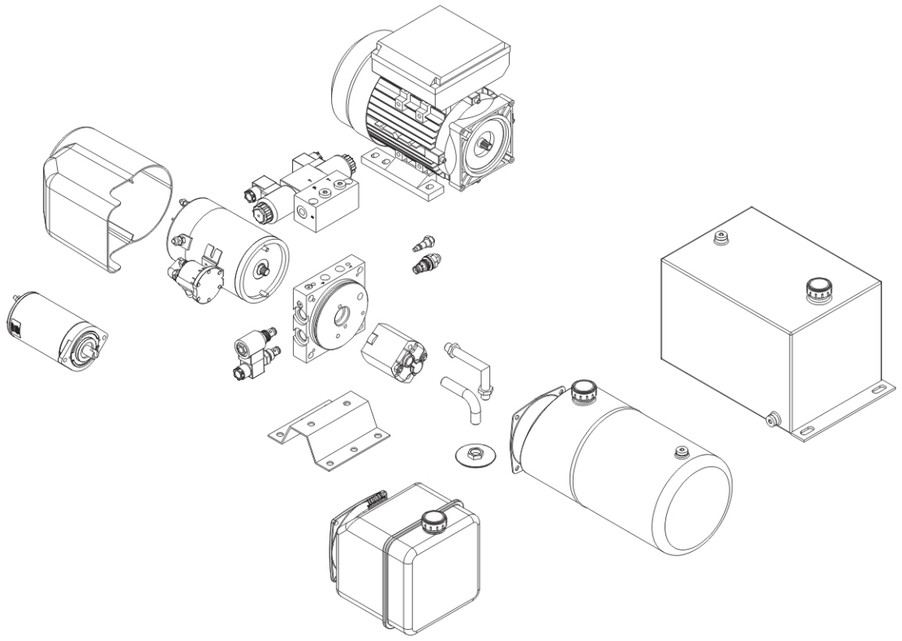
Contents

How to order Hydraulic Power Unit
Central Manifold ····· A
Hydraulic Lift Valve ····· A
Custom Manifolds ····· A
Stacking Manifold Block ····· A
Cartridge Valve ····· B
Cartridge Hand Pump ····· B
Stacked Valve ····· B
Motor ····· C
Tank ····· D
Gear Pump ····· E
Accessories ····· F
Hydraulic Circuit ····· G
Hydraulic Power Unit ····· H



JINAN LANDMARK IMPORT AND EXPORT TRADE CO.,LTD

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

Motor Voltage

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

Motor Power

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: Group1.0 or Group0.5

Group 1.0 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
Group 0.5Code	a	b	c	d	e	f	g	h	i	j	k	l	
Displacement (cc/r)	0.19	0.26	0.38	0.50	0.65	0.75	0.88	1.00	1.25	1.50	1.75	2.00	

Tank

Relief Valve Set

0~210bar

Mounting

Mounting	Horizontal	Vertical
Code	H	V

Oil Port

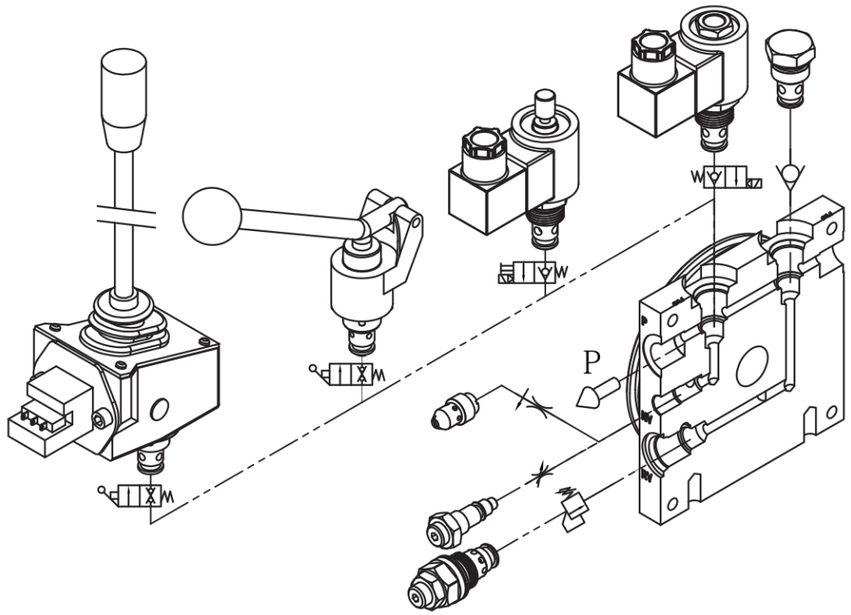
Code	A	B	C	D
Oil port	1/4 BSPP	3/8 BSPP	SAE6#	SAE8#

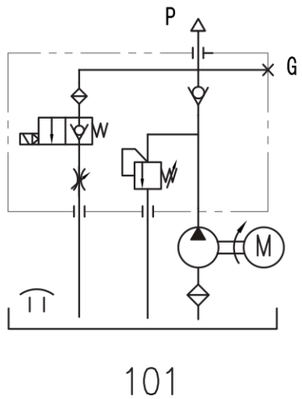
Remote Control Switch

YES	NO

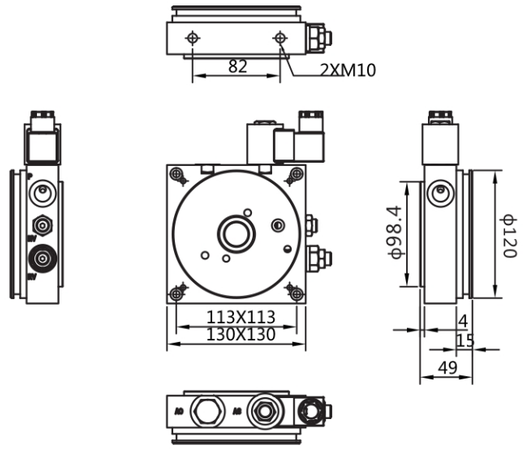
Special Requirement

Central Manifold:500101

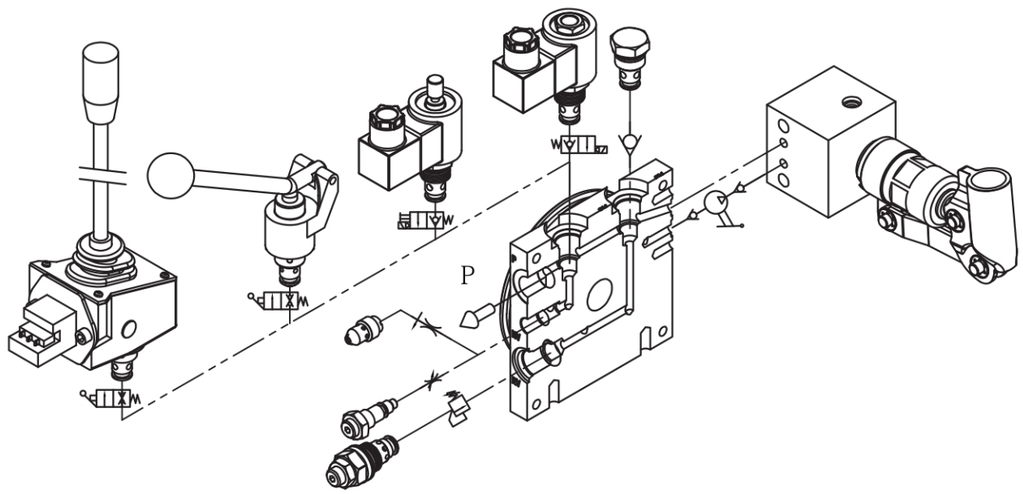


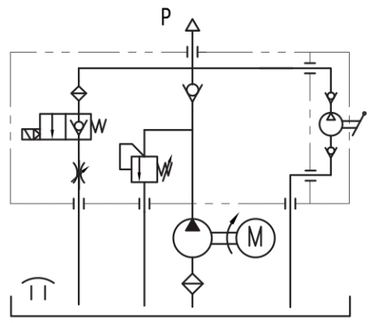


101

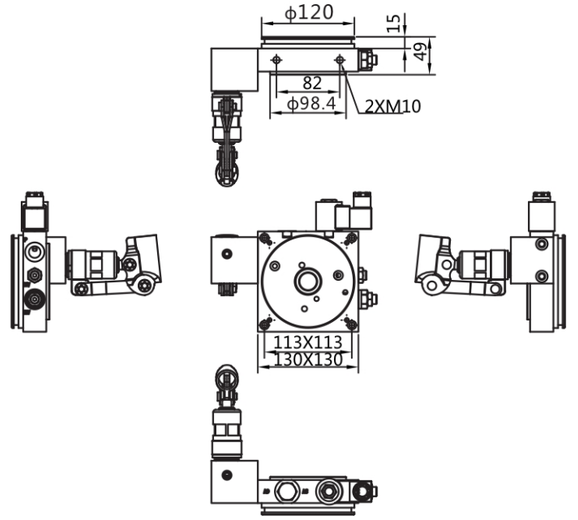


Central Manifold:500103
Stacked Manifold:560783

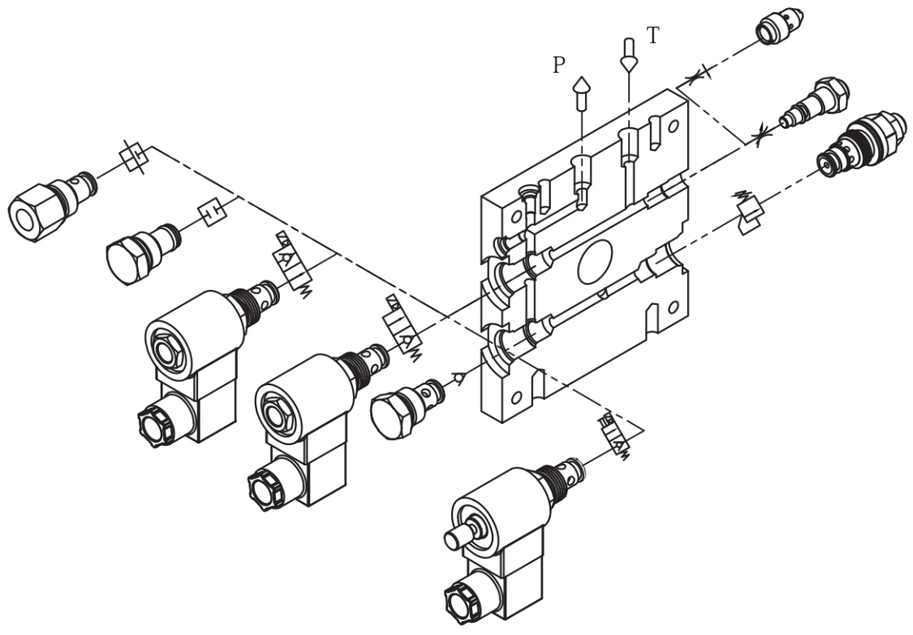


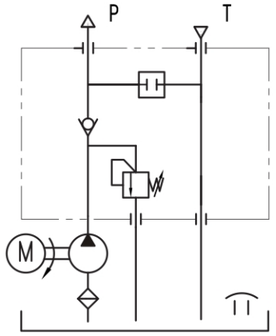


103

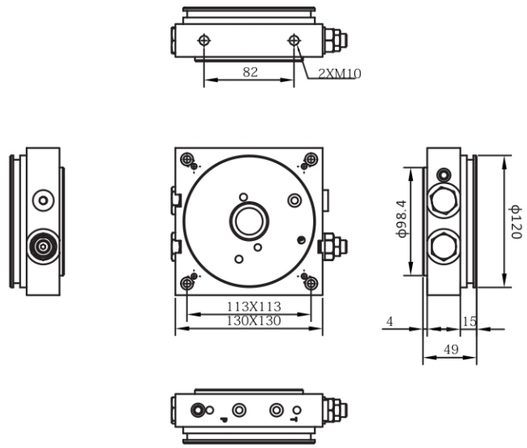


Central Manifold:500208

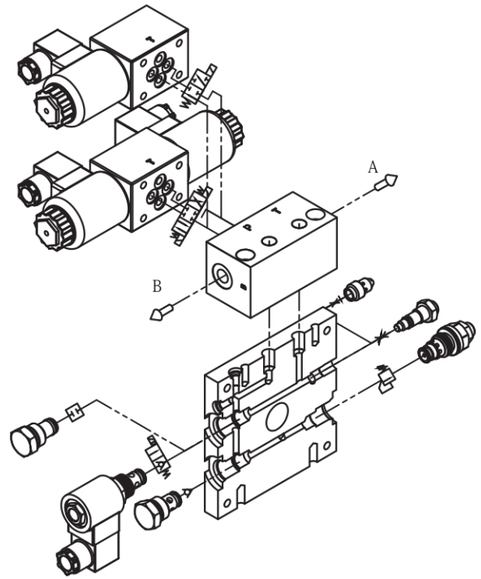


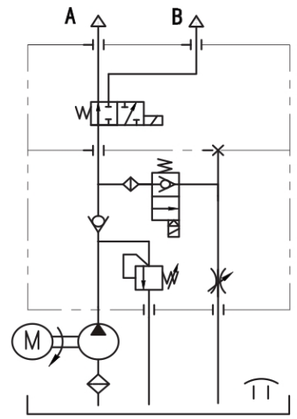


107

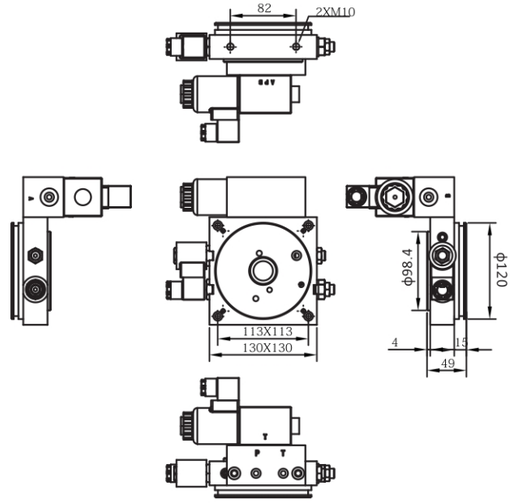


Central Manifold:500208
Stacked Manifold:560102

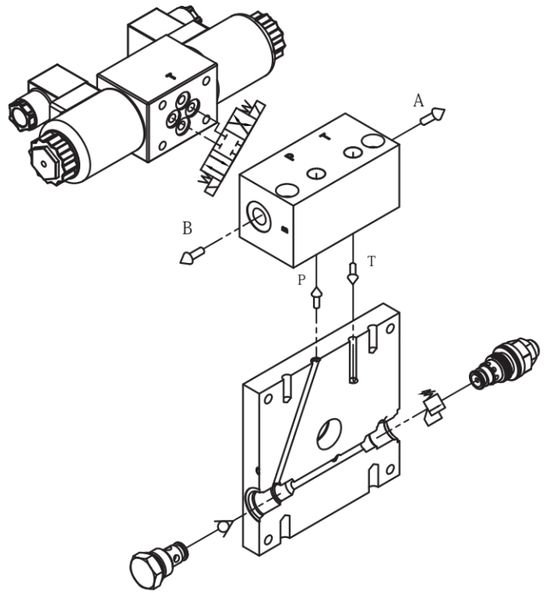


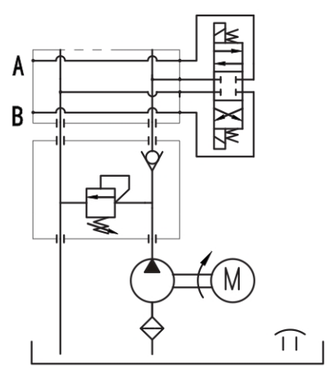


110

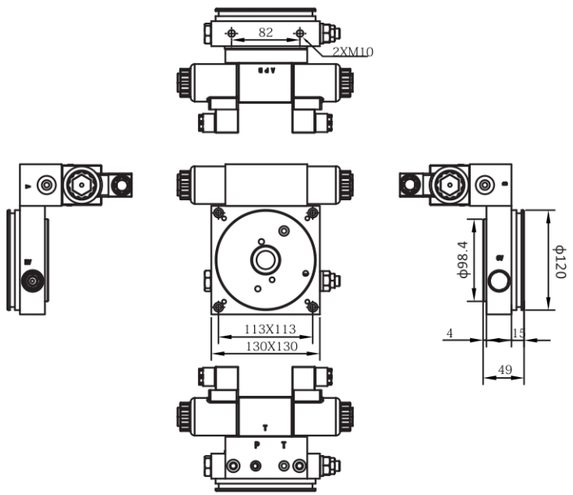


Central Manifold:500202
Stacked Manifold:560102

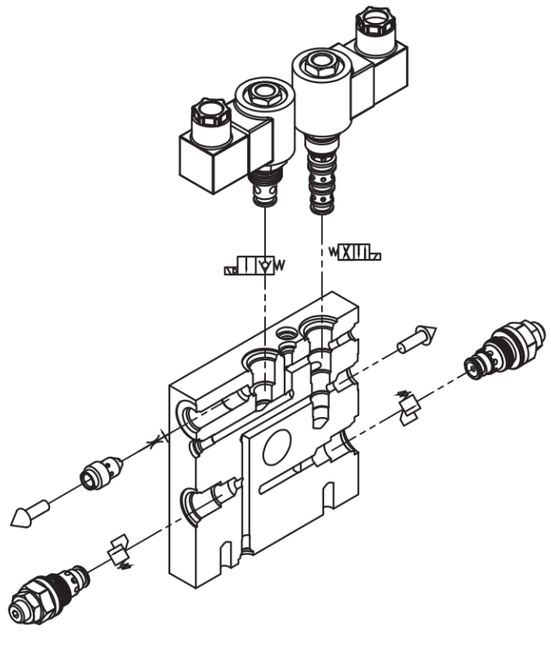


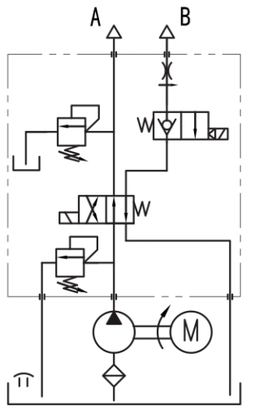


111

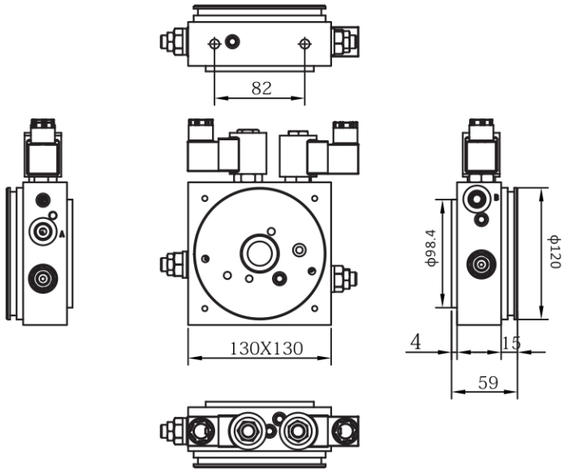


Central Manifold:500216

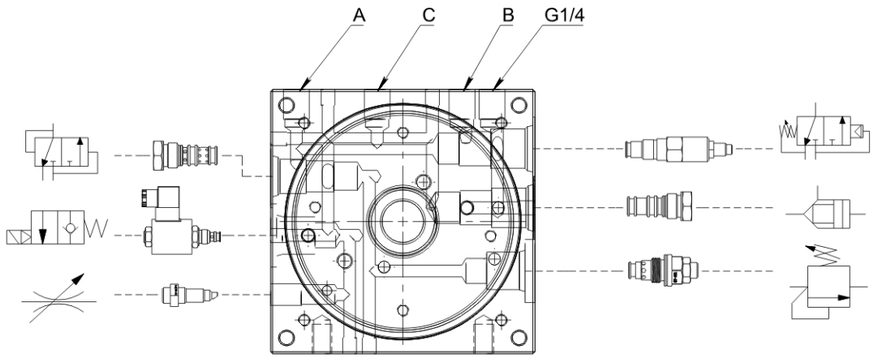


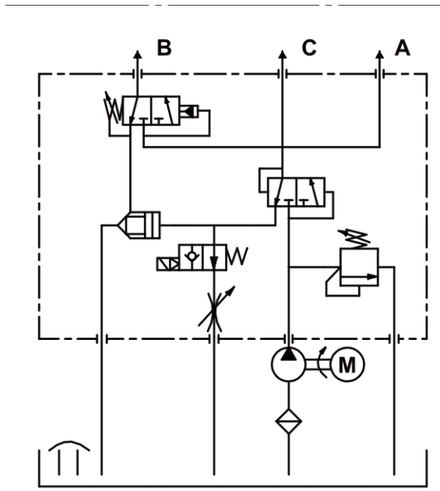


116

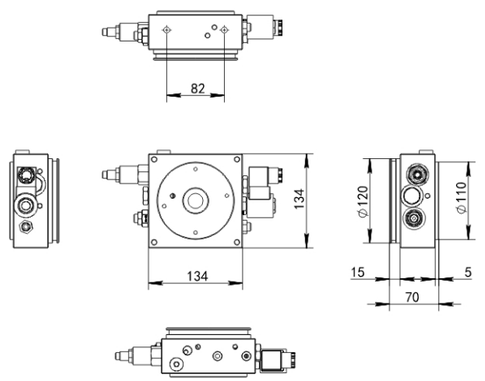


Central Manifold:500151

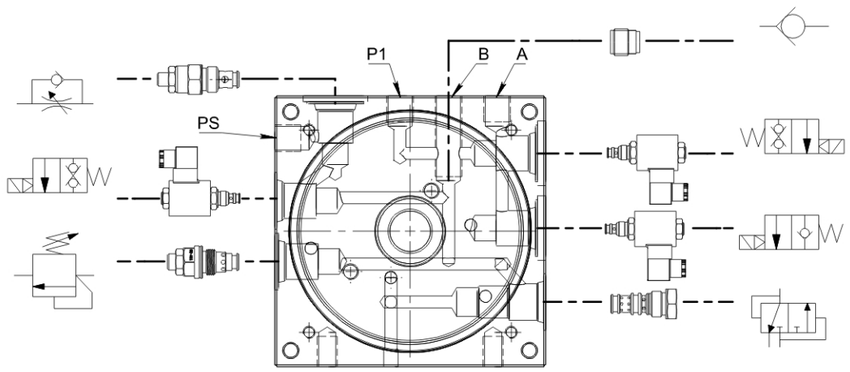


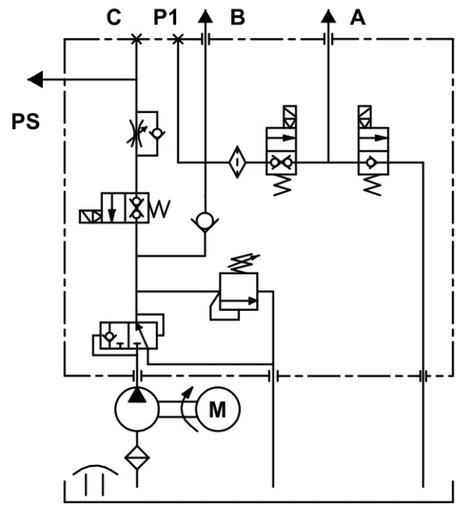


Dock Leveller

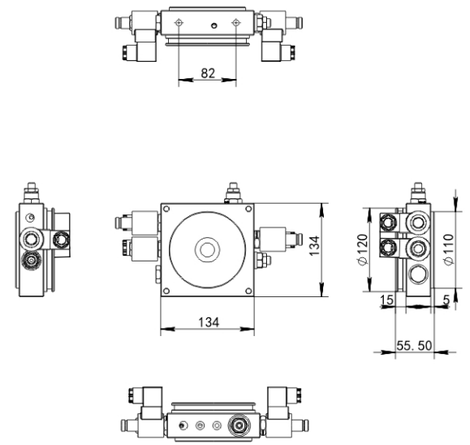


Central Manifold:500153

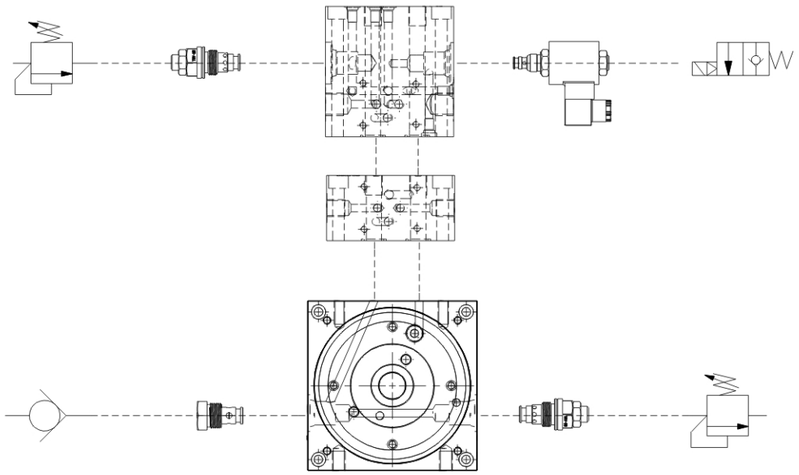


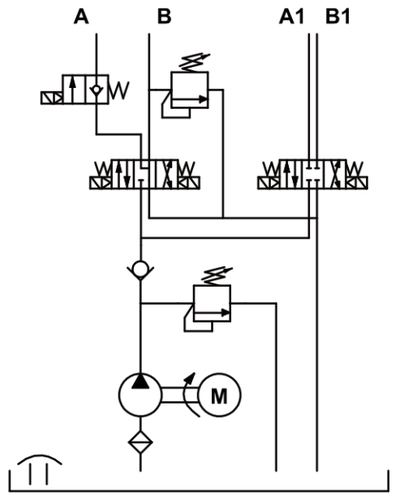


Dock Leveller

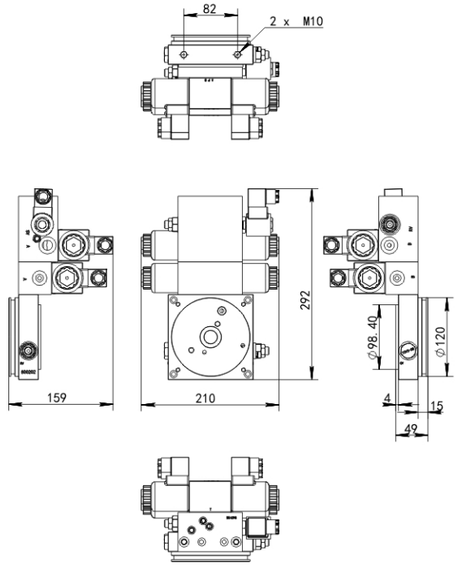


Central Manifold:500202
Stacked Manifold:560102 560105

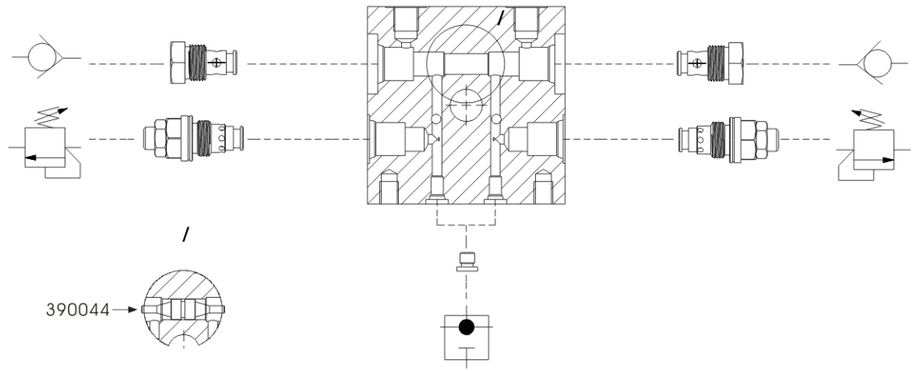


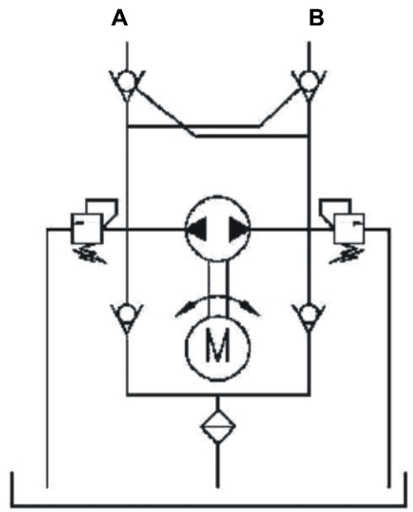


Snow Plow

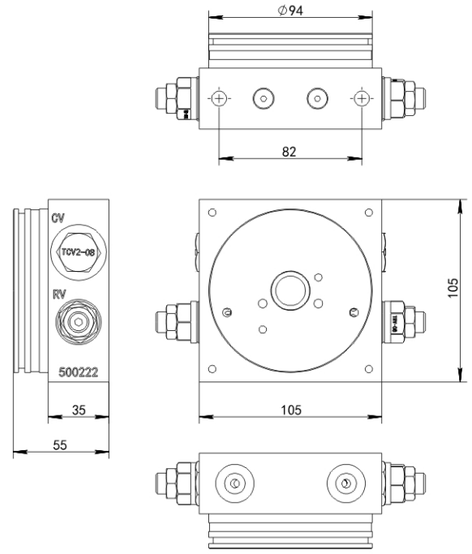


Central Manifold:500222

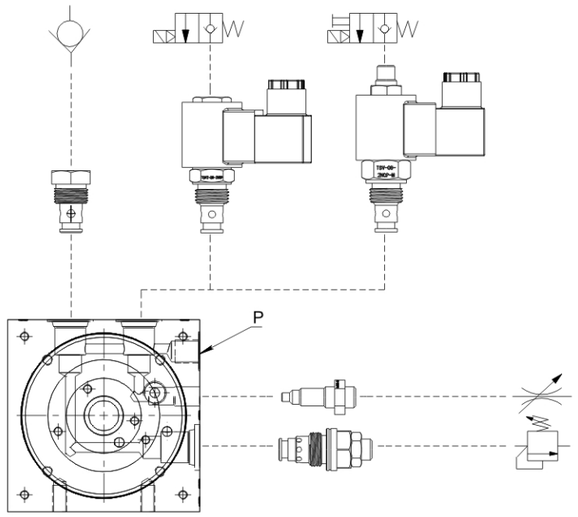


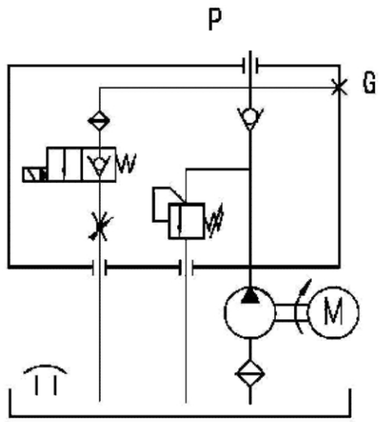


222

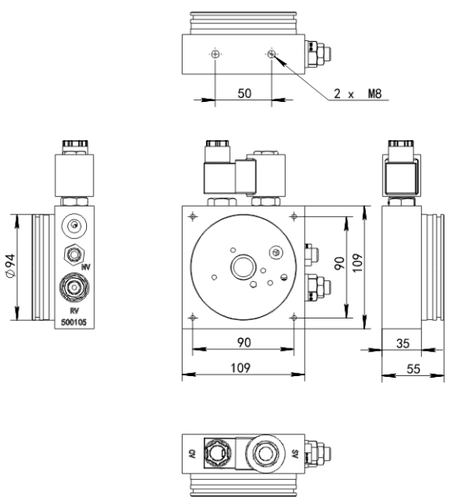


Central Manifold:500105

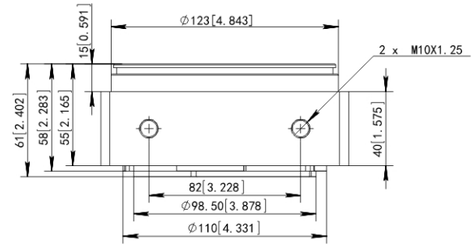


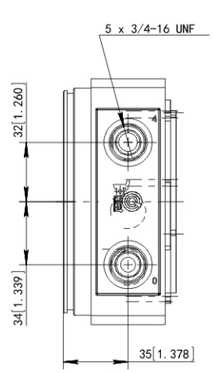


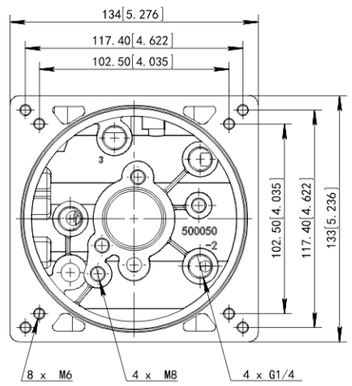
101

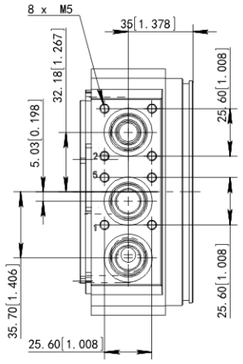


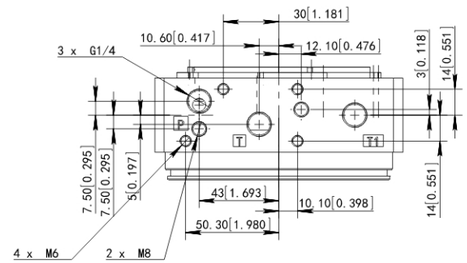
500050-2 CENTRAL MANIFOLDS-OVERALL DIMENSIONS

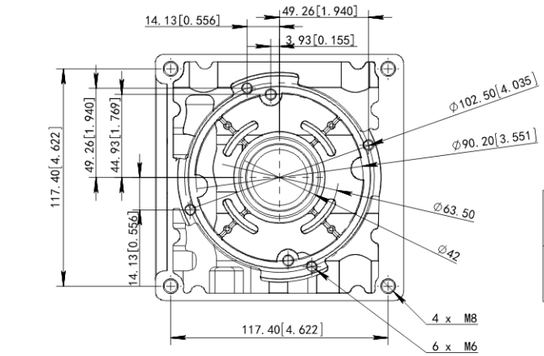






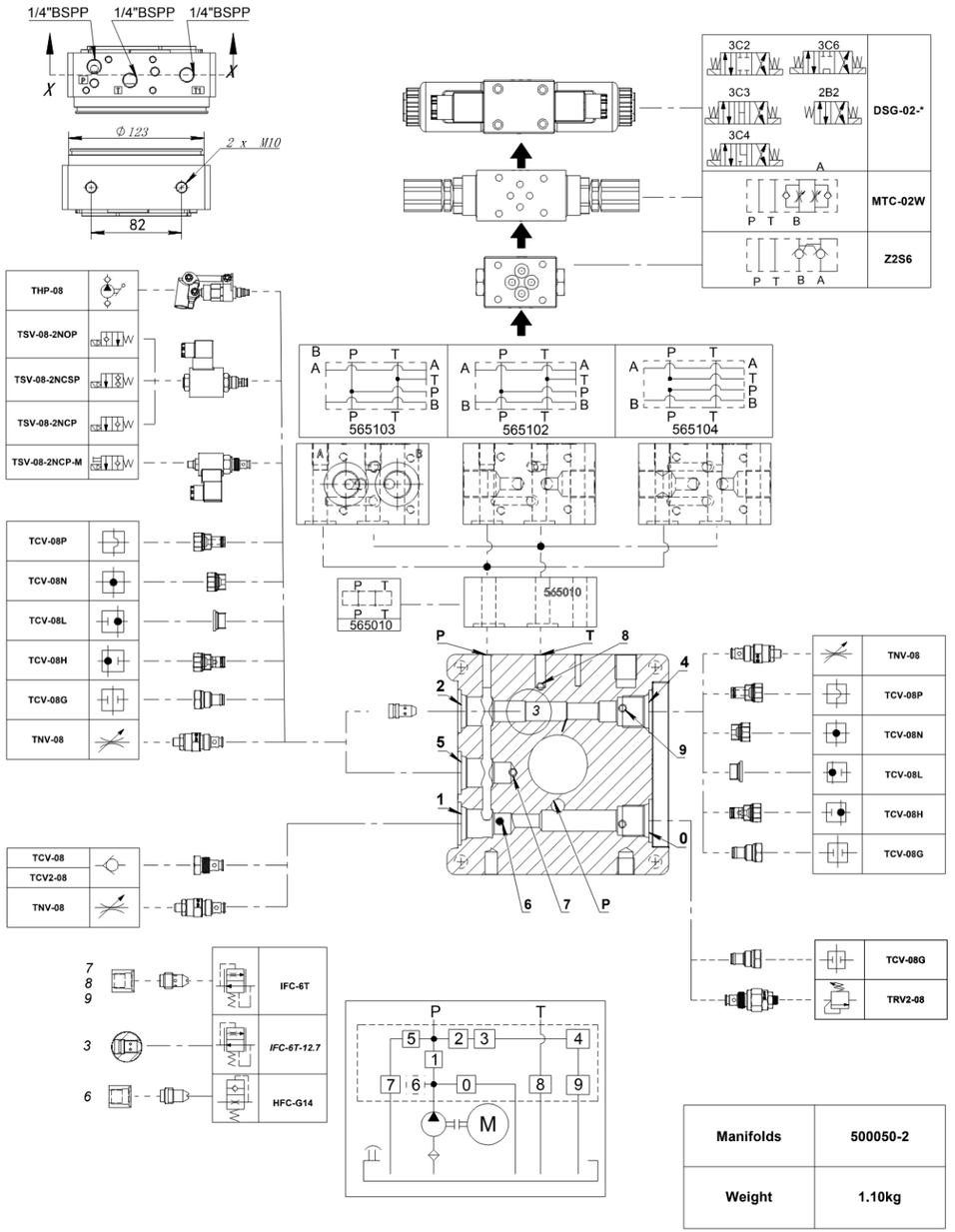






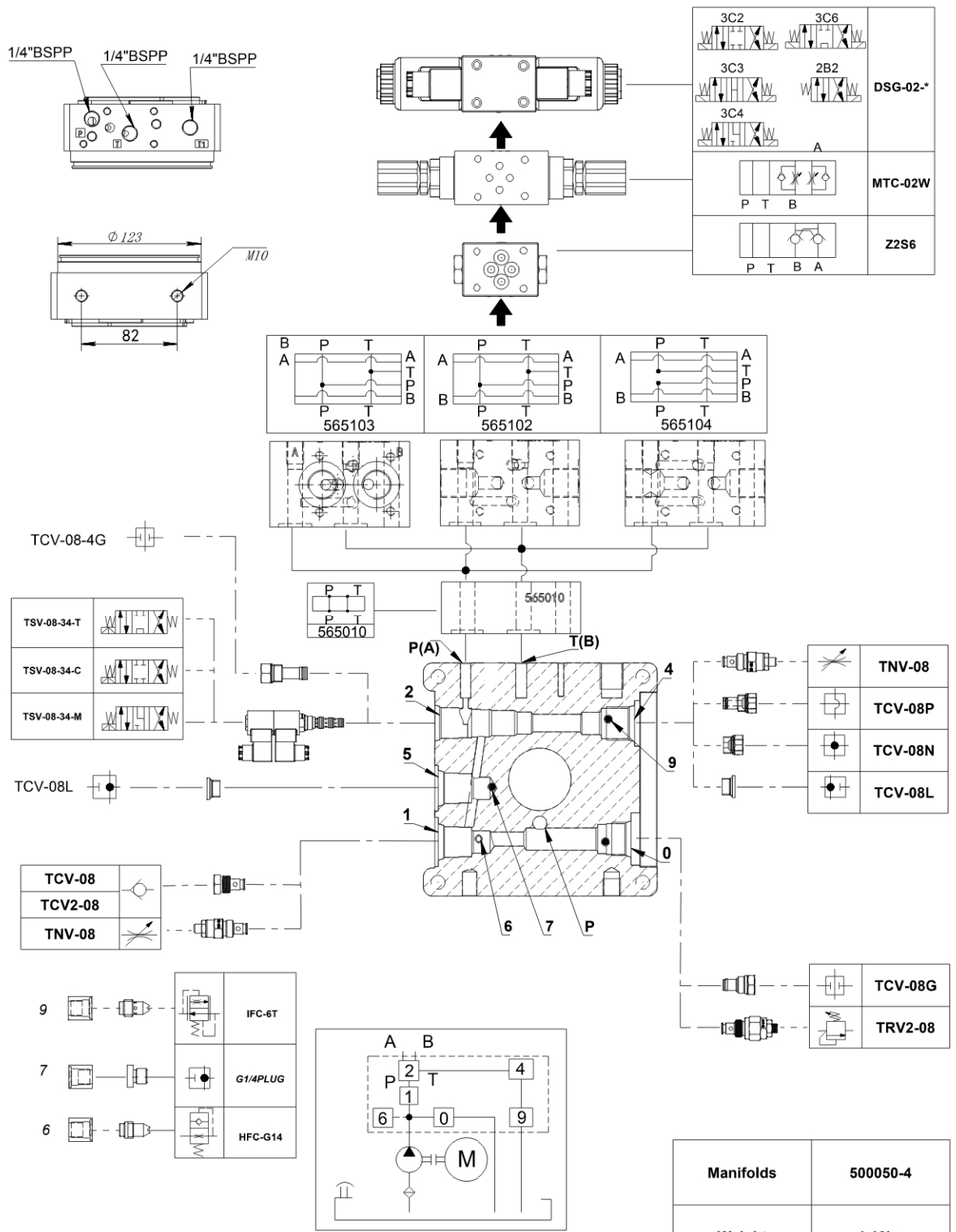
Manifolds	500050-2
Weight	1.10kg

500050-2 CENTRAL MANIFOLDS CAVITIES & COMPONENTS



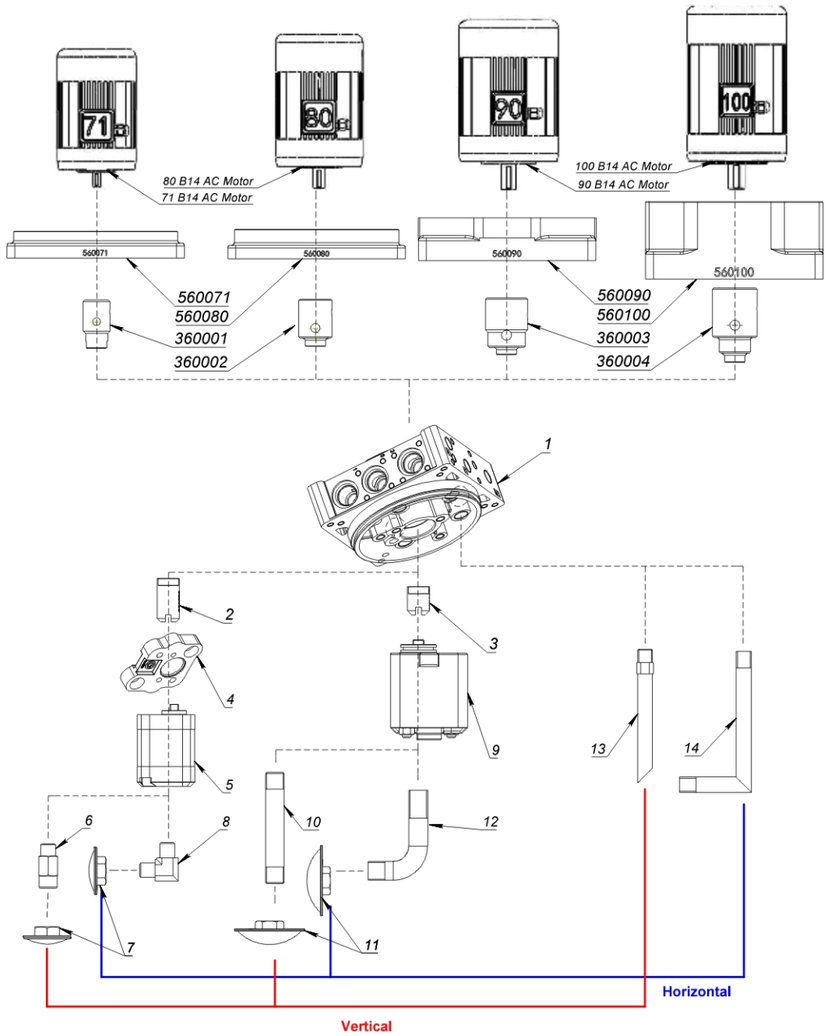
Manifolds	500050-2
Weight	1.10kg

500050-4 CENTRAL MANIFOLDS CAVITIES & COMPONENTS



Manifolds	500050-4
Weight	1.10kg

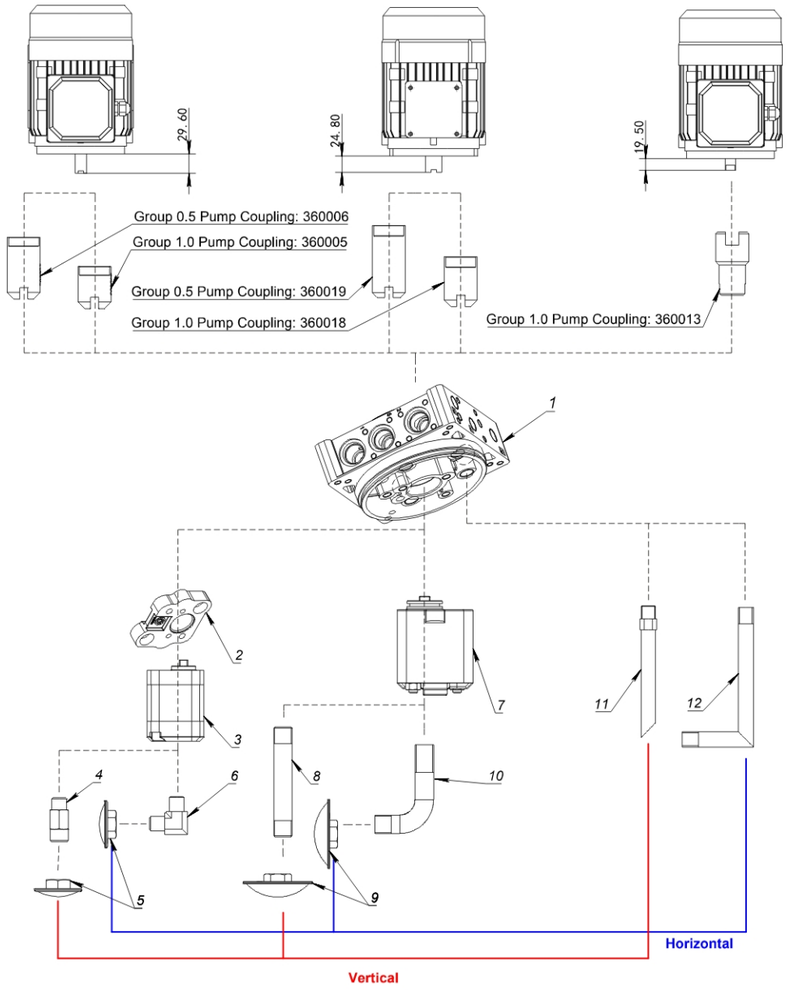
B14 AC MOTORS PUMPS & ACCESSORIES ASSEMBLY GUIDE



Number	1	2	3	4	5	6	7
Item	500050-2	360006	360005	560001	Group 0.5 pump	ZG38-14-*	F43

Number	8	9	10	11	12	13	14
Item	ZG38-14-90	Group 1.0 pump	PSP-*	F65	ZG38-90	RP-G14-*	RP-14-90

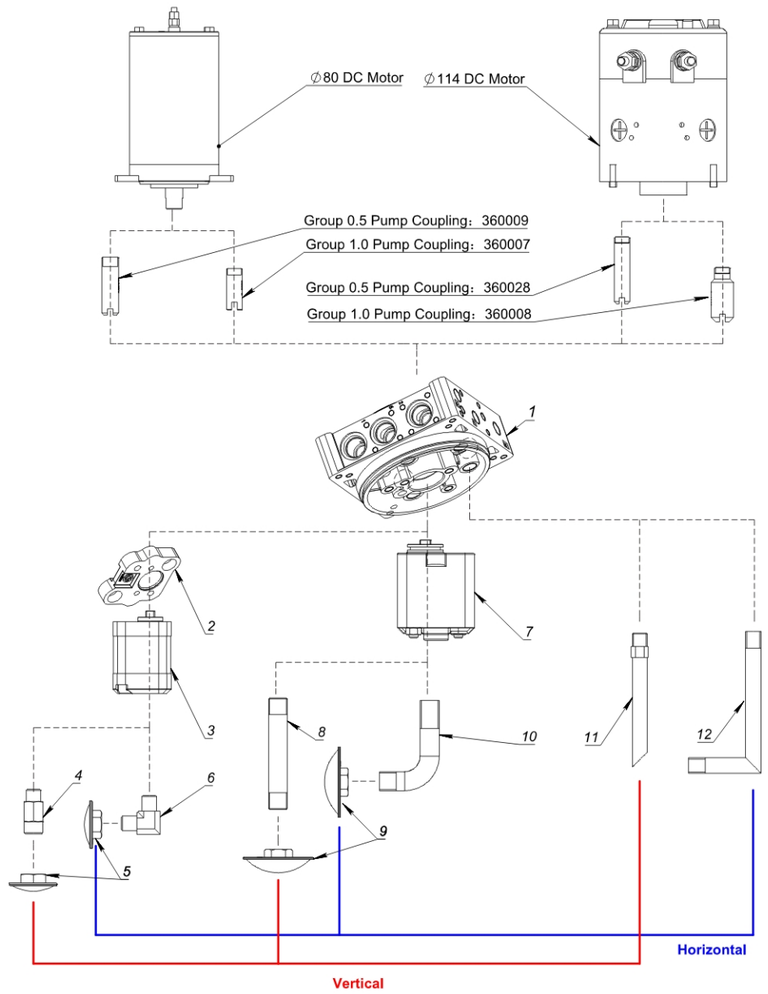
INTEGRAL AC MOTORS PUMPS & ACCESSORIES ASSEMBLY GUIDE



Number	1	2	3	4	5	6
Item	500050-2	560001	Group 0.5 pump	ZG38-14-*	F43	ZG38-14-90

Number	7	8	9	10	11	12
Item	Group 1.0 pump	PSP-*	F65	ZG38-90	RP-G14-*	RP-14-90

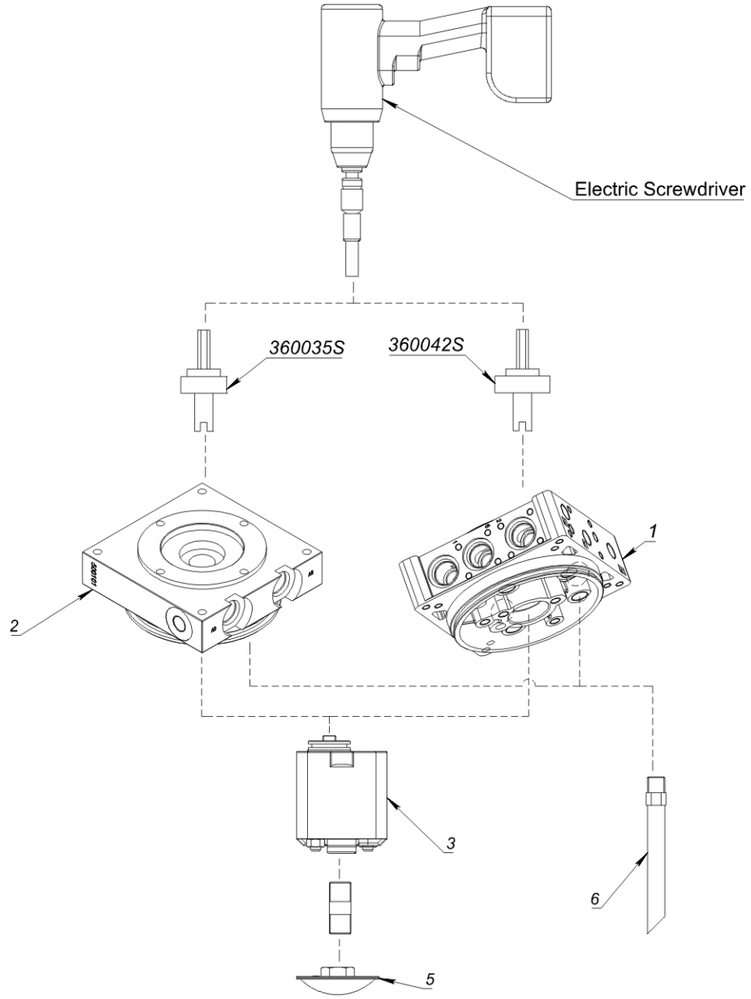
DC MOTORS PUMPS & ACCESSORIES ASSEMBLY GUIDE



Number	1	2	3	4	5	6
Item	500050-2	560001	Group 0.5 pump	ZG38-14-*	F43	ZG38-14-90

Number	7	8	9	10	11	12
Item	Group 1.0 pump	PSP-*	F65	ZG38-90	RP-G14-*	RP-14-90

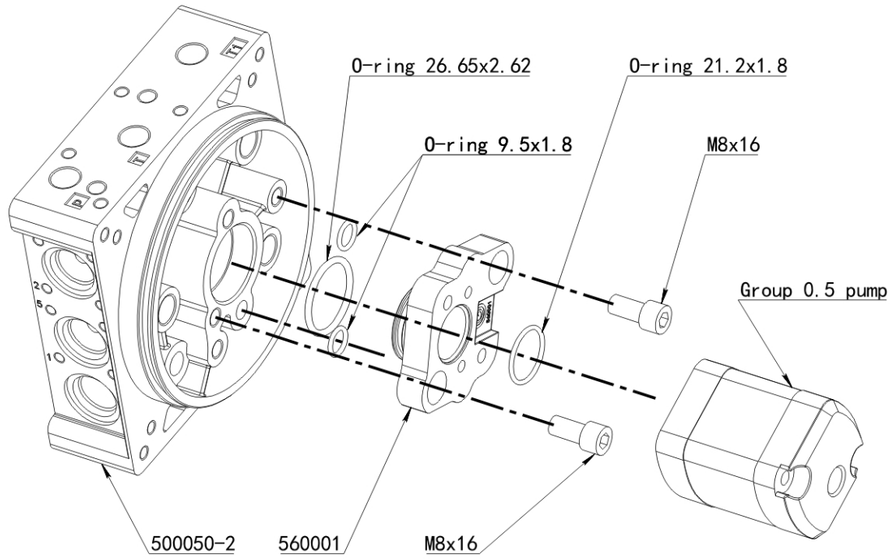
ELECTRIC SCREWDRIVER POWER UNIT

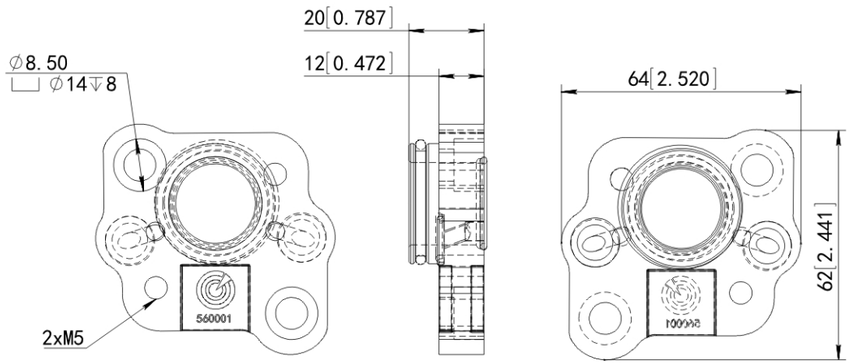


Number	1	2	3	4	5	6
Item	500050-2	500101	Group 1.0 pump	PSP-*	F65	RP-G14-*

N.M	Pump	压力 bar
15	0.75cc/r	170
15	1.1cc/r	120
15	1.3cc/r	100
15	1.6cc/r	95

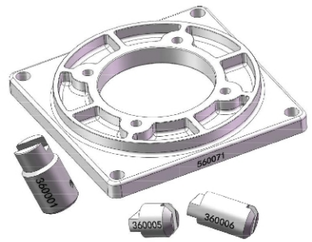
CENTRAL MANIFOLD & GROUP 0.5 PUMP ASSEMBLY GUIDE





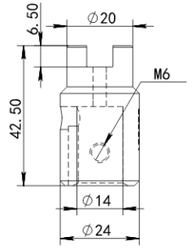
Model	Weight/kg
560001	0.07

MOUNTING KIT FOR FRAME 71 B14 AC MOTORS

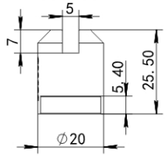


Couplings

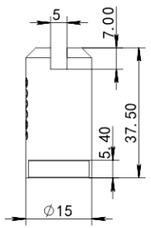
Motor Side
360001

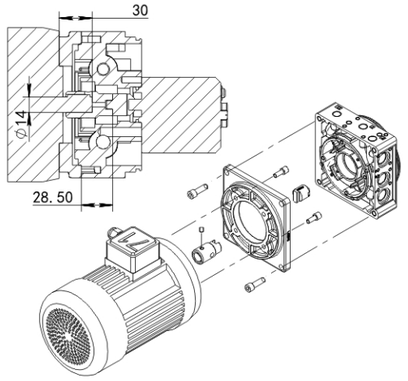


Group 1.0 Pump Side
360005

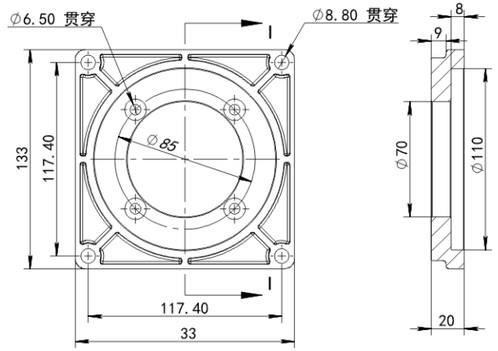


Group 0.5 Pump Side
360006



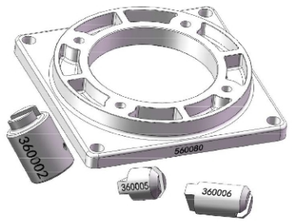


Aluminum Flange: 560071



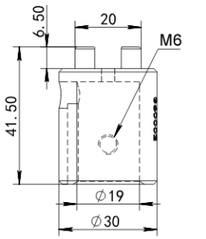
Description	Part Number	Weight(kg)
Motor Side Coupling	360001	0.095
Group 0.5 Pump Side Coupling	360006	0.080
Group 1.0 Pump Side Coupling	360005	0.050
Aluminum Flange	560071	0.30
Motor Flange Assembly Screw	4X DIN 912 M6X16	0.030
Manifold Flange Assembly Screw	4X DIN 912 M8X25	0.060
Coupling Screw	DIN 912 M6X8	-

MOUNTİNG KİT FOR FRAME 80 B14 AC MOTORS

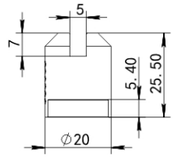


Couplings

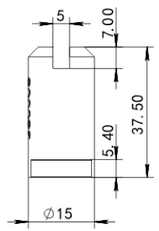
Motor Side
360002

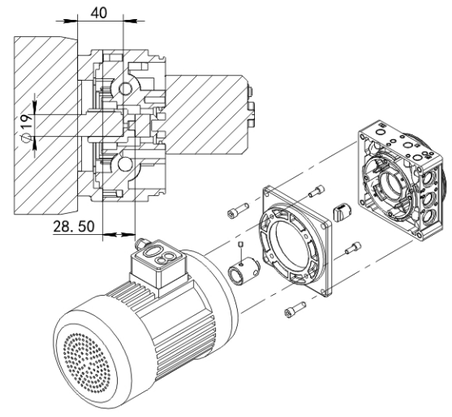


Group 1.0 Pump Side
360005

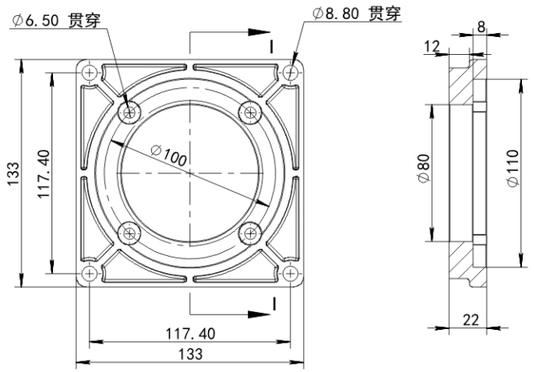


Group 0.5 Pump Side
360006



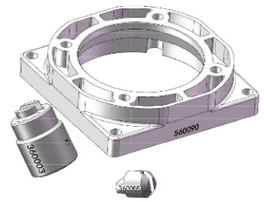


Aluminum Flange: 560080



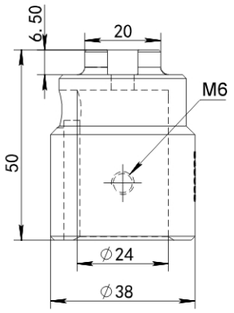
Description	Part Number	Weight(kg)
Motor Side Coupling	360002	0.125
Group 0.5 Pump Side Coupling	360006	0.080
Group 1.0 Pump Side Coupling	360005	0.050
Aluminum Flange	560080	0.310
Motor Flange Assembly Screw	4X DIN 912 M6X16	0.030
Manifold Flange Assembly Screw	4X DIN 912 M8X25	0.060
Coupling Screw	M6X8	-

MOUNTİNG KİT FOR FRAME 90 B14 AC MOTORS

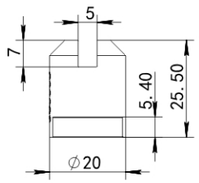


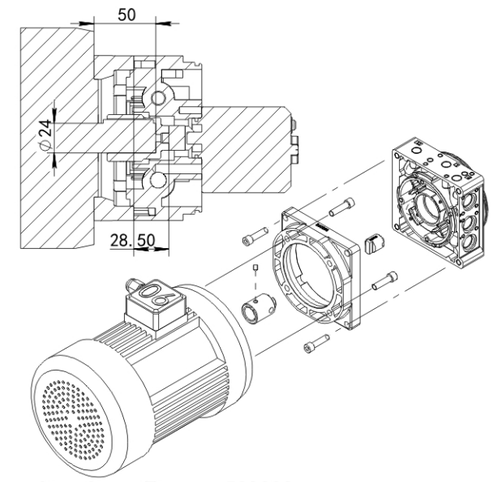
Couplings

Motor Side
360003

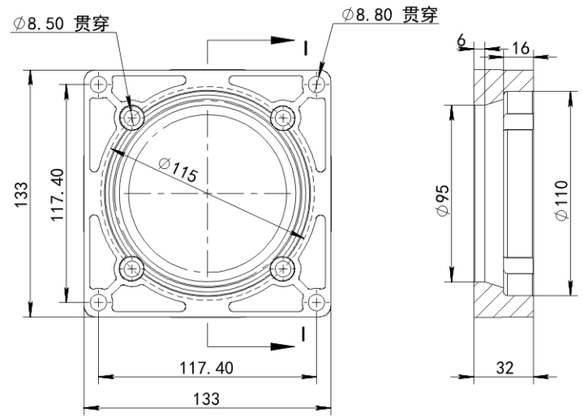


Group 1.0 Pump Side
360005



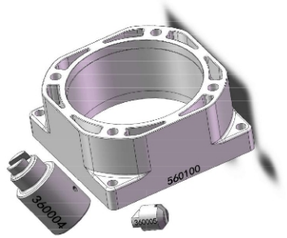


Aluminum Flange: 560090



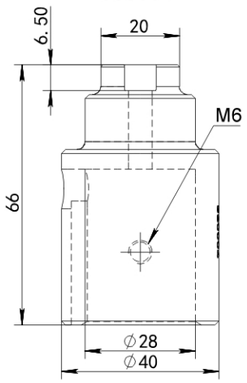
Description	Part Number	Weight(kg)
Motor Side Coupling	360003	0.220
Group 1.0 Pump Side Coupling	360005	0.050
Aluminum Flange	560090	0.390
Motor Flange Assembly Screw	4X DIN 912 M8X16	0.050
Manifold Flange Assembly Screw	4X DIN 912 M8X30	0.065
Coupling Screw	DIN 912 M6X8	-

MOUNTING KIT FOR FRAME 100/112 B14 AC MOTORS

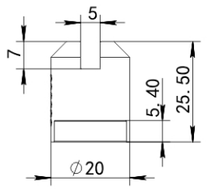


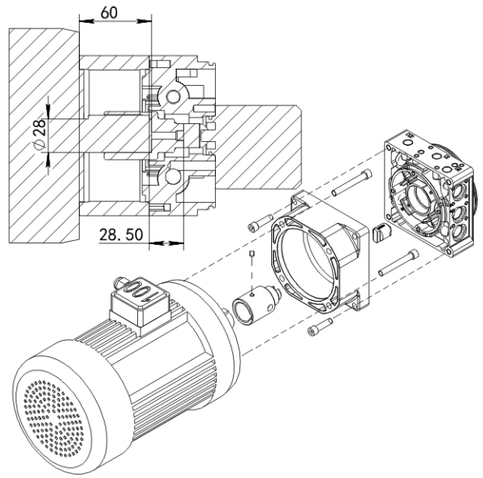
Couplings

Motor Side
360004

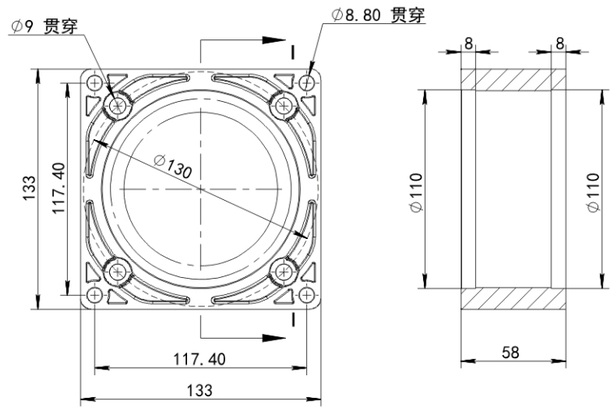


Group 1.0 Pump Side
360005





Aluminum Flange: 560100

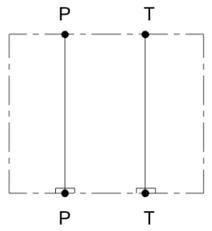
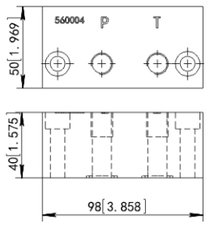
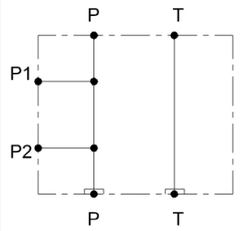
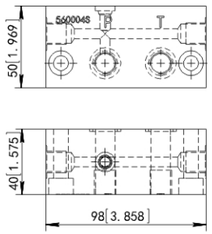
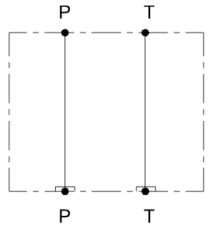
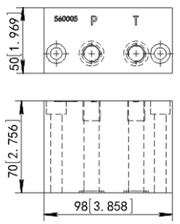
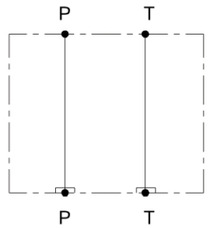
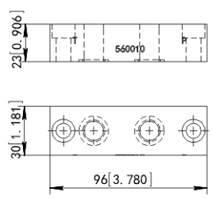


Description	Part Number	Weight(kg)
Motor Side Coupling	360004	0.310
Group 1.0 Pump Side Coupling	360005	0.050
Aluminum Flange	560100	0.700
Motor Flange Assembly Screw	4X DIN 912 M8X55	0.125
Manifold Flange Assembly Screw	4X DIN 912 M8X30	0.065
Coupling Screw	DIN 912 M6X8	-

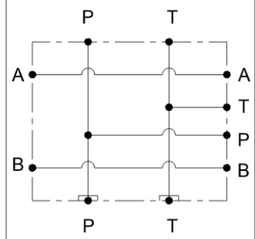
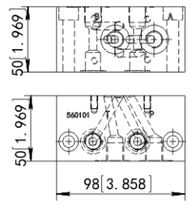
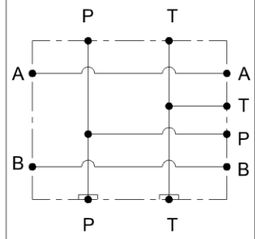
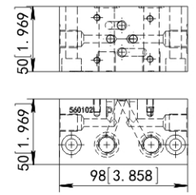
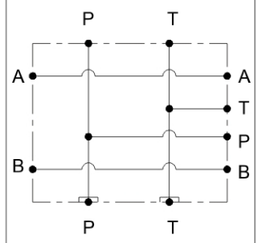
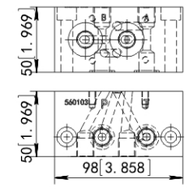
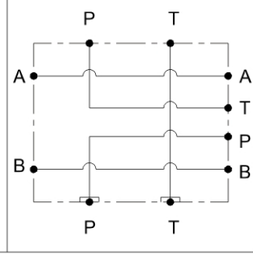
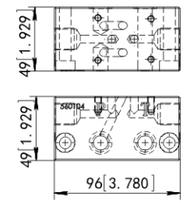
SUMMARY TABLE-MANIFOLD/PUMP/MOTOR COUPLING KITS

Motor	Coupling	Manifold	Pump
B14 AC Motors 71	360001+360006	Die Casting Manifold+71 Flanges+560001	**Group 0.5 Pump**
	360001+360005	Die Casting Manifold+71 Flanges	**Group 1.0 Pump**
B14 AC Motors 80	360002+360006	Die Casting Manifold+80 Flanges+560001	**Group 0.5 Pump**
	360002+360005	Die Casting Manifold+80 Flanges	**Group 1.0 Pump**
B14 AC Motors 90	360003+360006	Die Casting Manifold+90 Flanges+560001	**Group 0.5 Pump**
	360003+360005	Die Casting Manifold+90 Flanges	**Group 1.0 Pump**
B14 AC Motors 100/112	360004+360006	Die Casting Manifold+100/112 Flanges + 560001	**Group 0.5 Pump**
	360004+360005	Die Casting Manifold+100/112 Flanges	**Group 1.0 Pump**
Integral AC Motors Axis length(29.6)	360006	Die Casting Manifold+560001	**Group 0.5 Pump**
	360005	Die Casting Manifold	**Group 1.0 Pump**
	360015	500151 (thickness: 70mm)	
Integral AC Motors Axis length(24.8)	360019	Die Casting Manifold+560001	**Group 0.5 Pump**
	360018	Die Casting Manifold	**Group 1.0 Pump**
Integral AC Motors Axis length(19.5)	360011	Die Casting Manifold+560001	**Group 0.5 Pump**
	360013	Die Casting Manifold	**Group 1.0 Pump**
Integral DC Motors ϕ114	360028	Die Casting Manifold+560001	**Group 0.5 Pump**
	360008	Die Casting Manifold	**Group 1.0 Pump**
Integral DC Motors ϕ80	360009	Die Casting Manifold+560001	**Group 0.5 Pump**
	360007	Die Casting Manifold	**Group 1.0 Pump**
	360033	500105 500115 500222 (thickness: 55mm)	**Group 0.5 Pump**
	360029	Other Manifold (thickness: 49/50mm)	**Group 1.0 Pump**
Integral AC Motors / DC Motors ϕ114 (Nine tooth bond)	C57	Other Manifold +560001 (thickness: 49/50mm)	**Group 0.5 Pump**
		500216 (thickness: 60mm)	**Group 1.0 Pump**
	C46	Other Manifold (thickness: 49/50mm)	**Group 1.0 Pump**

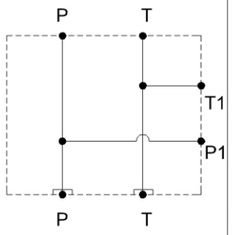
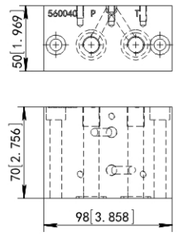
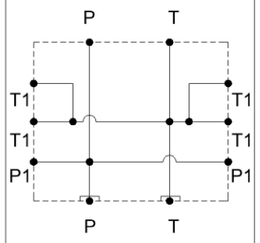
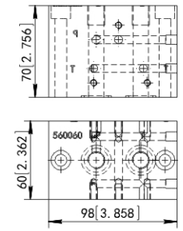
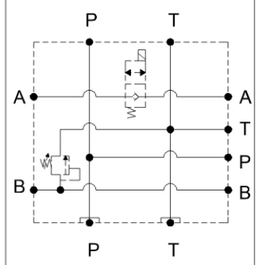
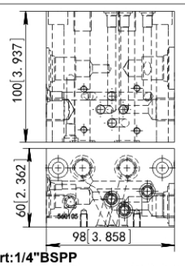
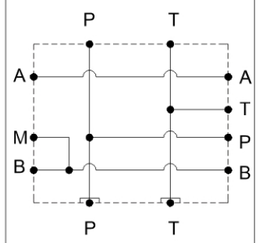
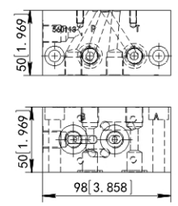
Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560004	**Spacer Manifold Adapter**		 **P T Port:1/4"BSPP** **Weight: 0.51kg** Dimensions in mm [inches]
560004S	**Spacer Manifold with Pressure Test Point**		 **P T P1 P2 Port:1/4"BSPP** **Weight: 0.49kg** Dimensions in mm [inches]
560005	**Spacer Manifold Adapter**		 **Weight: 0.90kg** **P T Port:1/4"BSPP** Dimensions in mm [inches]
560010	**Spacer Manifold Adapter**		 **Weight: 0.16kg** **P T Port:1/4"BSPP** Dimensions in mm [inches]

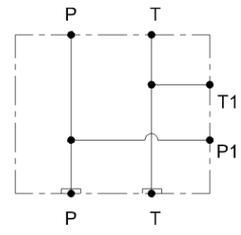
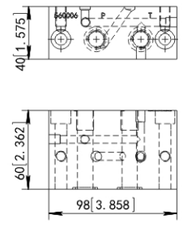
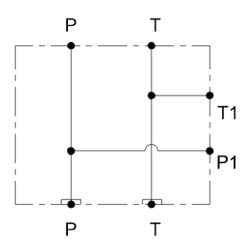
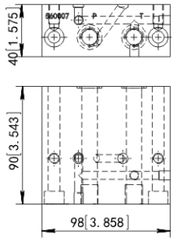
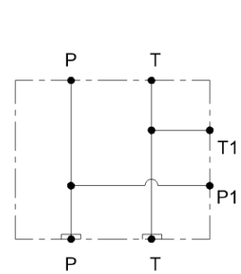
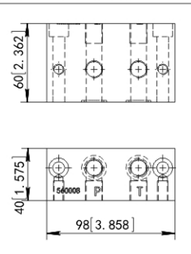
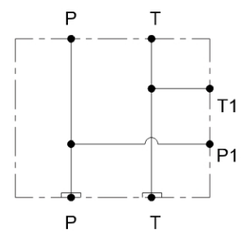
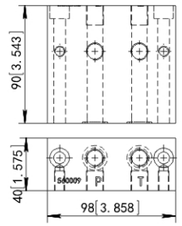
Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560101	**NG6(CETOP3) Modular Manifolds Parallel Connection Rear Ports**		 **P T Port:1/4"BSPP** **A B Port:1/4"BSPP** **Other porting is available** **Weight: 0.62kg** Dimensions in mm [inches]
560102	**NG6(CETOP3) Modular Manifolds Parallel Connection Lateral Ports**		 **P T Port:1/4"BSPP** **A B Port:3/8"BSPP** **Other porting is available** **Weight: 0.61kg** Dimensions in mm [inches]
560103	**NG6(CETOP3) Modular Manifolds Parallel Connection Rear Ports**		 **P T Port:1/4"BSPP** **A B Port:1/4"BSPP** **Other porting is available** **Weight: 0.62kg** Dimensions in mm [inches]
560104	**NG6(CETOP3) Modular Manifolds Series Connection Lateral Ports**		 **P T Port:1/4"BSPP** **A B Port:3/8"BSPP** **Other porting is available** **Weight: 0.57kg** Dimensions in mm [inches]

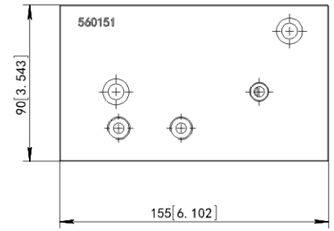
Stacking Manifold Block

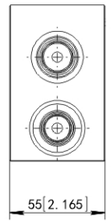
ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560040	**Spacer Manifold for Stackable Valves**		 **P T Port:1/4"BSPP** **Weight: 0.89kg** Dimensions in mm [inches]
560060	**Spacer Manifold for Stackable Valves**		 **P T Port:1/4"BSPP** **Weight: 1.10kg** Dimensions in mm [inches]
560105	**Snow Plow Manifold**		 **P T Port:1/4"BSPP** **A B Port:3/8"BSPP** **Other porting is available** **Weight: 1.44kg** Dimensions in mm [inches]
560113	**NG6(CETOP3) Modular Manifolds Parallel Connection Rear Ports**		 **P T Port:1/4"BSPP** **A B M Port:1/4"BSPP** **Other porting is available** **Weight: 0.62kg** Dimensions in mm [inches]

Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560006	**Motor Side 90° Rotation Manifold**		 **P T Port:1/4"BSPP** **Weight: 0.59kg** Dimensions in mm [inches]
560007	**Motor Side 90° Rotation Manifold**		 **P T Port:1/4"BSPP** **Weight: 0.89kg** Dimensions in mm [inches]
560008	**Tank Side 90° Rotation Manifold**		 **Weight: 0.59kg** **P T P1 T1 Port:1/4"BSPP** Dimensions in mm [inches]
560009	**Tank Side 90° Rotation Manifold**		 **Weight: 0.89kg** **P T P1 T1 Port:1/4"BSPP** Dimensions in mm [inches]

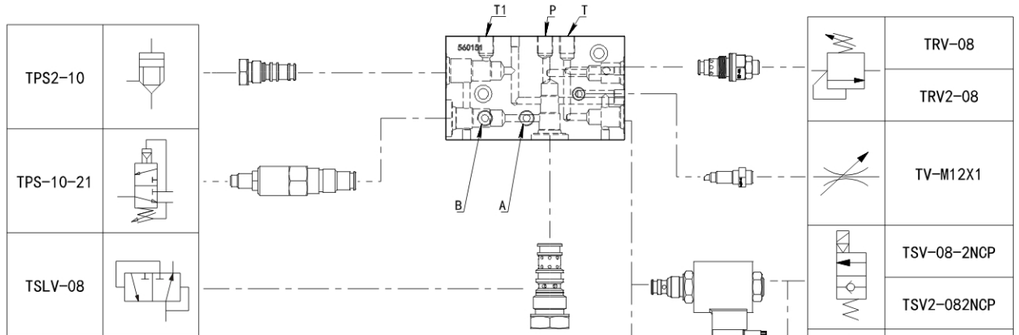
Stacking Manifold Block:560151

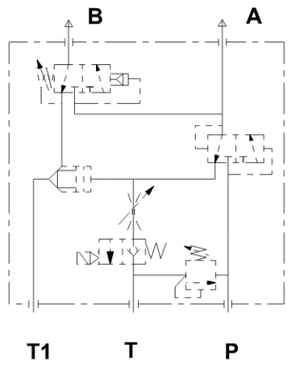




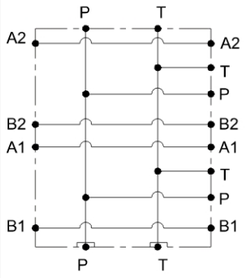
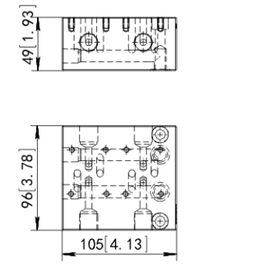
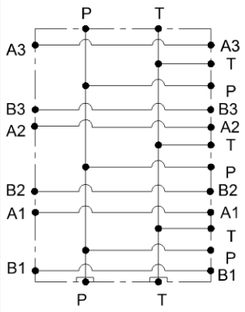
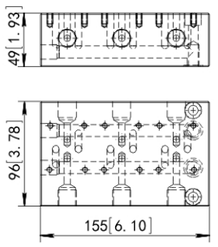
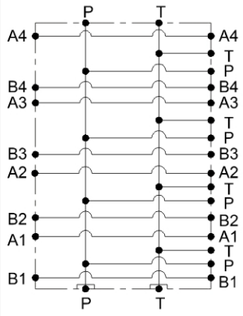
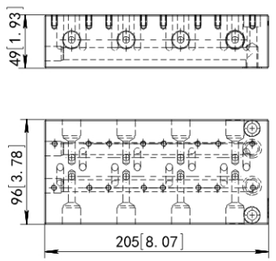
P T T1 A BPort:1/4"BSPP
Dimensions in mm [inches]

Weight: 1.91kg

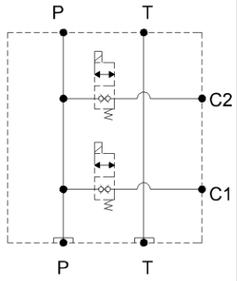
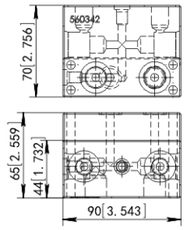
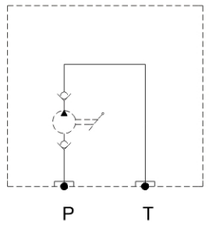
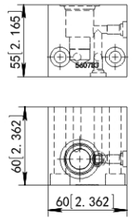
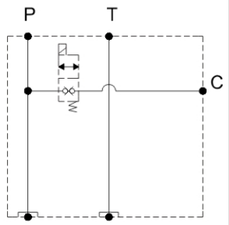
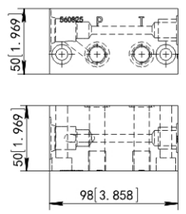
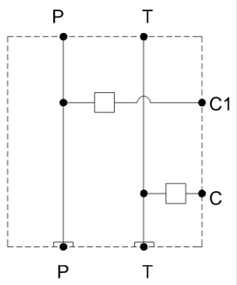
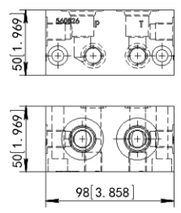




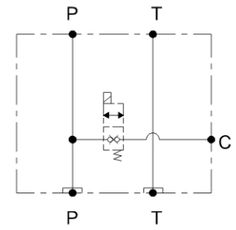
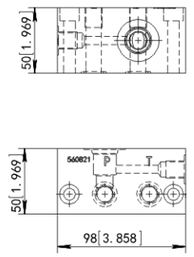
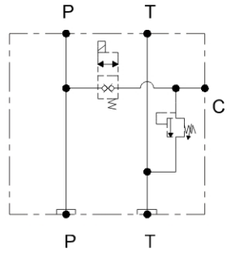
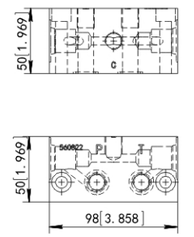
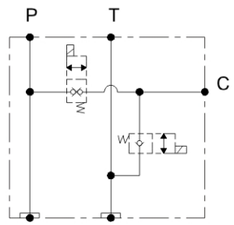
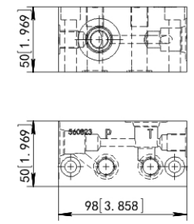
Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560204	**NG6(CETOP3) Modular Manifolds Parallel Connection Lateral Ports Two Section**		 **A1 A2 B1 B2 Port:3/8"BSPP Other porting is available Weight: 1.24kg** Dimensions in mm [inches]
560306	**NG6(CETOP3) Modular Manifolds Parallel Connection Lateral Ports Three Section**		 **A1 A2 A3 B1 B2 B3 Port:3/8"BSPP Other porting is available Weight: 1.84kg** Dimensions in mm [inches]
560408	**NG6(CETOP3) Modular Manifolds Parallel Connection Lateral Ports Four Section**		 **Weight: 2.44kg A1 A2 A3 A4 B1 B2 B3 B4 Port:3/8"BSPP Other porting is available** Dimensions in mm [inches]

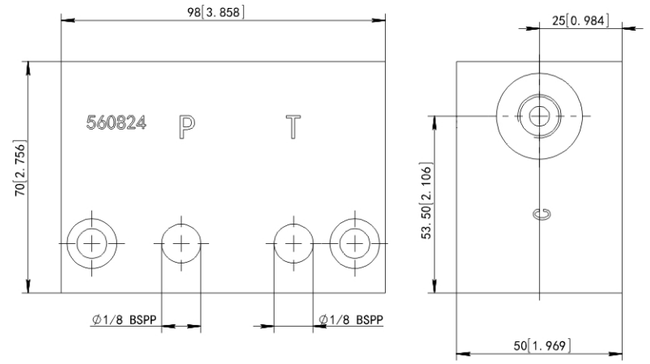
Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560342	**Two Section Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:3/8"BSPP** **Weight: 0.82kg** **C1 C2 Port:3/8"BSPP** **Other porting is available** Dimensions in mm [inches]
560783	**Hand Pump Manifold for 7/8-14 UNF Cartridges Two Way, Two Position Suit with 500103/500212**		 **Weight: 0.49kg** Dimensions in mm [inches]
560825	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/4"BSPP** **Weight: 0.61kg** **C Port:3/8"BSPP** **Other porting is available** Dimensions in mm [inches]
560826	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/4"BSPP** **Weight: 0.58kg** **C C1 Port:1/4"BSPP** **Other porting is available** Dimensions in mm [inches]

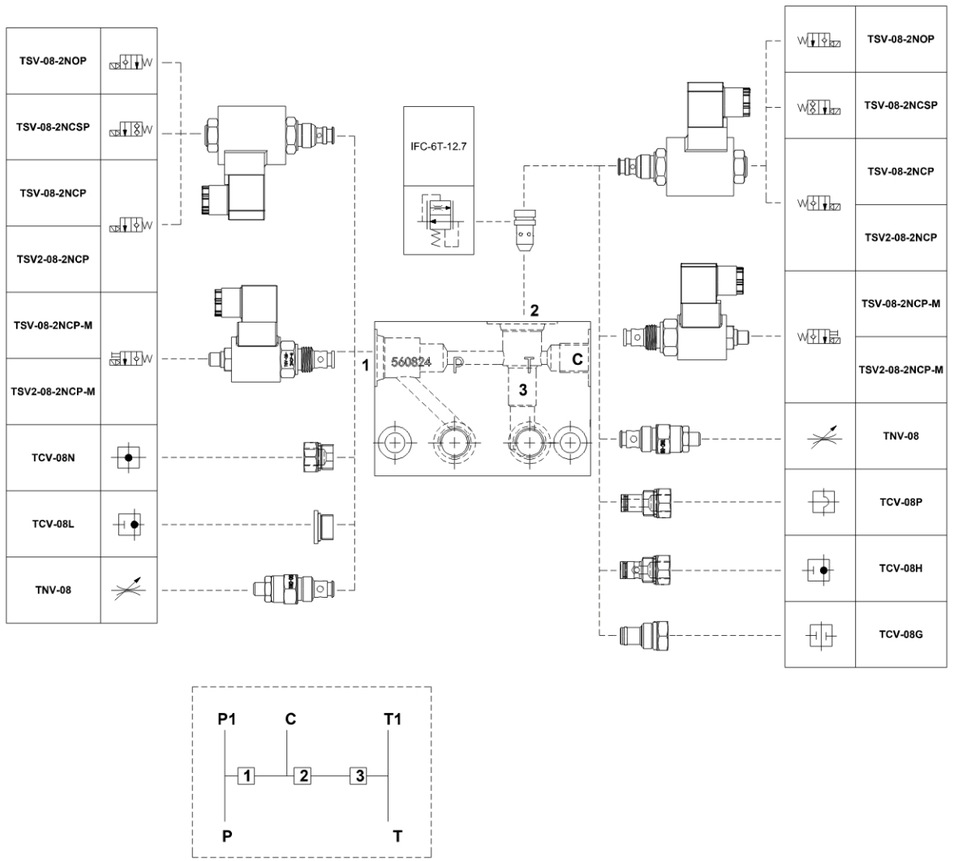
Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560821	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/4"BSPP** **Weight: 0.61kg** **C Port:1/4"BSPP** **Other porting is available** Dimensions in mm [inches]
560822	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/4"BSPP** **Weight: 0.59kg** **C Port:1/4"BSPP** **Other porting is available** Dimensions in mm [inches]
560823	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/4"BSPP** **Weight:0.59kg** **C Port:1/4"BSPP** **Other porting is available** Dimensions in mm [inches]

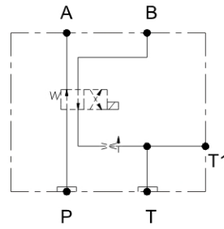
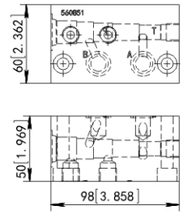
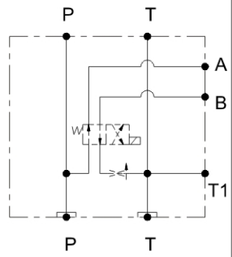
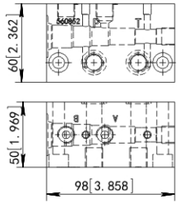
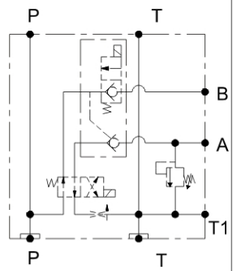
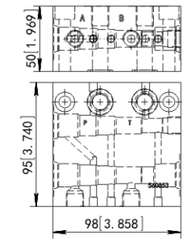
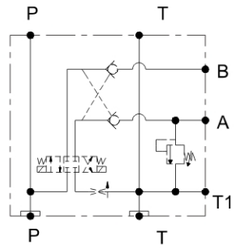
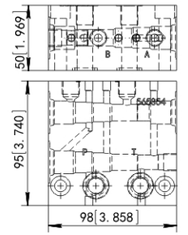
Stacking Manifold Block:560824



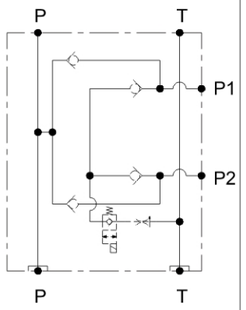
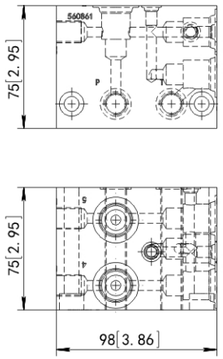
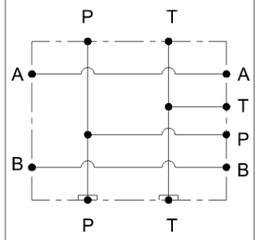
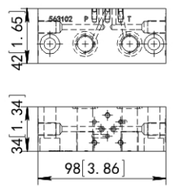
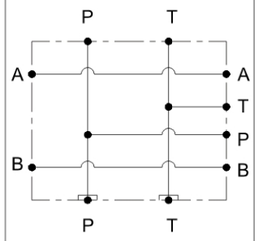
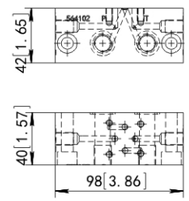
C Port:1/4"BSPP
Other porting is available
Dimensions in mm [inches]
Weight: 0.86kg



Stacking Manifold Block

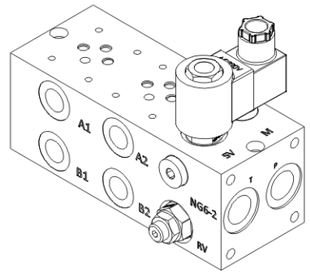
ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560851	**Modular Block for Double Acting Circuit with Four Way Cartridge Solenoid Valve**		 **A B T1 Port:1/4"BSPP** **Weight: 0.74kg** Dimensions in mm [inches]
560852	**Modular Block for Double Acting Circuit with Four Way Cartridge Solenoid Valve**		 **P T A B T1 Port:1/4"BSPP** **Weight: 0.72kg** Dimensions in mm [inches]
560853	**Tank Side Modular Block for Double Acting Circuit with Four Way Cartridge Solenoid Valve and Pilot Operated Check valves**		 **P T A B T1 Port:1/4"BSPP** **Weight: 1.14kg** Dimensions in mm [inches]
560854	**Motor Side Modular Block for Double Acting Circuit with Four Way Cartridge Solenoid Valve and Pilot Operated Check valves**		 **P T A B T1 Port:1/4"BSPP** **Weight: 1.14kg** Dimensions in mm [inches]

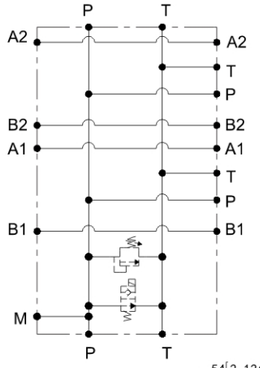
Stacking Manifold Block

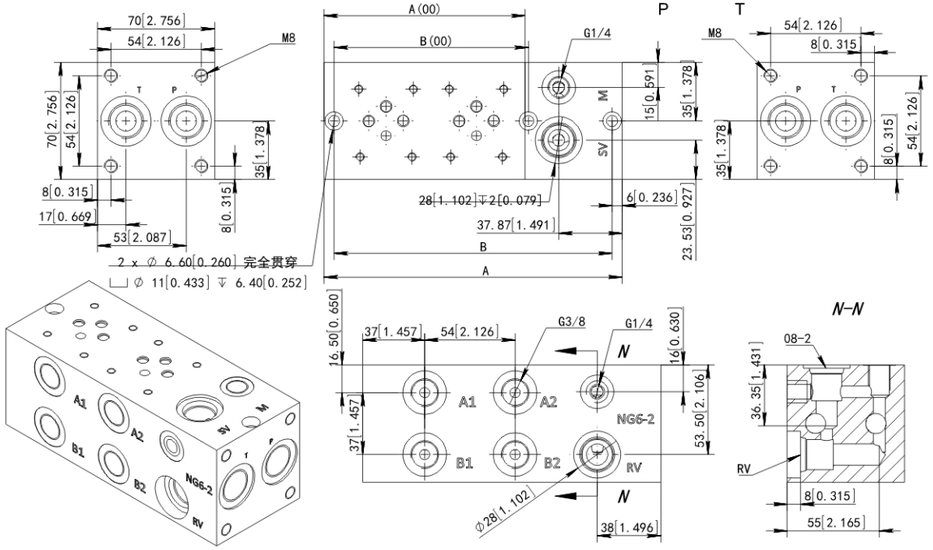
ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
560861	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/4"BSPP** **Weight: 1.35kg** **P1 P2 Port:3/8"BSPP** **Other porting is available** Dimensions in mm [inches]
563102	**NG3(CETOP3) Modular Manifolds Parallel Connection Lateral Ports**		 **P T Port:1/4"BSPP** **Weight: 0.35kg** **A B Port:1/8"BSPP** **Other porting is available** Dimensions in mm [inches]
564102	**NG4(CETOP3) Modular Manifolds Parallel Connection Lateral Ports**		 **P T Port:1/4"BSPP** **Weight: 0.41kg** **A B Port:1/8"BSPP** **Other porting is available** Dimensions in mm [inches]

Standard Manifolds:D03/CETOP 03

NG06-02-08-1-1







RV	CODE	NG06-01	NG06-02	NG06-03	NG06-04	NG06-05	NG06-06	NG06-07	NG06-08	NG06-09	NG06-10
08/10/20	A mm[in]	124 [4.88]	178 [7.01]	232 [9.13]	286 [11.26]	340 [13.39]	394 [15.51]	448 [17.64]	502 [19.76]	556 [21.89]	610 [24.02]
	B mm[in]	112 [4.41]	166 [6.54]	220 [8.66]	274 [10.79]	328 [12.91]	382 [15.04]	436 [17.17]	490 [19.29]	544 [21.42]	598 [23.54]
00	A(00) mm[in]	74 [2.91]	128 [5.04]	182 [7.17]	236 [9.29]	290 [11.42]	344 [13.54]	398 [15.67]	452 [17.80]	506 [19.92]	560 [22.05]
	B(00) mm[in]	62 [2.44]	116 [4.57]	170 [6.69]	224 [8.82]	278 [10.94]	332 [13.07]	386 [15.20]	440 [17.32]	494 [19.45]	548 [21.57]

NG06-__-__-_-_-_

Mounting Positions:01-10

00=No valve hole
08=Relief valve hole is 08-2
10=Relief valve hole is 10-2
20=Relief valve hole is M20

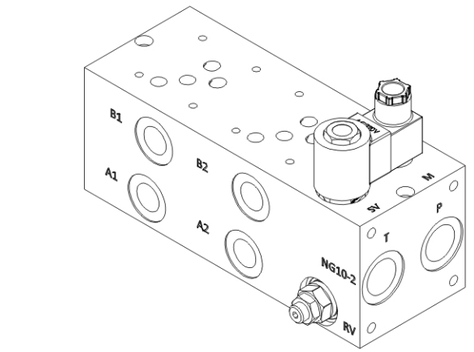
0=Without Relief Valve
1=With Relief Valve

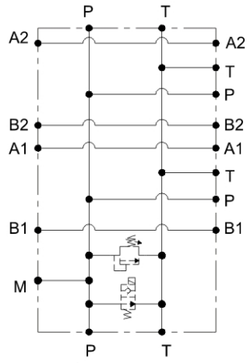
0=Without Solenoid Valve
1=With Solenoid Valve

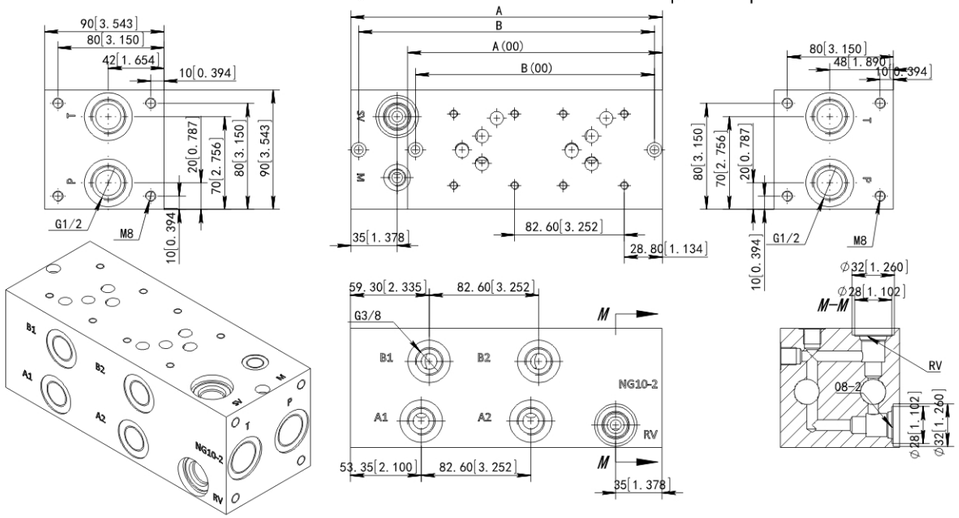
BODY PORTING
A=G1/4
B=G3/8
C=SAE6#
D=SAE8#
Other Porting is Available

Standard Manifolds:D05/CETOP 05

NG10-02-1-1







RV	CODE	NG10-01	NG10-02	NG10-03	NG10-04	NG10-05	NG10-06	NG10-07	NG10-08	NG10-09	NG10-10
08/10/26	A (mm [in])	152.4 [6]	235 [9.25]	317.6 [12.50]	400.2 [15.75]	482.8 [19.00]	565.4 [22.26]	648 [25.51]	730.6 [28.76]	813.2 [32.02]	895.8 [35.27]
	B (mm [in])	140.4 [5.53]	223 [8.78]	305.6 [12.03]	388.2 [15.28]	470.8 [18.54]	553.4 [21.79]	636 [25.04]	718.6 [28.29]	801.2 [31.54]	883.8 [34.80]
00	A(00) (mm [in])	112.4 [4.43]	195 [7.68]	277.6 [10.93]	360.2 [14.18]	442.8 [17.43]	525.4 [21.69]	608 [23.94]	690.6 [27.19]	773.2 [30.44]	855.8 [33.69]
	B(00) (mm [in])	100.4 [3.95]	183 [7.20]	265.6 [10.46]	348.2 [13.71]	430.8 [16.96]	513.4 [20.21]	596 [23.46]	678.6 [26.72]	761.2 [29.97]	843.8 [33.22]

NG10-__-__-_-_-_

Mounting Positions:01-10

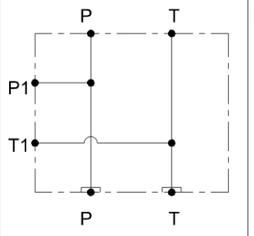
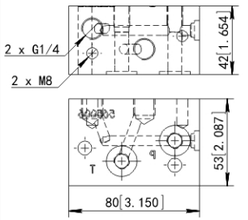
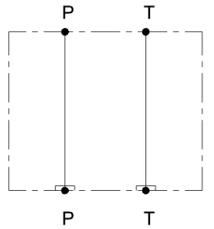
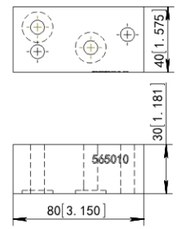
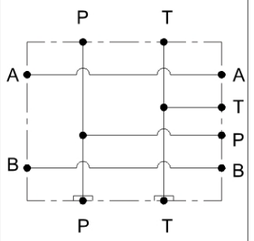
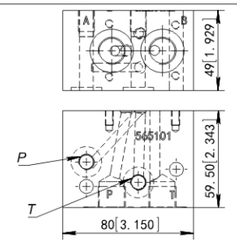
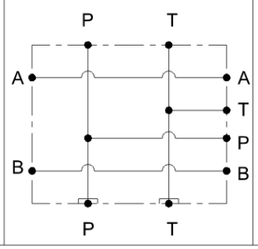
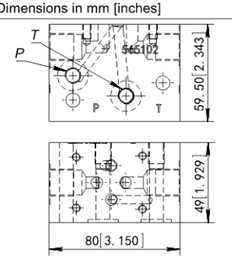
00=No valve hole
08=Relief valve hole is 08-2
10=Relief valve hole is 10-2
26=Relief valve hole is M26x1.5

0=Without Relief Valve
1=With Relief Valve

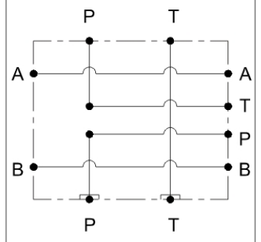
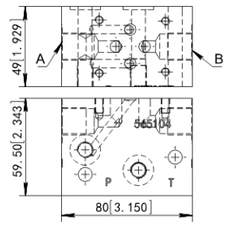
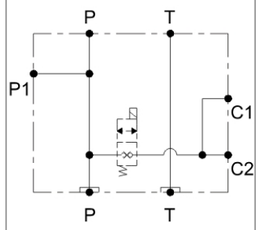
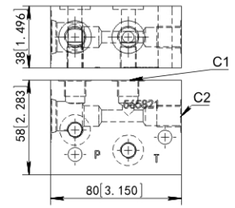
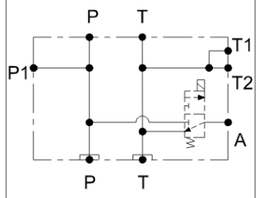
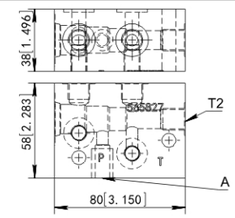
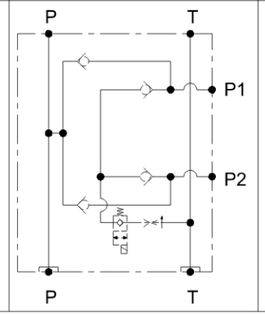
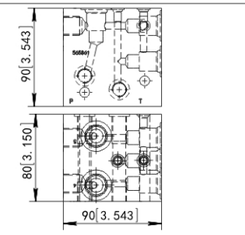
0=Without Solenoid Valve
1=With Solenoid Valve

BODY PORTING
A=G1/4
B=G3/8
C=SAE6#
D=SAE8#
Other Porting is Available

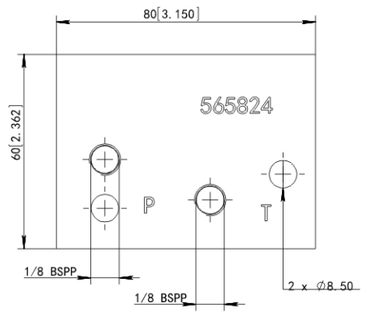
Stacking Manifold Block

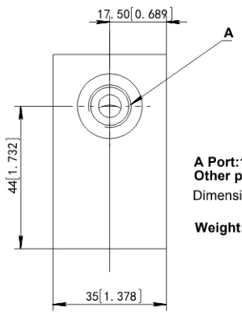
ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
565006	Motor Side 90° Rotation Manifold		 **P T Port:1/8"BSPP** **P1 T1 Port:1/4"BSPP** **Weight: 0.44kg** Dimensions in mm [inches]
565010	Spacer Manifold Adapter		 **Weight: 0.25kg** Dimensions in mm [inches]
565101	NG6(CETOP3) Modular Manifolds Parallel Connection Rear Ports		 **P T Port:1/8"BSPP** **A B Port:3/8"BSPP** **Other porting is available** **Weight: 0.58kg** Dimensions in mm [inches]
565102	NG6(CETOP3) Modular Manifolds Parallel Connection Lateral Ports		 **P T Port:1/8"BSPP** **A B Port:3/8"BSPP** **Other porting is available** **Weight: 0.58kg** Dimensions in mm [inches]

Stacking Manifold Block

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
565104	**NG6(CETOP3) Modular Manifolds, Series connection Lateral Ports**		 **P T Port:1/8"BSPP** **A B Port:3/8"BSPP** **Weight: 0.60kg** **Other porting is available** Dimensions in mm [inches]
565821	**Modular Manifold for 3/4-16 UNF Cartridges, Two Way, Two Position**		 **P T Port:1/8"BSPP** **P1 C1 Port:1/4"BSPP** **Weight: 0.42kg** **C2 Port:3/8"BSPP** **Other porting is available** Dimensions in mm [inches]
565827	**Modular Manifold for 3/4-16 UNF Cartridges, Three Way, Two Position**		 **P T A Port:1/8"BSPP** **Weight: 0.41kg** **Other Port:1/4"BSPP** **Other porting is available** Dimensions in mm [inches]
565861	**Modular Manifold for 3/4-16 UNF Cartridges, TWO Way, Two Position**		 **P T Port:1/8"BSPP** **P1 P2 Port:3/8"BSPP** **Weight: 1.57kg** **Other porting is available** Dimensions in mm [inches]

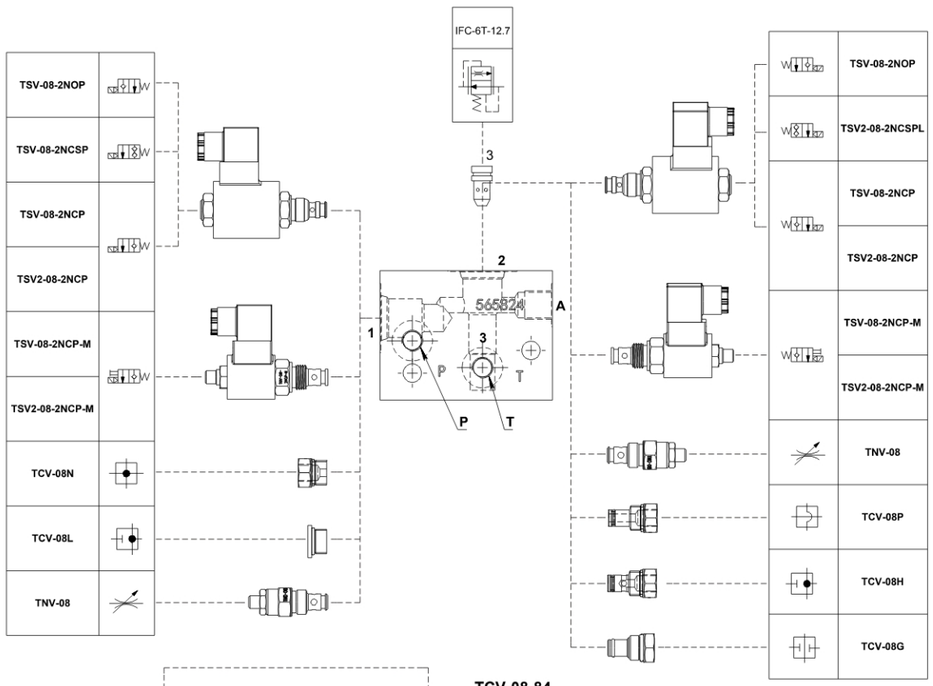
Stacking Manifold Block:565824

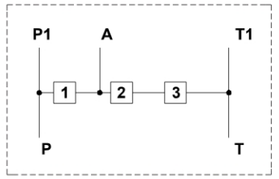




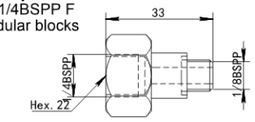
A Port:1/4"BSPP
Other porting is available
Dimensions in mm [inches]

Weight: 0.39kg

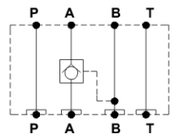
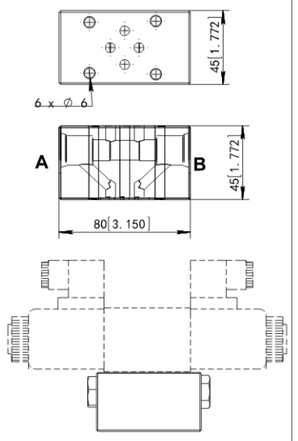
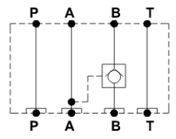
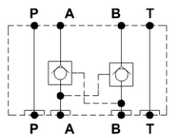
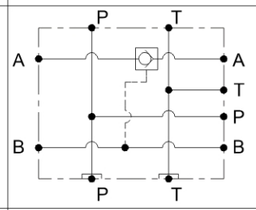
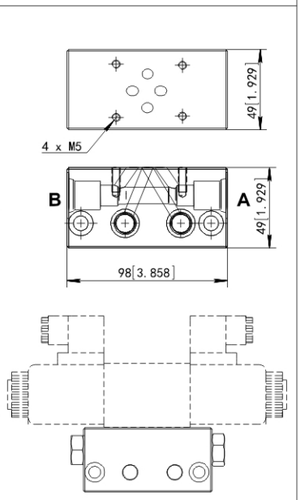
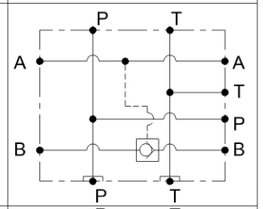
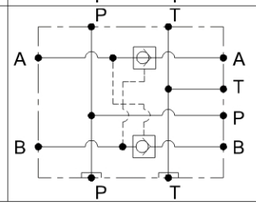




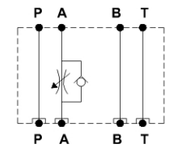
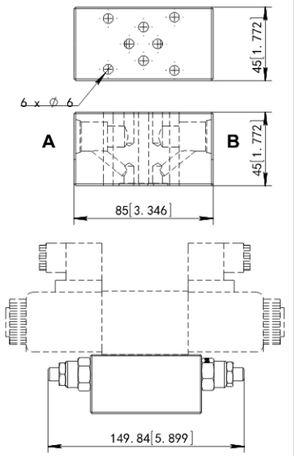
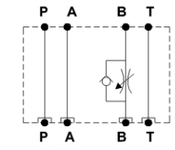
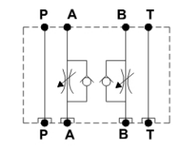
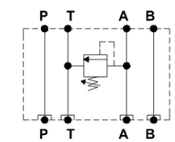
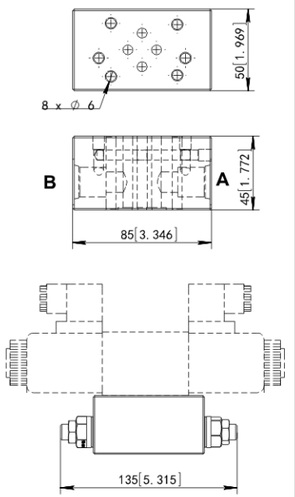
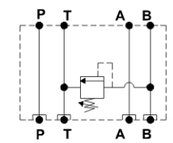
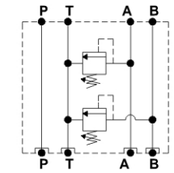
TCV-08-84
Opting P port:
P port 1/4BSPP F
for modular blocks



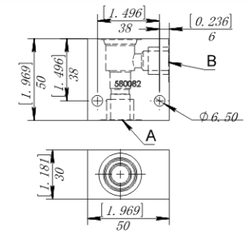
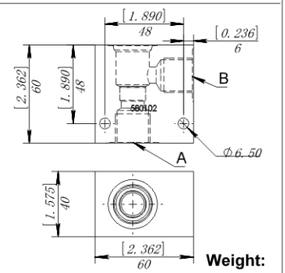
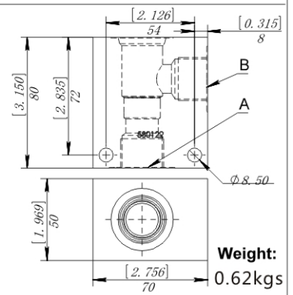
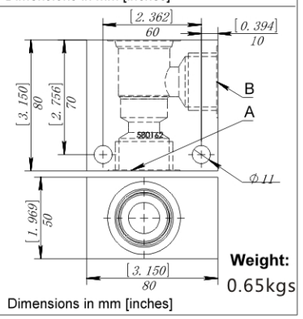
Stacking Manifold Block Valves

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
569061-A	Sandwich Type Pilot Operated Check Valves A Port		
569061-B	Sandwich Type Pilot Operated Check Valves B Port		
569061-W	Sandwich Type Pilot Operated Check Valves A B Ports		Manifold:569061 Weight: 0.40kg Dimensions in mm [inches]
569062-A	A Side Sandwich Type Pilot Operated Check Valves With Lateral Ports		
569062-B	B Side Sandwich Type Pilot Operated Check Valves With Lateral Ports		
569062-W	A B Side Sandwich Type Pilot Operated Check Valves With Lateral Ports		Manifold:569062 Weight: 0.45kg Dimensions in mm [inches]

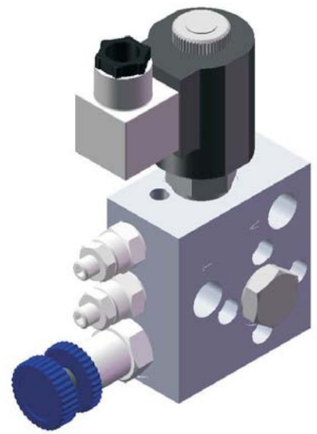
Stacking Manifold Block Valves

ORDER CODE	DESCRIPTION	SYMBOL	DIMENSIONS
569063-A	Sandwich Block with Flow Regulator Valve for NG6(CETOP3) Modular Valve		
569063-B			
569063-W			Manifold:569063 Weight: 0.40kg Dimensions in mm [inches]
569064-A	Sandwich Block with Relief Valve for NG6(CETOP3) Modular Valve		
569064-B			
569064-W			Manifold:569064 Weight: 0.40kg Dimensions in mm [inches]

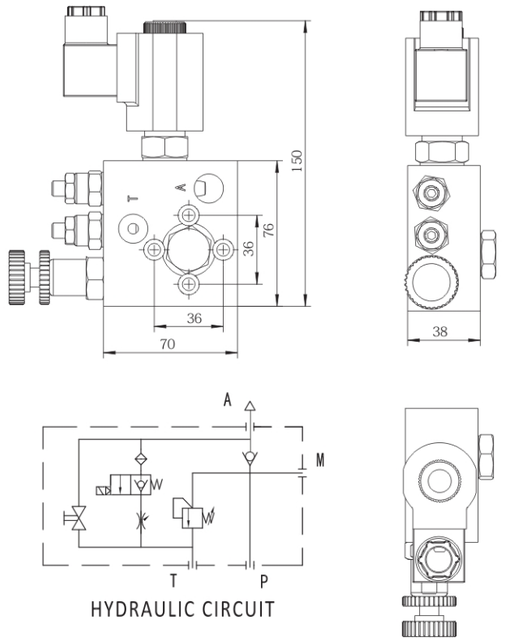
Manifold Block

ORDER CODE	DESCRIPTION 1	DESCRIPTION 2	DIMENSIONS
580082	**In line assembly manifold for 2 way 3/4" - 16 UNF (SAE08) cartridege valves (1/4" BSP outlet ports)**	**A B Port:1/4"BSPP Other porting is available**	 **Weight:** 0.17kgs Dimensions in mm [inches]
580102	**In line assembly manifold for 2 way 7/8" - 14 UNF (SAE10) cartridege valves (1/2" BSP outlet ports)**	**A B Port:1/2"BSPP Other porting is available**	 **Weight:** 0.33kgs Dimensions in mm [inches]
580122	**In line assembly manifold for 2 way 1 1/16" - 12 UN (SAE12) cartridege valves (3/4" BSP outlet ports)**	**A B Port:3/4"BSPP Other porting is available**	 **Weight:** 0.62kgs Dimensions in mm [inches]
580162	**In line assembly manifold for 2 way 1 5/16" - 12 UN (SAE16) cartridege valves (1" BSP outlet ports)**	**A B Port:1"BSPP Other porting is available**	 **Weight:** 0.65kgs Dimensions in mm [inches]

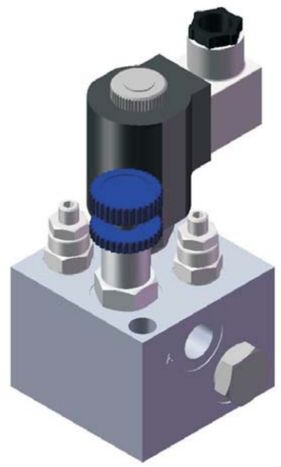
Hydraulic Lift Valve



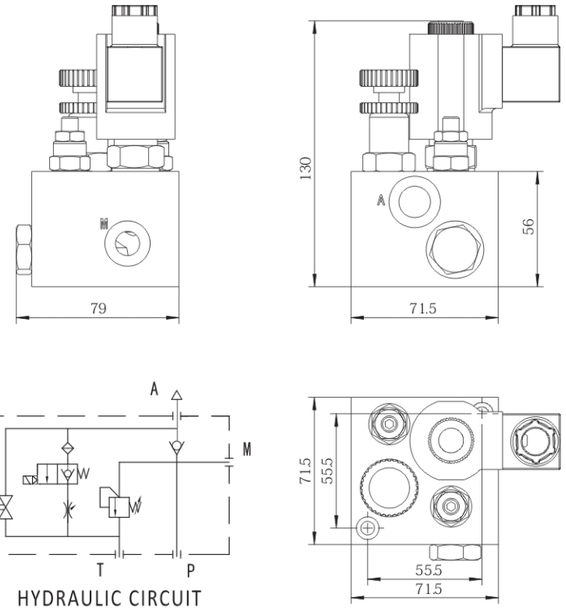
KVS-01



HYDRAULIC CIRCUIT



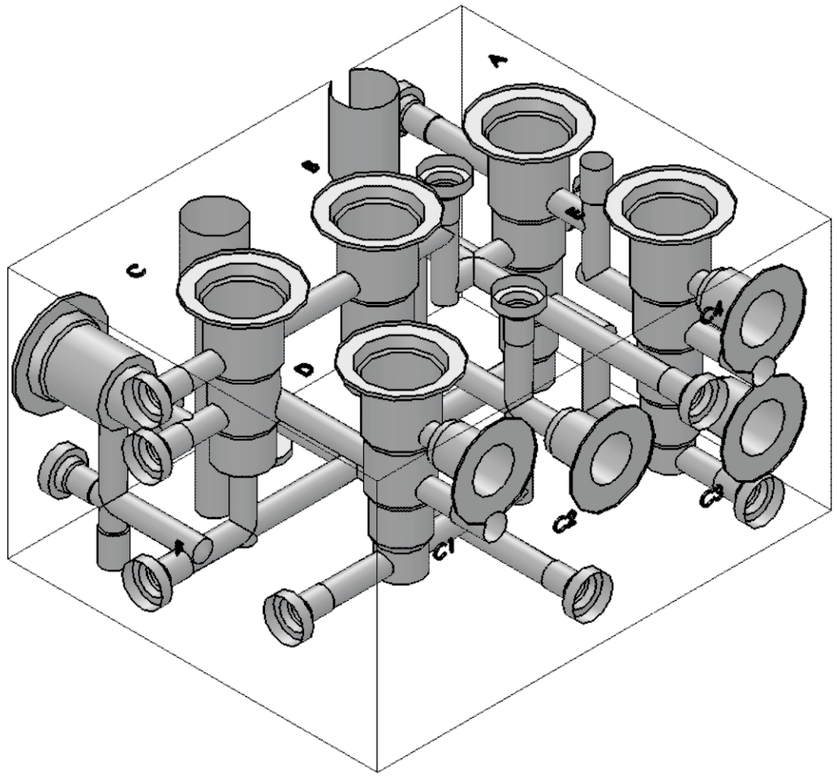
KVS-02



HYDRAULIC CIRCUIT

Central Manifold

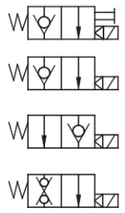
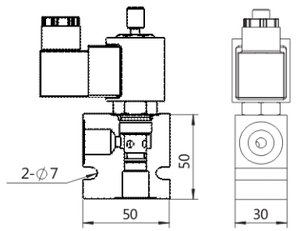
Manifolds can be customized to meet unique application requirement

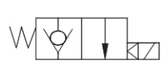
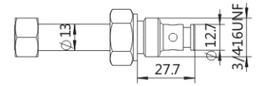
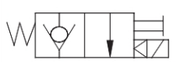
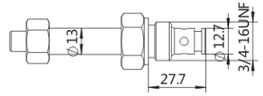
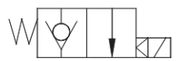
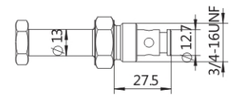
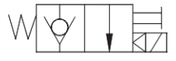
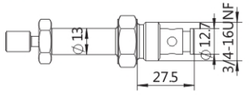
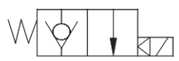
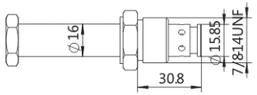
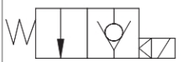
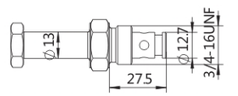
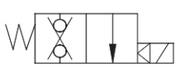
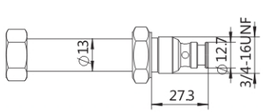


Material : Anodized 6061-T6 aluminum

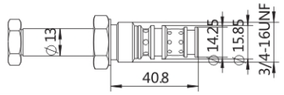
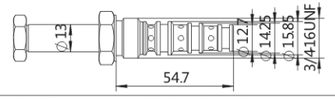
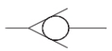
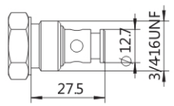
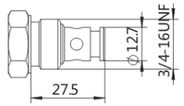
Cavity : Industry Standard Common Cavity

Cartridge Valve

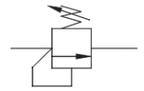
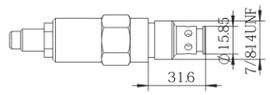
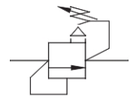
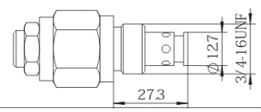
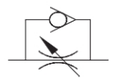
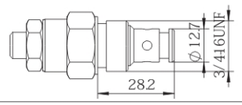
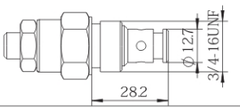
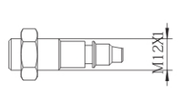
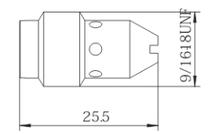
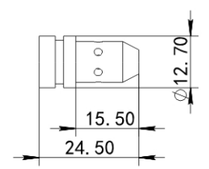
Solenoid Vavle					
Coil Voltage	DC12V	DC24V	DC48V	AC110V	AC220V
Design					
Cavity	08 Size 10 Size	Operating Pressure	207bar	Flow	30L/min 60L/min
SYMBOL		 INOUT:3/8"BSPP			

CODE	DECRIPTION	SYMBOL	DIMENSIONS
TSV-08-2NCP	Normally-Closed Two-Way Two-Position CartridgeSolenoidValve		
TSV-08-2NCP-M			
TSV2-08-2NCP			
TSV2-08-2NCP-M			
TSV-10-2NCP			
TSV-08-2NOP	Normally-Open Two-Way CartridgeSolenoidValve CartridgeSolenoidValve		
TSV2-08-2NCSPL	Normally-Closed Two-Way Two-Position Bi-Directiongal CartridgeSolenoidValve		

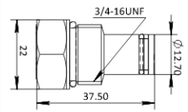
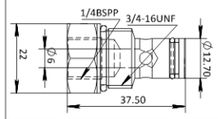
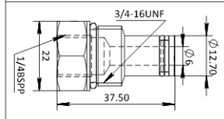
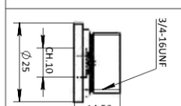
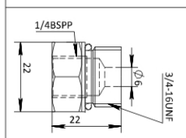
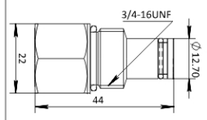
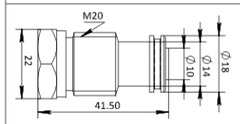
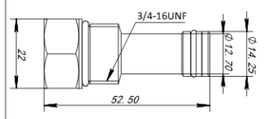
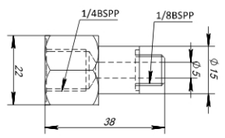
Cartridge Valve

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 CartridgeCheckValve		
TCV2-08	Direct-Acting Ball-Type CartridgeCheckValve		
TRV-08-5	0~50bar		
TRV-08-16	20-160bar		
TRV-08-25	80-250bar		
TRV2-08-6	20-100bar		
TRV2-08-23	50-250bar		
TRV-SAE8	Adjustable Direct-Acting Cartidge Relief Valve		
TRV3-08			
TADRV2-08			

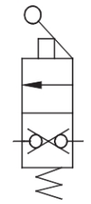
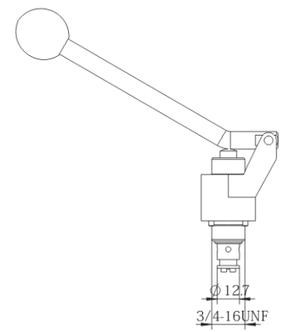
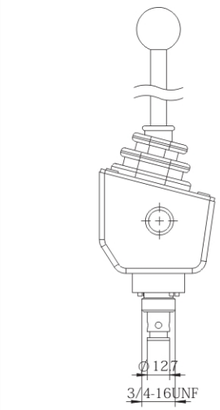
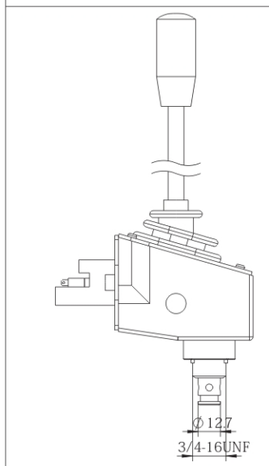
Cartridge Valve

CODE	DESCRIPTION	SYMBOL	DIMENSIONS
TADRV2-10	Adjustable Direct Acting Cartige Relief Valve		
TPSRV-08	Adjustable Pilot-Operated Cartige Relief Valve		
TFC-08	Adustable CartridgeOne-Way FlowControlValve		
TNV-08	Flow Control Valve		
TV-M12X1			
IFC-6T	Regulator Pressure -CompensatedFlow ControlValvein-line 1L/min 2L/min 3L/min 4L/min 5L/min 6L/min 7L/min 8L/min 9L/min 10L/min		
IFC-6T-12.7			

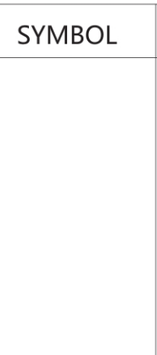
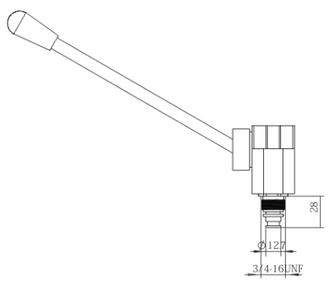
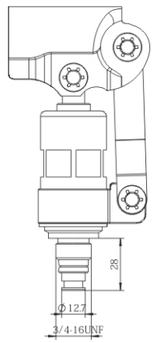
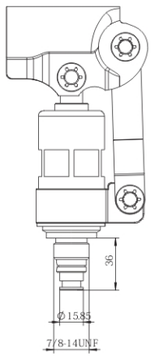
Cartridge Valve

	Hydraulic symbol	Model	Cavity
		TCV-08G	08-2
		TCV-08H	08-2
		TCV-08P	08-2
		TCV-08L	08-2
		TCV-08N	08-2
		TCV-08XP	08-2
		TCV-M20G	M20
		TCV-08-4G	08-4
		TCV-08-84	G1/8

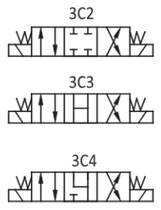
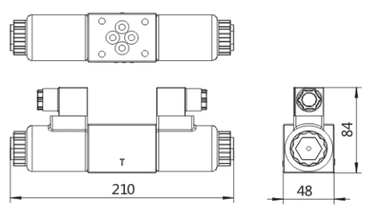
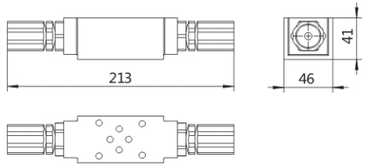
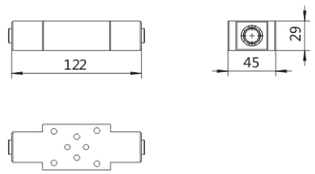
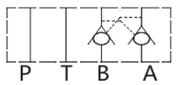
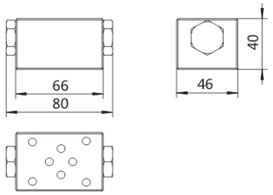
Cartridge Valve

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

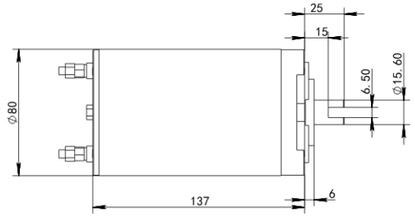
Cartridge Hand Pump

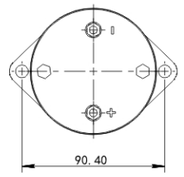
CODE	DESCRIPTION	SYMBOL	DIMENSIONS
THP2-08	Hand Pump 2cc/stroke		
THP-08	Hand Pump 7cc/stroke		
THP-10	Hand Pump 9cc/stroke		

Stacked Valve

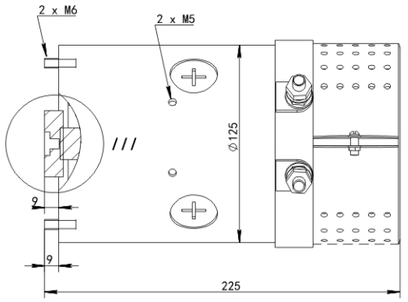
Solenoid Vavle					
CoilVoltage	DC12V	DC24V	DC48V	AC110V	AC220V
Design					
CODE	DSG-02-*	Operating Pressure	315bar	Flow	60L/min
SYMBOL			DIMENSIONS: 		
CODE	DECRIPTION	SYMBOL	DIMENSIONS		
MTC-02W	Stacked Unidiertionnal Throttle Valve				
Z2FS6					
Z2S6	Modular Pilot Operated Check Valve				

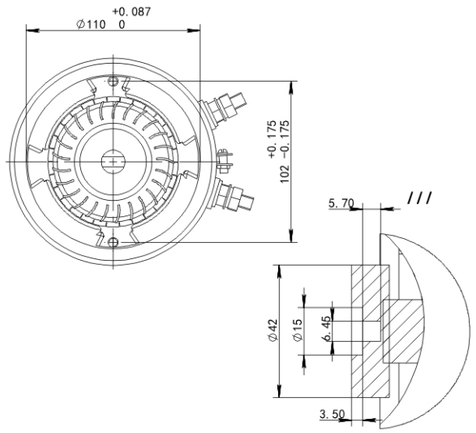
Motor





Order Code	Description	Work Duty	Speed	coupling	Rotation
DM1205-0	DC12V 0.5KW	S3	5400rpm	P:A022	CW: (Clockwise) or CCW: (Counterclock wise)
DM1205-1	DC12V 0.5KW +thermal protection	S3	5400rpm	P:A022	
DM2405-0	DC24V 0.5KW	S3	7080rpm	P:A022	
DM2405-1	DC24V 0.5KW +thermal protection	S3	7080rpm	P:A022	
DM1208-0	DC12V 0.8KW	S3	4900rpm	P:A022	
DM1208-1	DC12V 0.8KW +thermal protection	S3	4900rpm	P:A022	
DM2408-0	DC24V 0.8KW	S3	6000rpm	P:A022	
DM2408-1	DC24V 0.8KW +thermal protection	S3	6000rpm	P:A022	

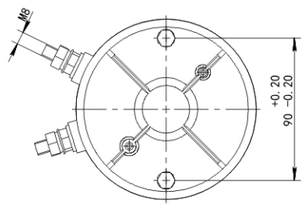


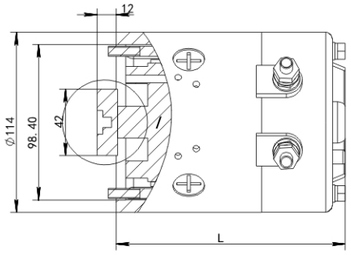


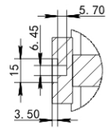
Other 35 is Availaber

Order Code	Description	Work Duty	Speed	Coupling	Rotation
DM1225-0	DC12V 2.5KW	S2:3min S3:10%ED	2620rpm	P:A022	CW: (Clockwise) or CCW: (Counterclock wise)
DM1225-1	DC12V 2.5KW +thermal protection	S2:3min S3:10%ED	2620rpm	P:A022	
DM2425-0	DC24V 2.5KW	S2:3min S3:10%ED	3440rpm	P:A022	
DM2425-1	DC24V 2.5KW +thermal protection	S2:3min S3:10%ED	3440rpm	P:A022	
DM1230-0	DC12V 3.0KW	S2:3min S3:10%ED	2340rpm	P:A022	
DM1230-1	DC12V 3.0KW +thermal protection	S2:3min S3:10%ED	2340rpm	P:A022	
DM2430-0	DC24V 3.0KW	S2:3min S3:10%ED	3250rpm	P:A022	
DM2430-1	DC24V 3.0KW +thermal protection	S2:3min S3:10%ED	3250rpm	P:A022	

Motor

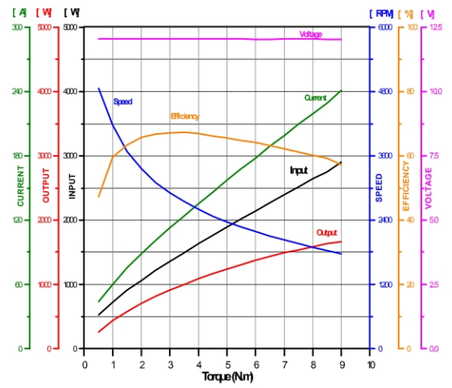


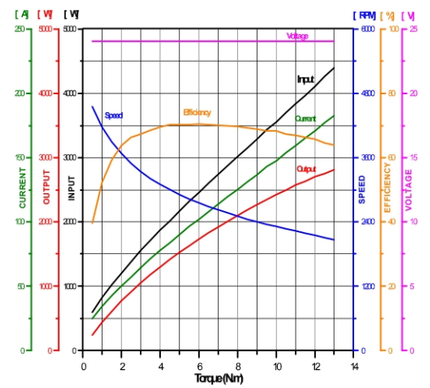




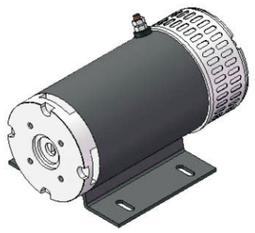
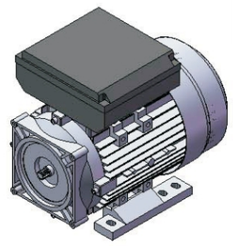
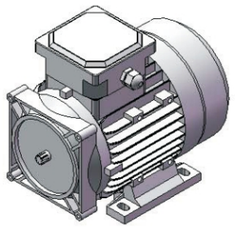
Other 35 is Availaber

Order Code	Description	Work Duty	Speed	L	Coupling	Rotation
DM1216-9-0	DC12V 1.6KW Nine-tooth	S2:3min S3:10%ED	2600rpm	177mm	P:A022	CW: (Clockwise) or CCW: (Counterclock wise)
DM1216-0	DC12V 1.6KW	S2:3min S3:10%ED	2600rpm	165mm	P:A022	
DM1216-9-1	DC12V 1.6KW +thermal protection Nine-tooth	S2:3min S3:10%ED	2600rpm	177mm	P:A022	
DM1216-1	DC12V 1.6KW +thermal protection	S2:3min S3:10%ED	2600rpm	165mm	P:A022	
DM2416-9-0	DC24V 1.6KW Nine-tooth	S2:3min S3:10%ED	3343rpm	177mm	P:A022	
DM2416-0	DC24V 1.6KW	S2:3min S3:10%ED	3343rpm	165mm	P:A022	
DM2416-9-1	DC24V 1.6KW +thermal protection Nine-tooth	S2:3min S3:10%ED	3343rpm	177mm	P:A022	
DM2416-1	DC24V 1.6KW +thermal protection	S2:3min S3:10%ED	3343rpm	165mm	P:A022	
DM1220-9-0	DC12V 2.0KW Nine-tooth	S2:3min S3:10%ED	2275rpm	177mm	P:A022	
DM1220-0	DC12V 2.0KW	S2:3min S3:10%ED	2275rpm	165mm	P:A022	
DM1220-9-1	DC12V 2.0KW +thermal protection Nine-tooth	S2:3min S3:10%ED	2275rpm	177mm	P:A022	
DM1220-1	DC12V 2.0KW +thermal protection	S2:3min S3:10%ED	2275rpm	165mm	P:A022	
DM2420-9-0	DC24V 2.0KW Nine-tooth	S2:3min S3:10%ED	3030rpm	177mm	P:A022	
DM2420-0	DC24V 2.0KW	S2:3min S3:10%ED	3030rpm	165mm	P:A022	
DM2420-9-1	DC24V 2.0KW +thermal protection Nine-tooth	S2:3min S3:10%ED	3030rpm	177mm	P:A022	
DM2420-1	DC24V 2.0KW +thermal protection	S2:3min S3:10%ED	3030rpm	165mm	P:A022	

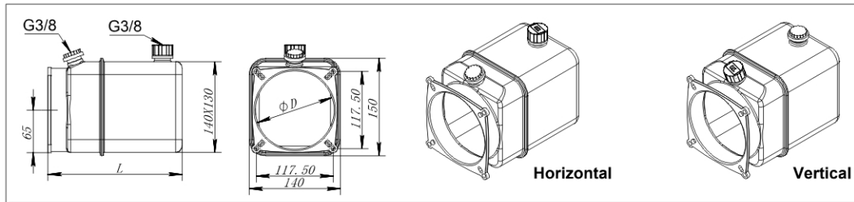




Motor

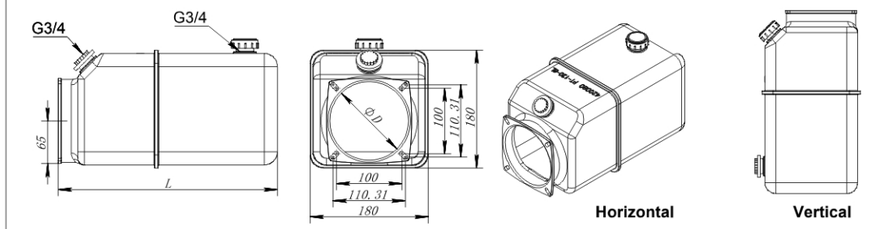
DIMENSIONS	DESCRIPTION
POWER / CODE 3.0KW / DM06 	VOLTAGE:DC24V POWER:3.0KW SPEED:3000rpm MOTOR ROTATION: CW DUTY:S3 INGRESS PROTECTION:IP54
POWER / CODE 0.75KW / AM01 1.1KW / AM02 1.5KW / AM03 2.2KW / AM04 3.0KW / AM05 	VOLTAGE : AC220V/AC230V POWER:0.75KW,1.1KW,1.5KW, 2.2KW,3.0KW POLE NO.: 2 , 4 FREQUENCY:50HZ,60HZ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

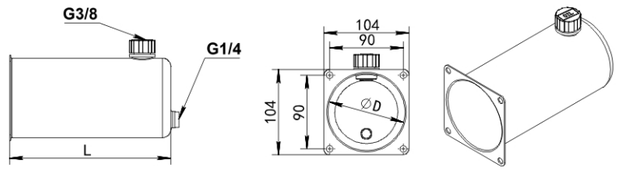
ORDER CODE	Model	ϕD(mm)	L(mm)	Volume(L)	Description
420015	PT-120-1.5L	120	140	1.5	1.Surface Color: White 2."H"Type:Horizontal "V"Type:Vertical 3.Air Breather And Plug Include
420025	PT-120-2.5L	120	210	2.5	
420038	PT-120-3.8L	120	285	3.8	
423015	PT-123-1.5L	123	140	1.5	
423025	PT-123-2.5L	123	210	2.5	
423038	PT-123-3.8L	123	285	3.8	



Plastic Oil Tank

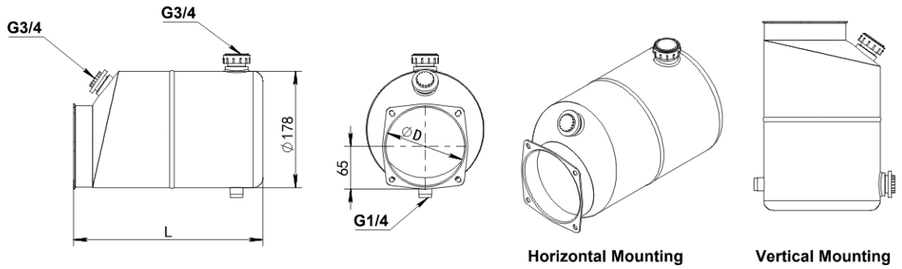
ORDER CODE	Model	ϕD(mm)	L(mm)	Volume(L)	Description
420040	PT-120-4L	120	200	4	1.Surface Color: White 2."H"Type:Horizontal "V"Type:Vertical 3.Air Breather And Plug Include
420050	PT-120-5L	120	260	5	
420070	PT-120-7L	120	290	7	
420080	PT-120-8L	120	335	8	
420110	PT-120-11L	120	440	11	
420130	PT-120-13L	120	550	13	
420180	PT-120-18L	120	700	18	
420240	PT-120-24L	120	1050	24	
423040	PT-123-4L	123	200	4	
423050	PT-123-5L	123	260	5	
423070	PT-123-7L	123	290	7	
423080	PT-123-8L	123	335	8	
423110	PT-123-11L	123	440	11	
423130	PT-123-13L	123	550	13	
423180	PT-123-18L	123	700	18	
423240	PT-123-24L	123	1050	24	

Tank



Steel Oil Tank

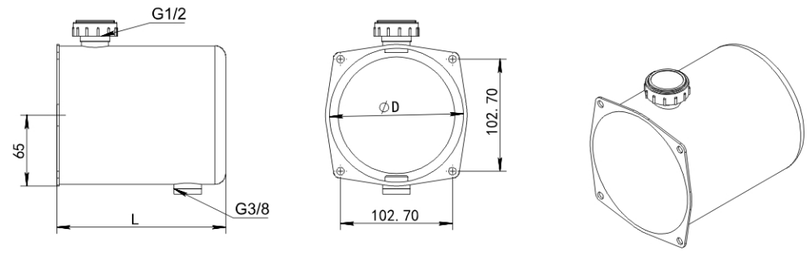
Order Code	Model	ϕD(mm)	L(mm)	Volume(L)	Description
329406-S	ST-94-0.6L	94	150	0.6	1. Surface Color Optional: Black Other Colors Can Be Customized 2. "H"Type:Horizontal 3. Air Breather And Plug Include
329412-S	ST-94-1.2L	94	197	1.2	
329420-S	ST-94-2.0L	94	330	2.0	
329425-S	ST-94-2.5L	94	400	2.5	



Steel Oil Tank

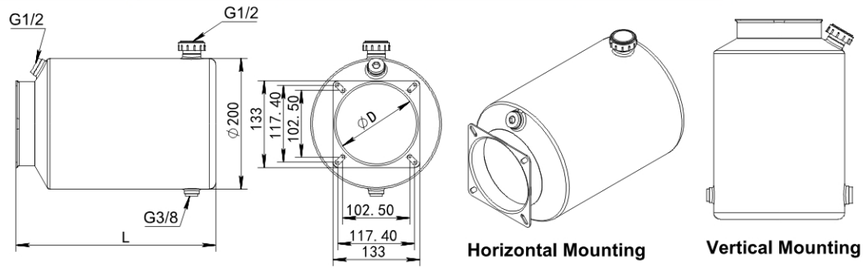
Order Code	Model	ϕD(mm)	L(mm)	Volume(L)	Description
320040	ST-120-4L	120	225	4	1. Surface Color Optional: Black Other Colors Can Be Customized 2. "H"Type:Horizontal 3. Air Breather And Plug Include
320050	ST-120-5L	120	265	5	
320060	ST-120-6L	120	290	6	
320080	ST-120-8L	120	365	8	
320100	ST-120-10L	120	435	10	
320120	ST-120-12L	120	545	12	
320150	ST-120-15L	120	650	15	
323040	ST-123-4L	123	225	4	
323050	ST-123-5L	123	265	5	
323060	ST-123-6L	123	290	6	
323080	ST-123-8L	123	365	8	
323100	ST-123-10L	123	435	10	
323120	ST-123-12L	123	545	12	
323150	ST-123-15L	123	650	15	

Tank



Steel Oil Tank

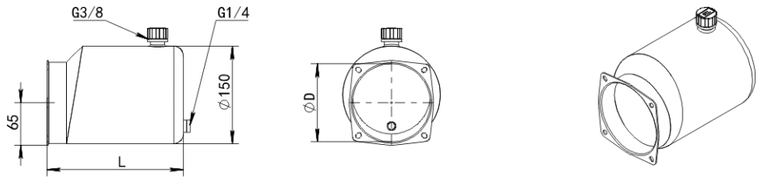
Order Code	Model	ϕD(mm)	L(mm)	Volume(L)	Description
320015-S	ST-120-1.5	120	155	1.5	1.Surface Color Optional: Black Other Colors Can Be Customized 2."H"Type: Horizontal "V"Type: Vertical 3.Air Breather And Plug Include
320025-S	ST-120-2.5	120	230	2.5	
323015-S	ST-123-1.5	123	155	1.5	
323025-S	ST-123-2.5	123	230	2.5	



Steel Oil Tank

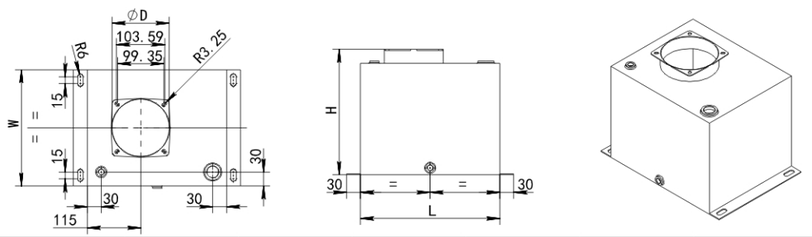
Order Code	Model	ϕD(mm)	L(mm)	Volume(L)	Description
320030-S	ST-120-3S*	120	150	3	
320050-S	ST-120-5S*	120	210	5	1.Surface Color Optional: Black 2."H"Type: Horizontal 3.Air Breather And Plug Include
320080-S	ST-120-8S*	120	300	8	
320100-S	ST-120-10S*	120	375	10	
320120-S	ST-120-12S*	120	440	12	
320150-S	ST-120-15S*	120	535	15	
323030-S	ST-123-3S*	123	150	3	
323050-S	ST-123-5S*	123	210	5	
323080-S	ST-123-8S*	123	300	8	
323100-S	ST-123-10S*	123	375	10	
323120-S	ST-123-12S*	123	440	12	
323150-S	ST-123-15S*	123	535	15	

Tank



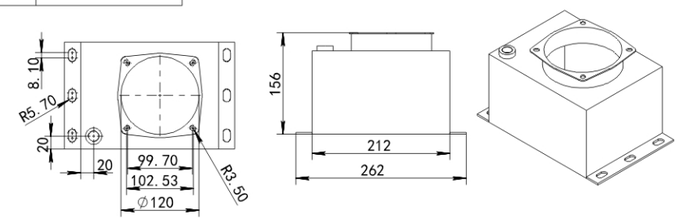
Steel Oil Tank

Order Code	Model	ϕD(mm)	L(mm)	Volume(L)	Description
320015	ST-120-150-1.5L	120	120	1.5	1. Surface Color Optional: Black Other Colors Can Be Customized 2. "H"Type:Horizontal 3. Air Breather And Plug Include
320030	ST-120-150-3L	120	197	3	
320045	ST-120-150-4.5L	120	310	4.5	
323015	ST-123-150-1.5L	123	120	1.5	
323030	ST-123-150-3L	123	210	3	
323045	ST-123-150-4.5L	123	310	4.5	



Order Code	ϕD(mm)	L(mm)	W(mm)	H(mm)	Volume(L)	Description
ST-120-15LV	120	300	250	270	15	1. Surface Color Optional: Red and Black 2. "V"Type:Vetical 3. Air Breather And Plug Include 4. Square Steel Tank
ST-120-20LV	120	300	300	280	20	
ST-120-30LV	120	350	300	330	30	
ST-123-15LV	123	300	250	270	15	
ST-123-20LV	123	300	300	280	20	
ST-123-30LV	123	350	300	330	30	

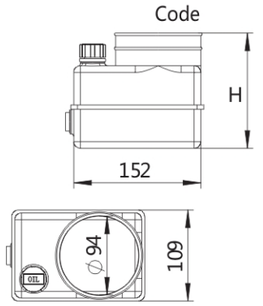
Code	SST-120-4LV
Volume	4L



1. Surface Color Optional: Red and Black
2. "V"Type:Vetical
3. Air Breather And Plug Include
4. Square Steel Tank

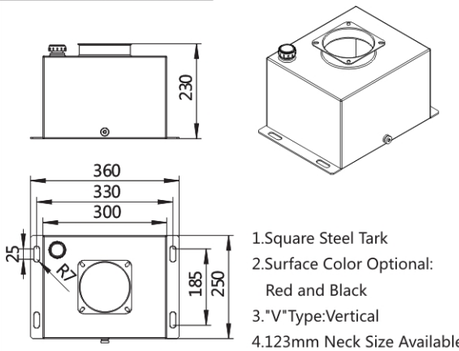
Tank

Code	PT-94-1L	PT-94-3L
Volume	1L	3L
High(cm)	138	265



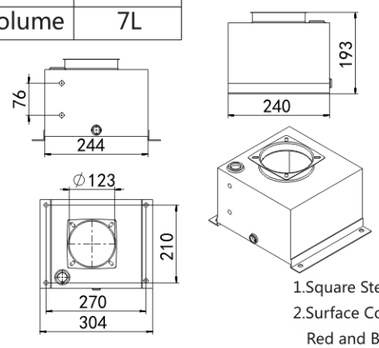
1.Plastic Oil Tark
2.Surface Color:White
3."H"Type:Horizental
"V"Type:Vertical

Code	SST-120-10LV
Volume	10L



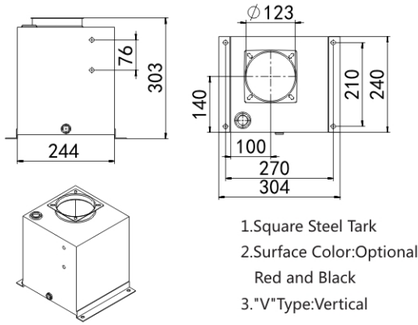
1.Square Steel Tark
2.Surface Color Optional:
Red and Black
3."V"Type:Vertical
4.123mm Neck Size Available

Code	SST-123-7LCV
Volume	7L



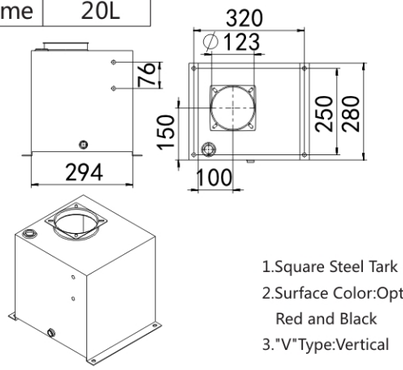
1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

Code	SST-123-15LCV
Volume	15L



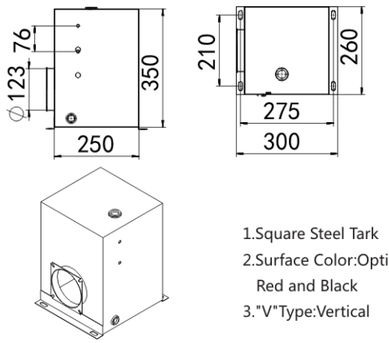
1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

Code	SST-123-20LCV
Volume	20L



1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

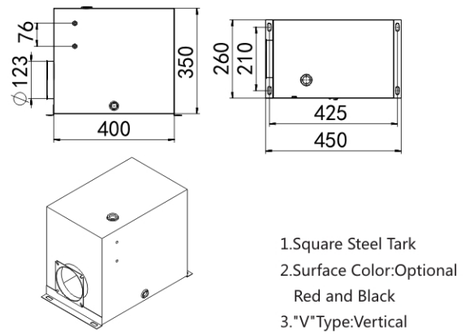
Code	SST-123-24LCH
Volume	24L



1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

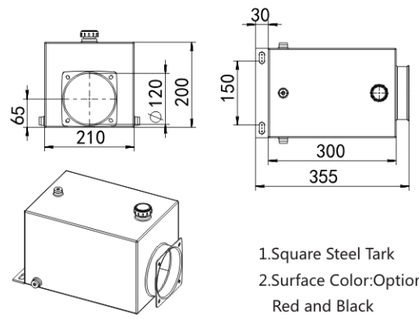
Tank

Code	SST-123-30LCH
Volume	30L



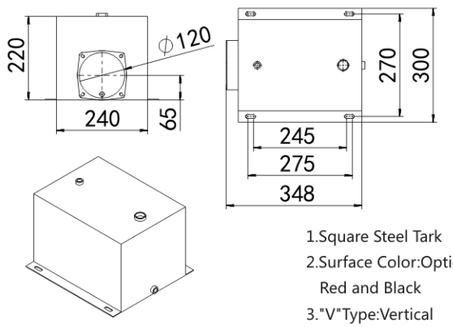
1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

Code	SST-120-12LH
Volume	12L



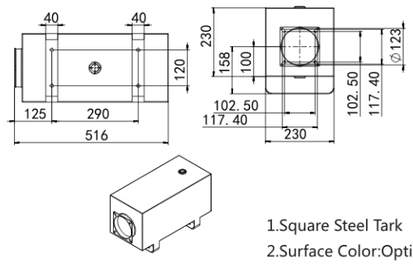
1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

Code	SST-120-17LH
Volume	17L



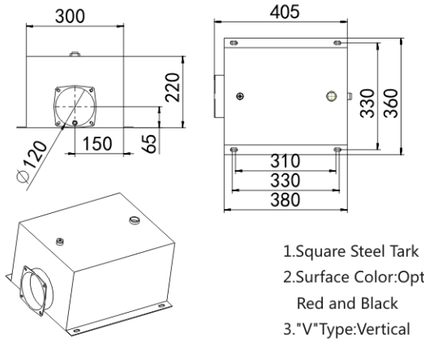
1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

Code	SST-123-25LH
Volume	25L

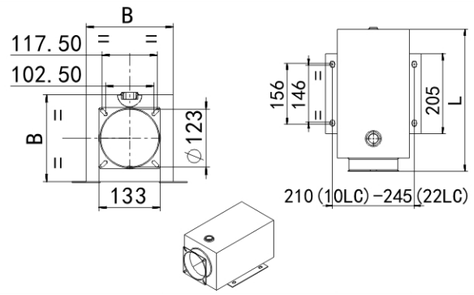


1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical

Code	SST-120-25LH
Volume	25L

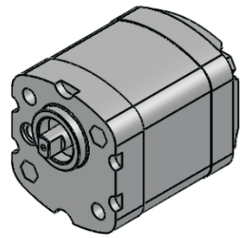


1.Square Steel Tark
2.Surface Color:Optional
Red and Black
3."V"Type:Vertical



CODE	Description	Assembly code	L (mm)	B (mm)
SST-123-10LCH	10L square horiz./vert mounting	10LCH/ 10LCV	330	185
SST-123-22LCH	22L square horiz./vert mounting	22LCH/ 22LCV	470	223

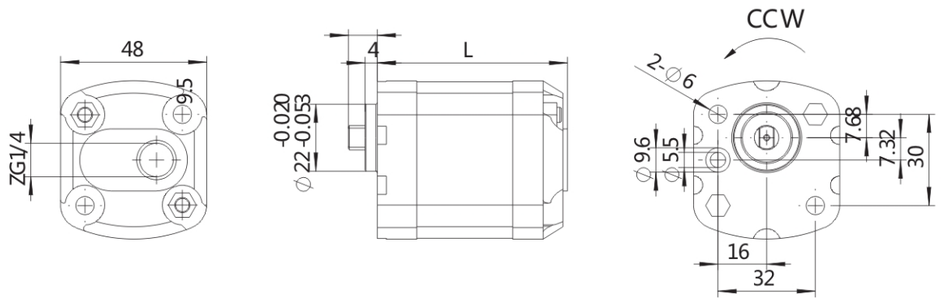
Gear Pump Group 0.5



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

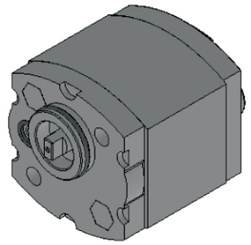
CW , CCW as option

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

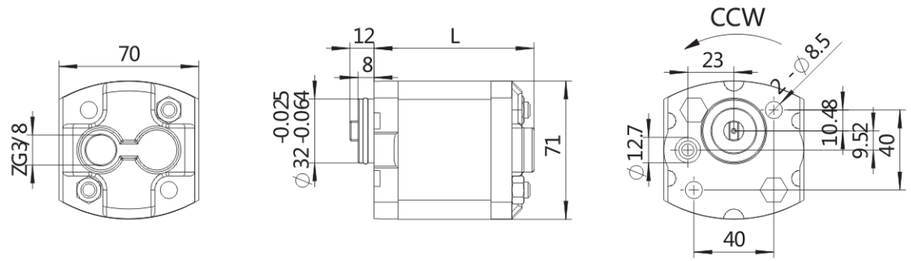
Gear Pump Group 1.0



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

CW , CCW as option

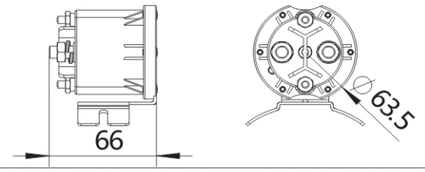
INLET OUTLET



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

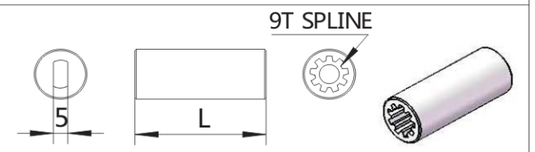
DCMotor-Start Switch

CODE	VOLTAGE	WORKING CURRENT	DIMENSIONS
DC1261	DC12V	150A	
DC2461	DC24V	150A	

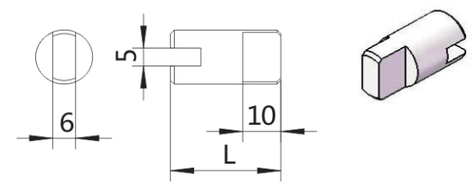
DCMotor—Protection Cover

CODE	
MC002	

Coupling

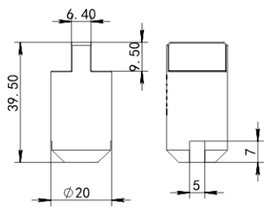
CODE	C46	C57	
LENGTH	46mm	57mm	

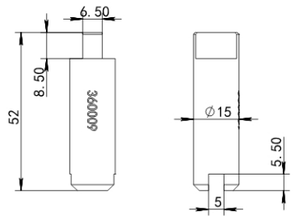
Custom Coupling

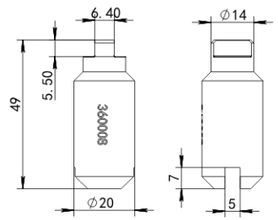
CODE	360029	360033	
LENGTH	29mm	33mm	
Other coupling is available			

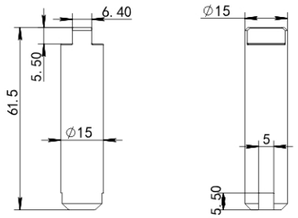
Accessories

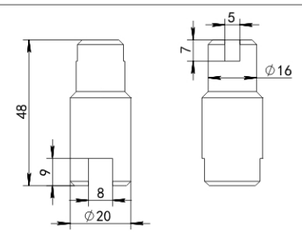
COUPLINGS

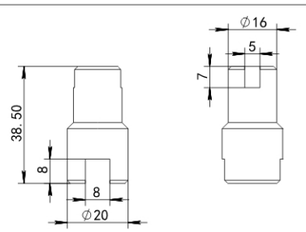
CODE	
360007	

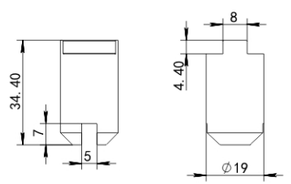
CODE	
360009	

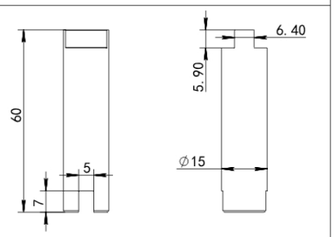
CODE	
360008	

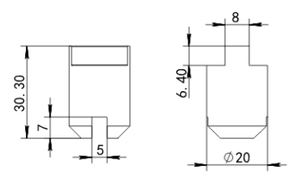
CODE	
360028	

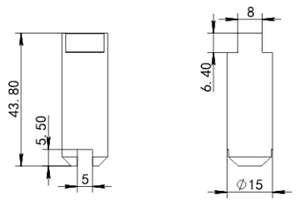
CODE	
360011	

CODE	
360013	

CODE	
360015	

CODE	
360016	

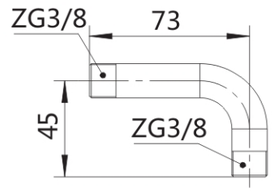
CODE	
360018	

CODE	
360019	

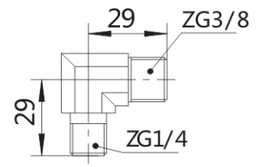
Accessories

Suction Pipe

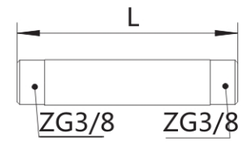
CODE	ZG38-90
NOTE	Steel



CODE	ZG38-14-90
NOTE	Steel

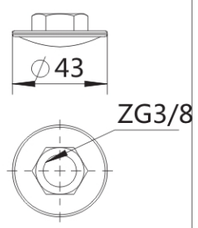


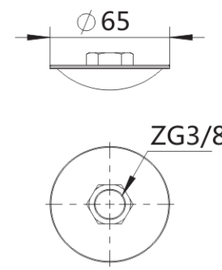
CODE	LENGTH	CODE	LENGTH
PSP-40	40mm	PSP-160	160mm
PSP-80	80mm	PSP-200	200mm
PSP-100	100mm	PSP-240	240mm
PSP-145	145mm	PSP-315	315mm
		PSP-400	400mm

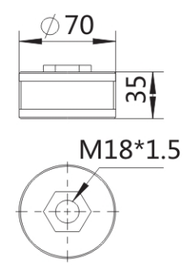


1.Plastic Suction Pipe
2.Other length is available

Filter

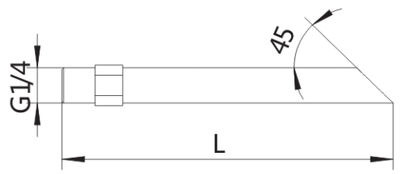
CODE	
F43	

CODE	
F65	

CODE	
F70	

Return Pipe

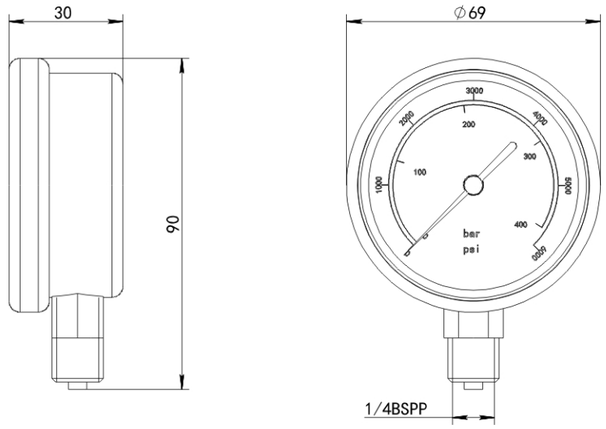
CODE	LENGTH
RP-G14-120	120mm
RP-G14-180	180mm
RP-G14-280	280mm
RP-G14-320	320mm



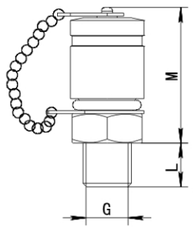
1.Plastic Return Pipe
2.Other length is available

Accessories

pressure gauge



Pressure tap

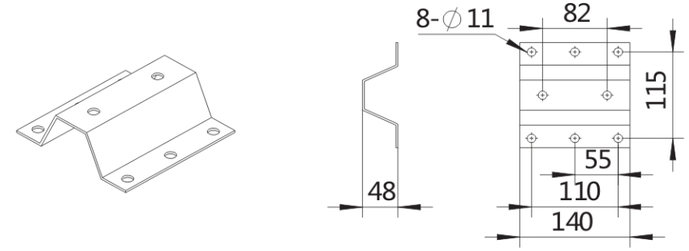


CODE	G	L (mm)	M (mm)
BTC-20-G18	G1/8	8	37
BTC-20-G1/4	G1/4	12	37
BTC-20-G3/8	G3/8	14	37
BTC-20-G1/2	G1/2	15	37

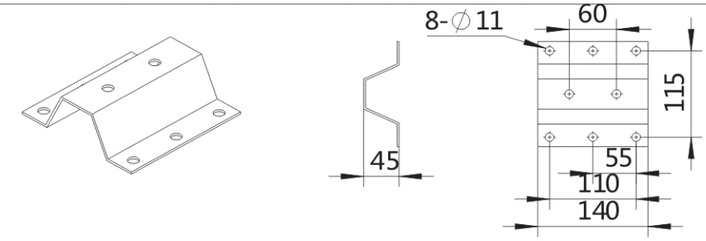
Accessories

Mounting Bracket

CODE
TGT-M82-48

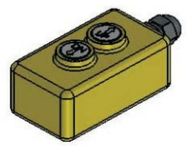


CODE
TGT-M60

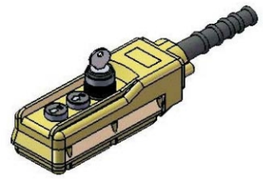


Button Remote Pendant

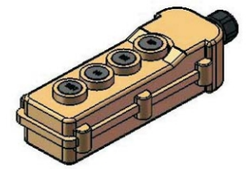
CODE
BRP02



CODE
LBRP03

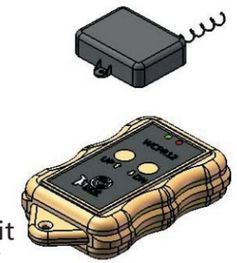


CODE
BRP04

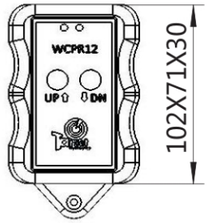


Wirless Remote Control Pendant

CODE
WRCP12



Control Power Unit
100 Meters Away

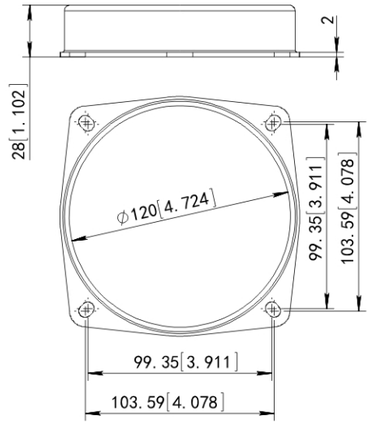


Accessories

Steel Tank Neck

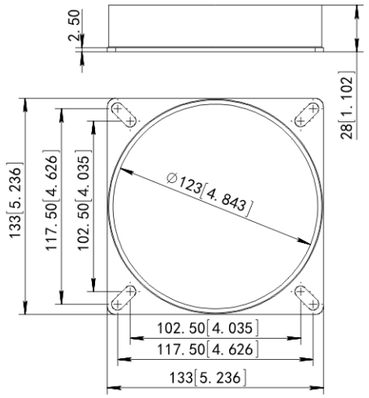
CODE	390120
NOTE	steel

390120



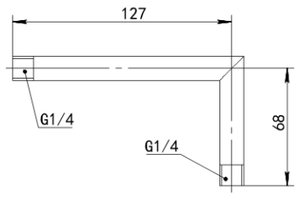
CODE	390123
NOTE	steel

390123

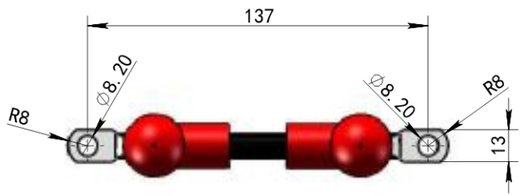


Retuen pipe

CODE	RP-14-90
NOTE	Plastic

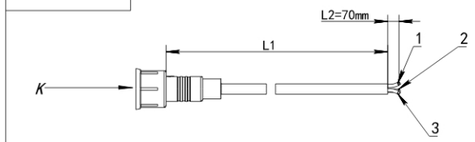


CODE
16FC

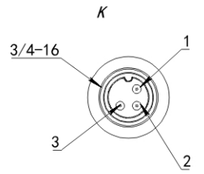


Accessories

CODE
390013



L1+L2=0.7m



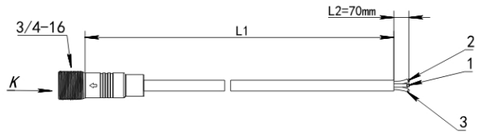
CABLE COLOR

1= Brown

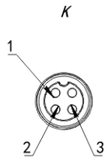
2= Blue

3=Green

CODE
390023



L1+L2=3.8m



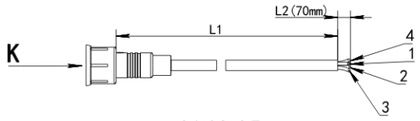
CABLE COLOR

1= Brown

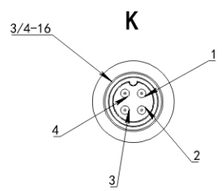
2= Blue

3=Green

CODE
390014



L1+L2=0.7m



CABLE COLOR

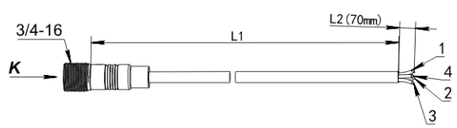
1 = Brown

2 = Blue

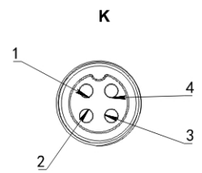
3 = Green

4 = Black

CODE
390024



L1+L2=3.8m



CABLE COLOR

1 = Brown

2 = Blue

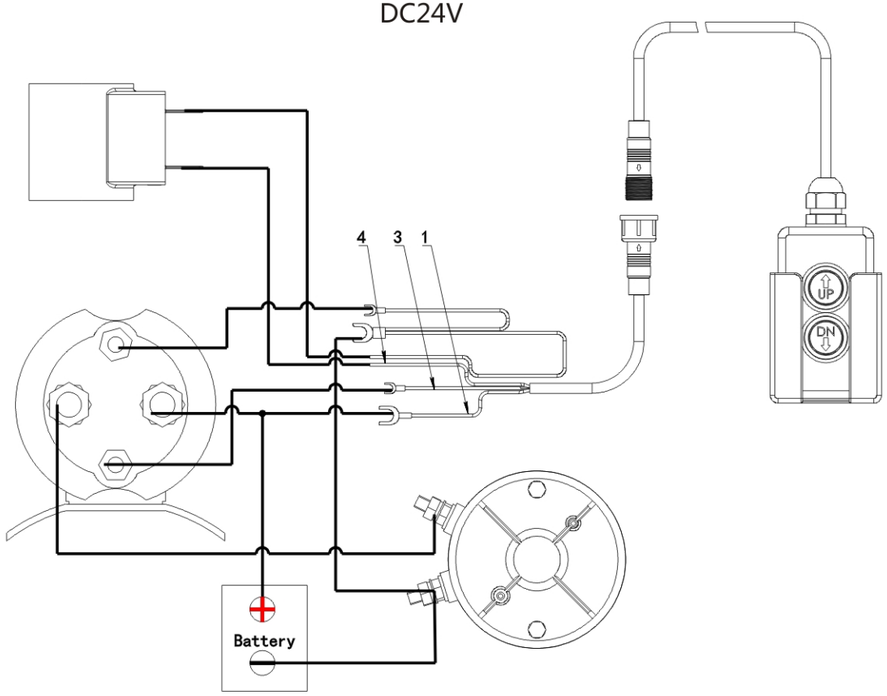
3 = Green

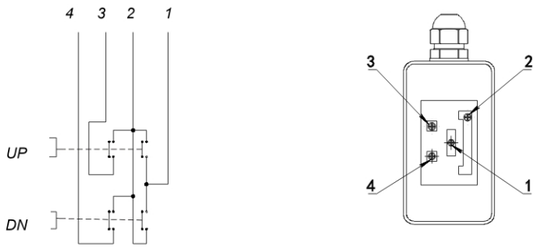
4 = Black

Wiring Diagram

Single Action Switch Wiring Diagram

CODE:BRP02-3 Suit With:DC12V
DC24V

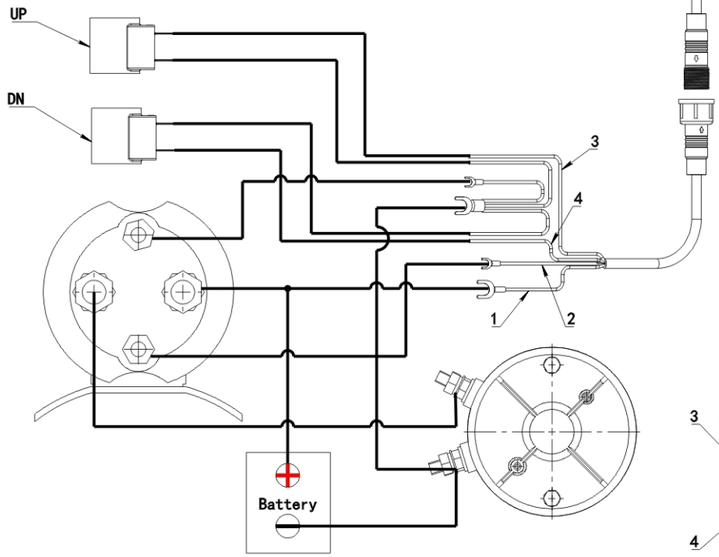


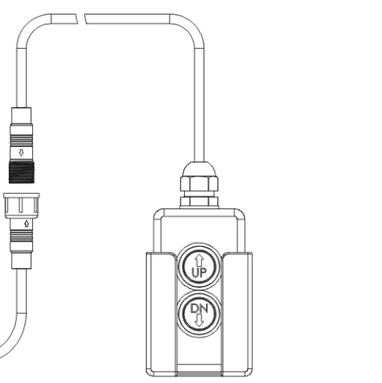


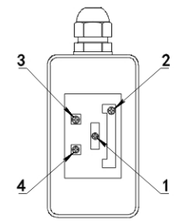
Wiring Diagram

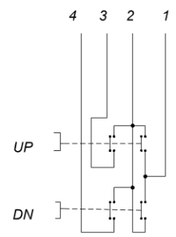
Double Action Wiring Diagram

CODE:BRP02-4 Suit With:DC12V
DC24V





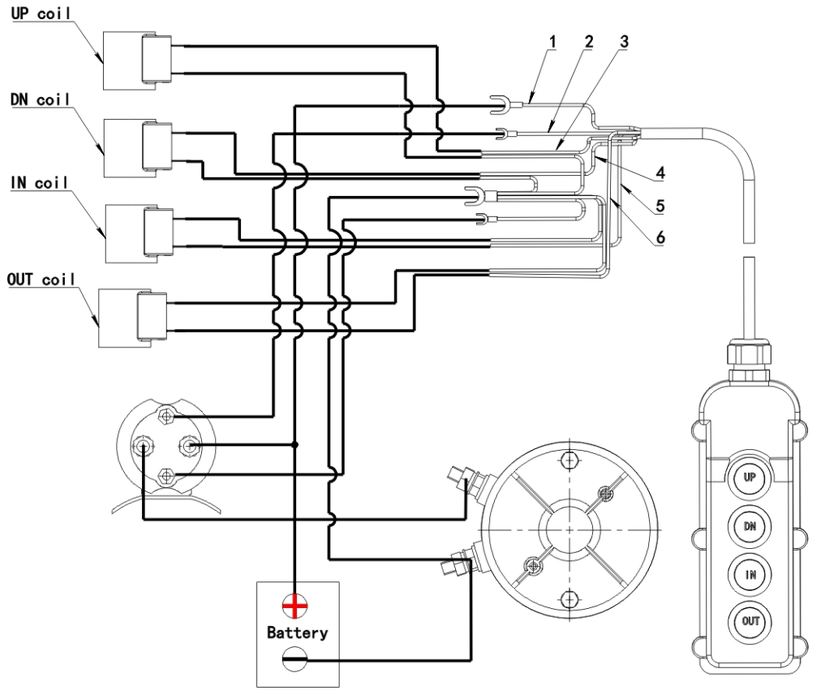


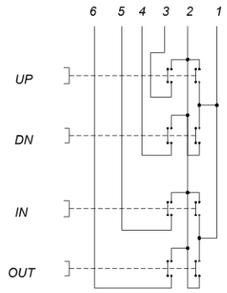


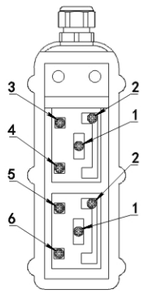
Wiring Diagram

2 × Double Action Wiring Diagram

CODE:BRP04-6 Suit With:DC12V
DC24V







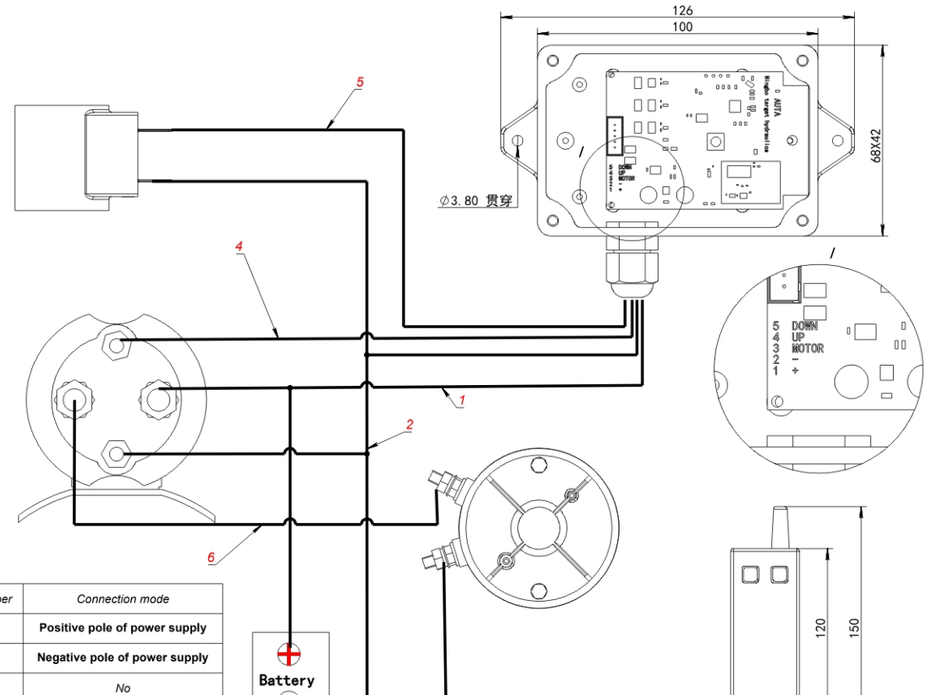
Wiring Diagram

Single Action Wireless Remote Wiring Diagram

ITEM	Wireless Remote
CODE	WRCP-2-S

Voltage Suit With	DC12V
	DC24V

30 METERS AWAY



Serial number	Connection mode
1	Positive pole of power supply
2	Negative pole of power supply
3	No
4	Positive pole of start switch
5	Coil positive pole
6	Motor connection line(16FC)

Two Button Remote
Control Switch

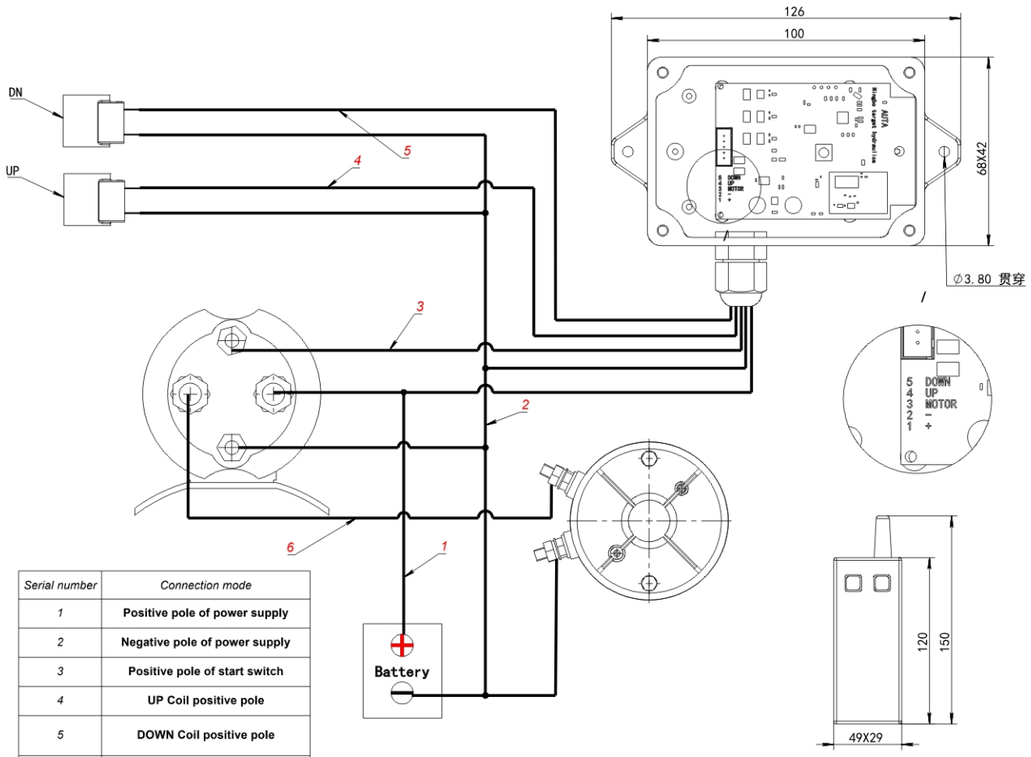
Wiring Diagram

Double Action Wireless Remote Wiring Diagram

ITEM	Wireless Remote
CODE	WRCP-2-D

Voltage Suit With	DC12V
	DC24V

30 METERS AWAY



Serial number	Connection mode
1	Positive pole of power supply
2	Negative pole of power supply
3	Positive pole of start switch
4	UP Coil positive pole
5	DOWN Coil positive pole
6	Motor connection line(16FC)

Two- Button Remote Control Switch

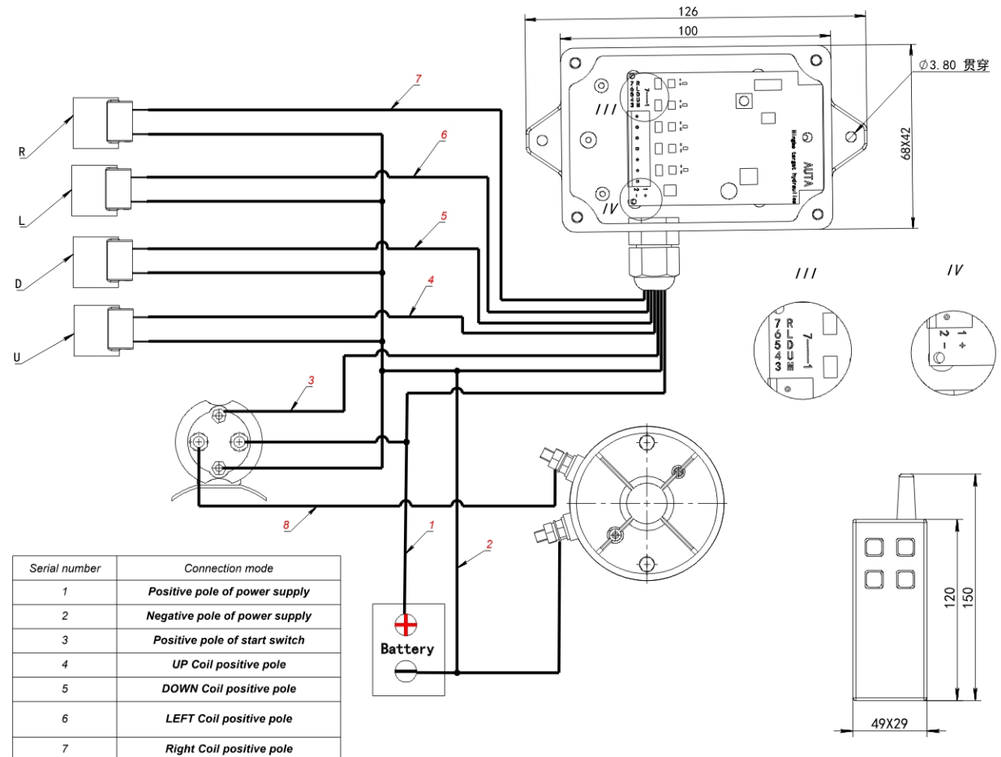
Wiring Diagram

2 × Double Action Wireless Remote Wiring Diagram

ITEM	Wireless Remote
CODE	WRCP-4

Voltage Suit With	DC12V
	DC24V

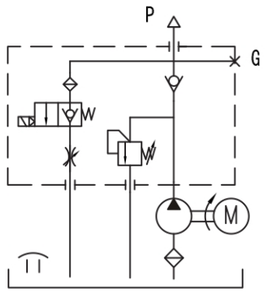
30 METERS AWAY



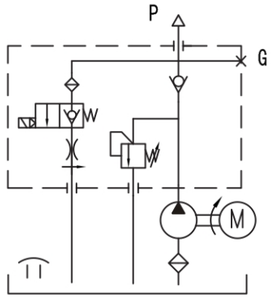
Serial number	Connection mode
1	Positive pole of power supply
2	Negative pole of power supply
3	Positive pole of start switch
4	UP Coil positive pole
5	DOWN Coil positive pole
6	LEFT Coil positive pole
7	Right Coil positive pole
8	Motor connection line(16FC)

Four-Button Remote Control Switch

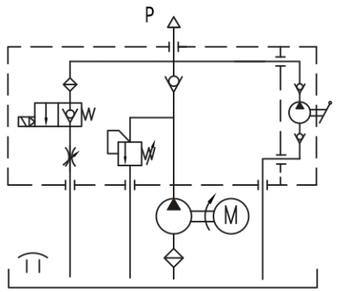
Hydraulic Circuit



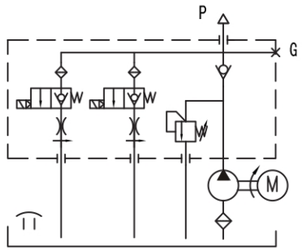
101



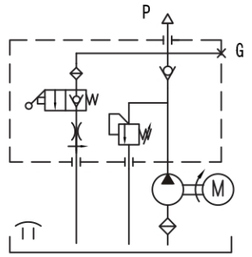
102



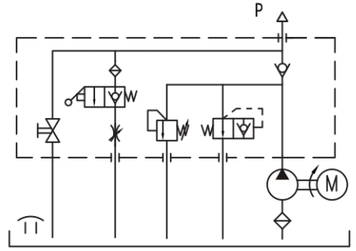
103



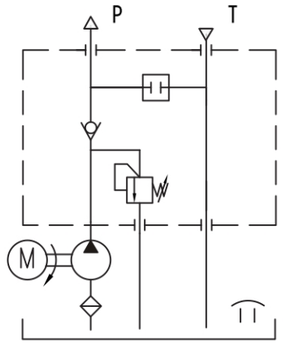
104



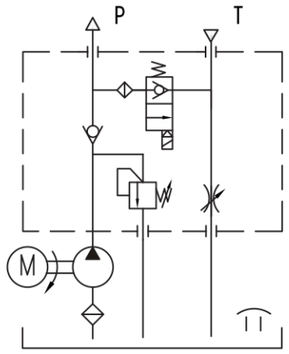
105



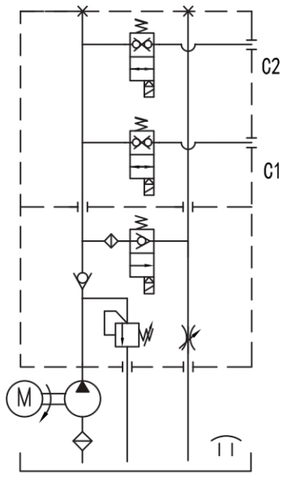
106



107

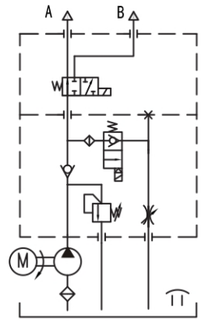


108

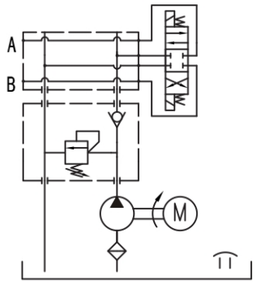


109

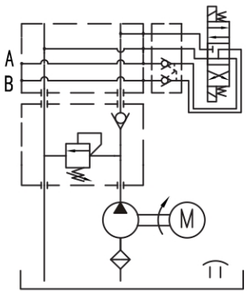
Hydraulic Circuit



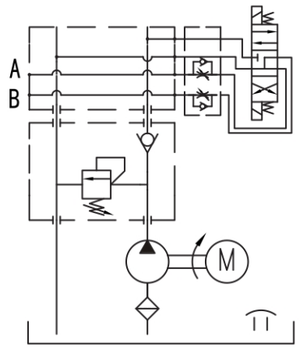
110



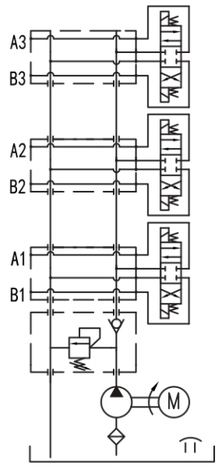
111



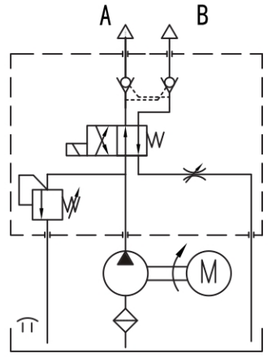
112



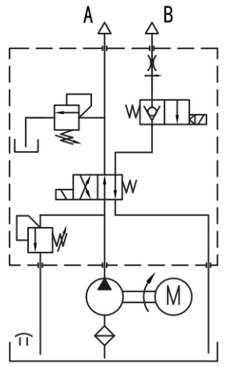
113



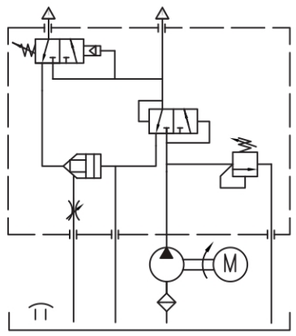
114



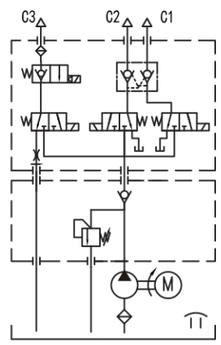
115



116

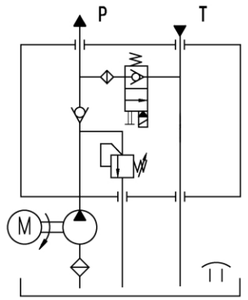


117

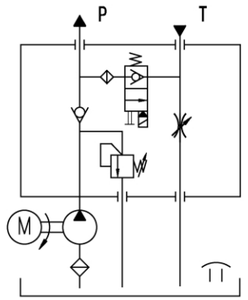


118

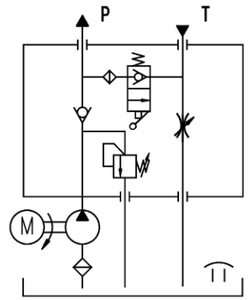
Hydraulic Circuit



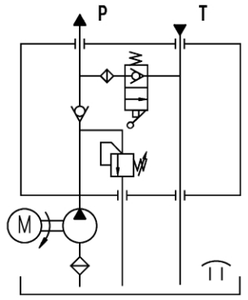
108-A



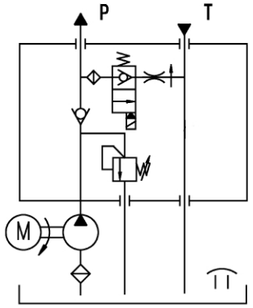
108-B



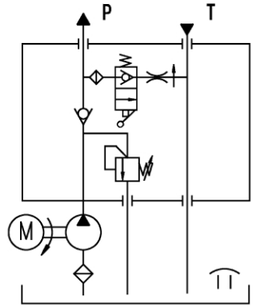
108-C



108-D

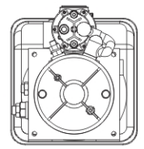


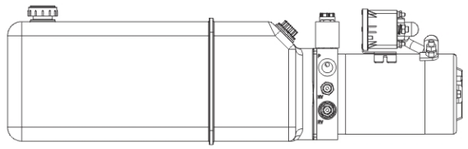
108-E

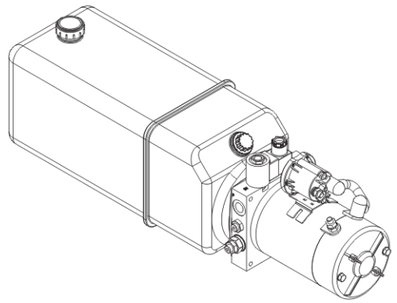


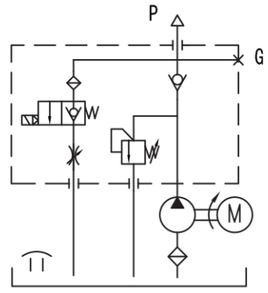
108-F

Hydraulic Power Unit

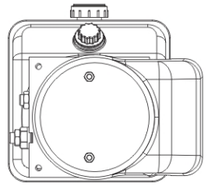


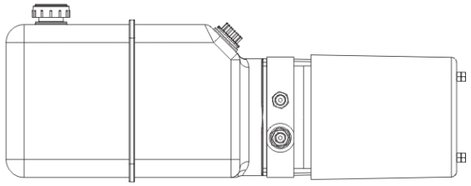


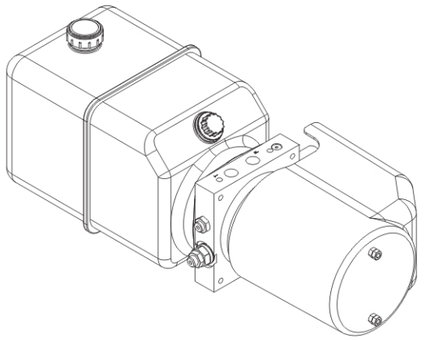


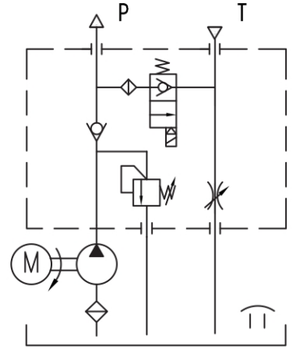


101



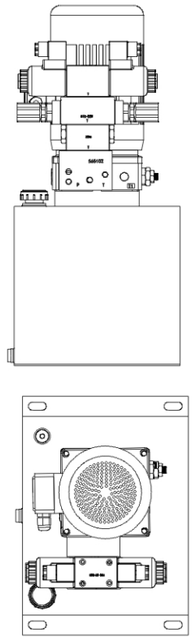


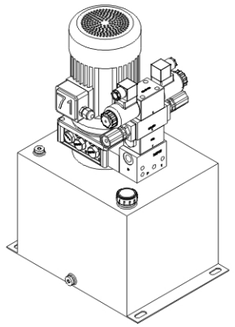


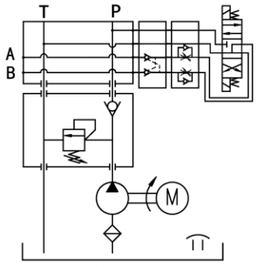


108

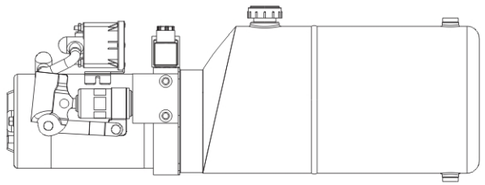
Hydraulic Power Unit

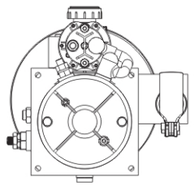


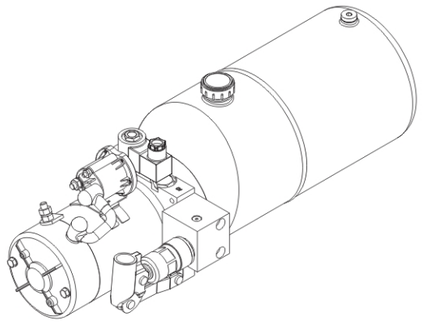


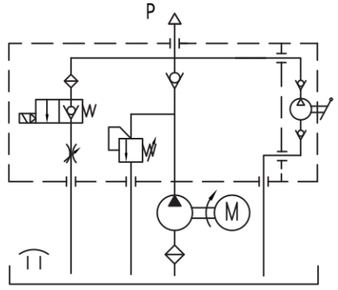


113-A



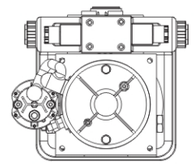


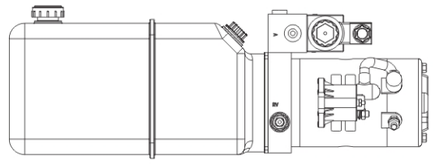


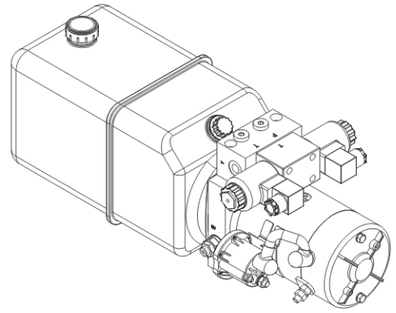


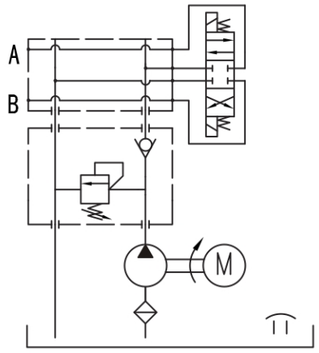
103

Hydraulic Power Unit

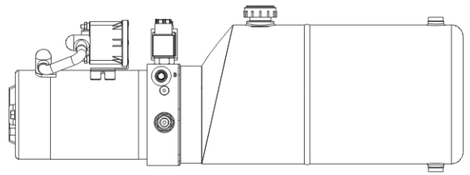


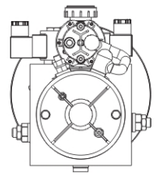


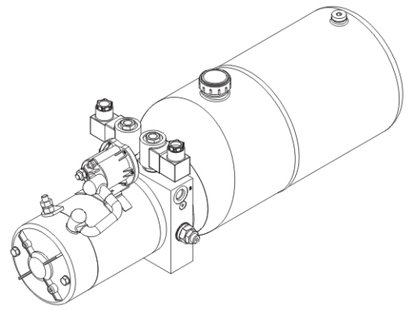


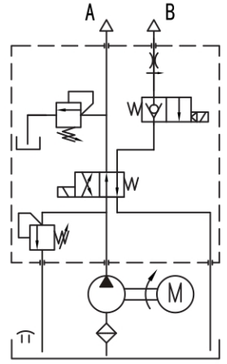


111



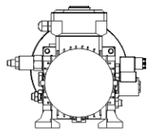


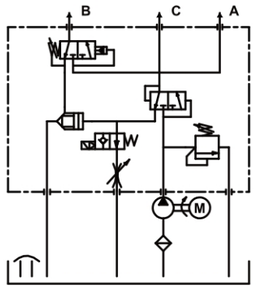


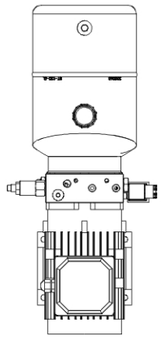


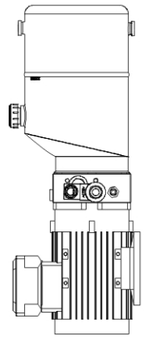
116

Hydraulic Power Unit

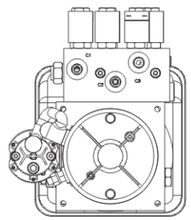


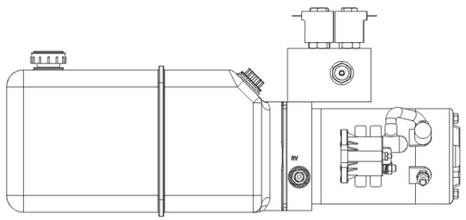


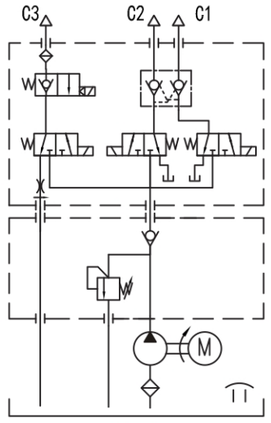


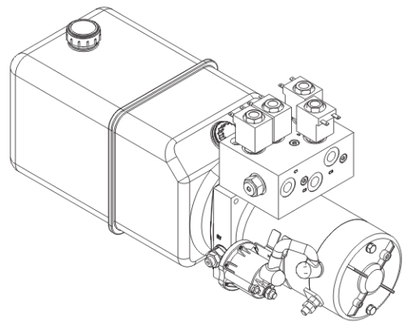


Dock Leveller









118

JINAN LANDMARK IMPORT AND EXPORT TRADE CO.,LTD