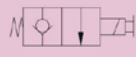
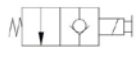



17 **L C 2 1 D N**  
A / B / C / D / E

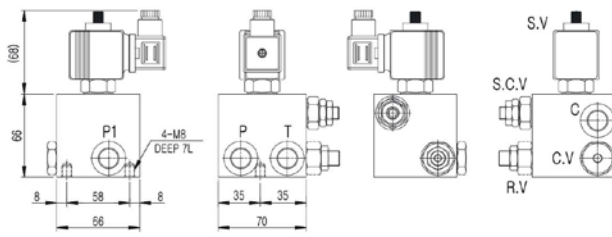
## LIFT VALVE

A	LIFT VALVE CODE <b>L</b>						
---	--------------------------	--	--	--	--	--	--

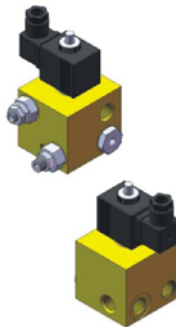
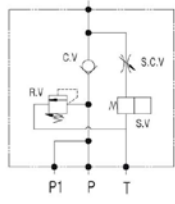
B	CODE	<b>C</b>	<b>O</b>	<b>D</b>
	DIAGRAM			
		Normally closed	Normally open	Double locking

C	CODE	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
	VOLTAGE	DC 12V	DC 24V	AC 110V	AC 220V	AC 110V RAC	AC 220V RAC	AC 24V

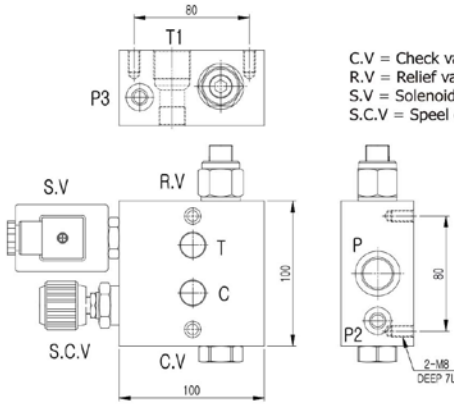
D	CODE	<b>1</b>						
	SPECIFICATION	CAVITY	PRESSURE (Max.)	FLOW (Max.)	PORT SIZE			
		09	250 kg-f/cm <sup>2</sup>	40 l/min	P	T	P1	C
				PF3/8"	PT3/8"	PT3/8"	PT3/8"	



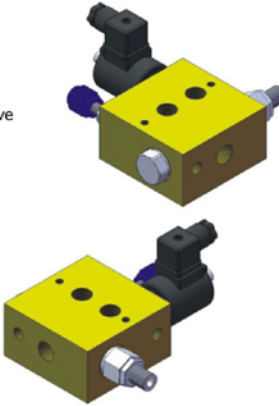
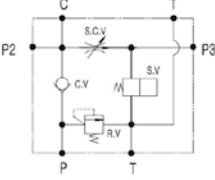
C.V = Check valve  
R.V = Relief valve  
S.V = Solenoid valve  
S.C.V = Speel control valve

D	CODE	<b>3</b>							
	SPECIFICATION	CAVITY	PRESSURE (Max.)	FLOW (Max.)	PORT SIZE				
		10	350 kg-f/cm <sup>2</sup>	68 l/min	P	T1	P2	P3	C
				PT1/2"	PT3/4"	PF1/4"	PF1/4"	PT3/8"	PT3/8"



C.V = Check valve  
R.V = Relief valve  
S.V = Solenoid valve  
S.C.V = Speel control valve


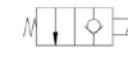
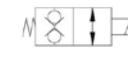
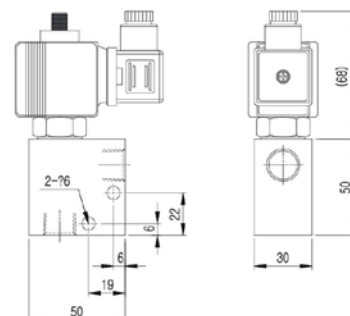
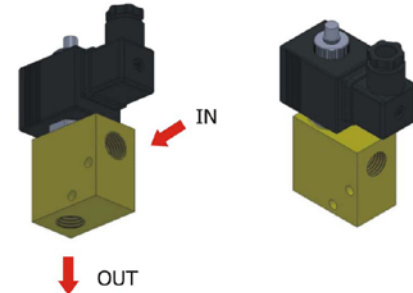
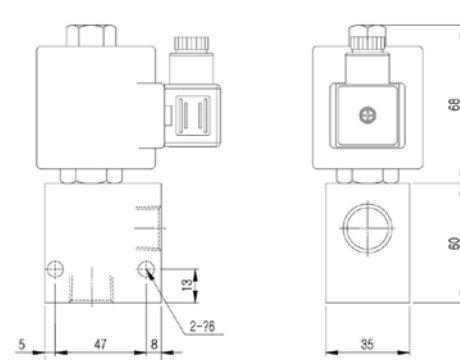
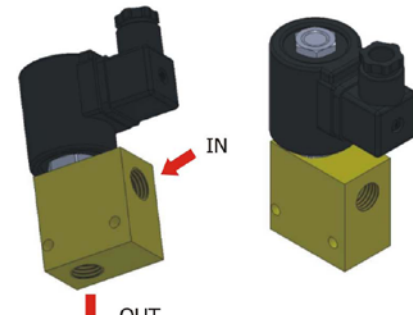



E	CODE	<b>DN</b>	<b>DS</b>	<b>DL</b>	<b>DR</b>
	Type	DIN Connector	Dual Spades	Lead wire	Integral Deutche Connector

**SPECIAL POWER PACK**

17 **V C 2 1 D N**  
A / B / C / D / E

## SOLENOID VALVE

<b>A</b>	SOLENOID VALVE CODE <b>V</b>							
<b>B</b>	CODE	<b>C</b>		<b>O</b>	<b>D</b>			
	DIAGRAM							
		Normally closed		Normally open	Double locking			
<b>C</b>	CODE	<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>7</b>
	VOLTAGE	DC 12V	DC 24V	AC 110V	AC 220V	AC 110V RAC	AC 220V RAC	AC 24V
<b>D</b>	CODE	<b>1</b>						
	SPECIFICATION	CAVITY		PRESSURE (Max.)		FLOW (Max.)	PORT SIZE	
			09		250 kg-f/cm <sup>2</sup>		20 l/min	IN: PT3/8"
								
<b>D</b>	CODE	<b>3</b>						
	SPECIFICATION	CAVITY		PRESSURE (Max.)		FLOW (Max.)	PORT SIZE	
			10		350 kg-f/cm <sup>2</sup>		68 l/min	IN: PT1/2"
								
<b>E</b>	CODE	<b>DN</b>		<b>DS</b>	<b>DL</b>	<b>DR</b>		
	Type	DIN Connector		Dual Spades	Lead wire	Integral Deutche Connector		

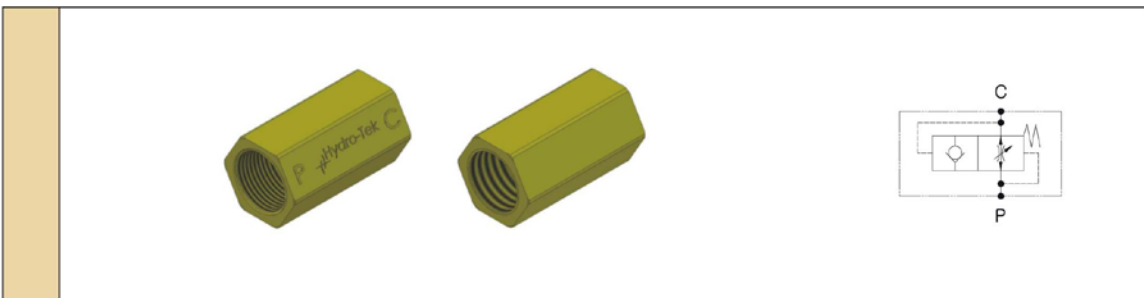
SPECIAL POWER PACK

17 **B 4 0 0**  
A/ B

## LINE TYPE BURST VALVE

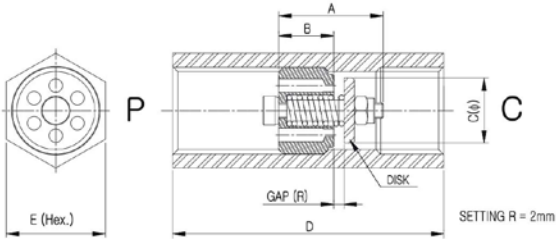
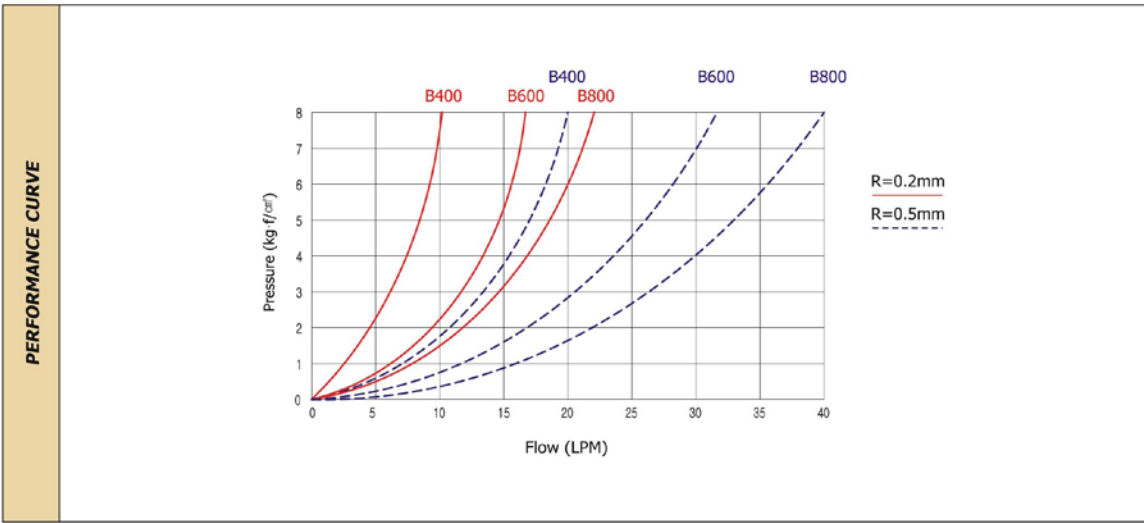
A LINE TYPE BURST VALVE CODE **B**

B	CODE	WORKING PRESSURE (Max.)	FLOW (Min.)	FLOW (Max.)	PORT SIZE	
					P	C
	<b>400</b>	350 kg·f/cm <sup>2</sup>	4 l/min	25 l/min	PF1/4"	PF1/4"
	<b>600</b>	350 kg·f/cm <sup>2</sup>	6 l/min	50 l/min	PF3/8"	PF3/8"
	<b>800</b>	350 kg·f/cm <sup>2</sup>	16 l/min	80 l/min	PF1/2"	PF1/2"



**DIMENSION**

	B400	B600	B800
<b>A</b>	17.5	23	25
<b>B</b>	8	10.5	12
<b>C</b>	9.5	12.5	15
<b>D</b>	50	52	60
<b>E</b>	19	22	27

**SPECIAL POWER PACK**

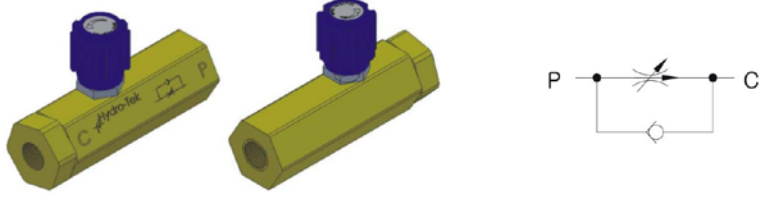
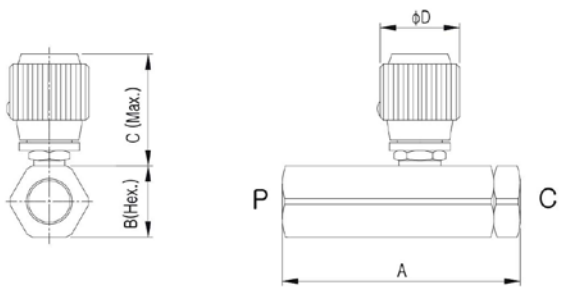
17 **P 4 0 0**  
A/ B

## LINE TYPE PRESSURE COMPENSATED ADJUSTABLE THROTTLE VALVE

**A** LINE TYPE PRESSURE COMPENSATED ADJUSTABLE THROTTLE VALVE CODE **P**

B	CODE	WORKING PRESSURE (Max.)	FLOW RANGE (Min.)	PORT SIZE	
				P	C
	<b>400</b>	250 kg-f/cm <sup>2</sup>	1 ~ 10 l/min	PT1/4"	PT1/4"
	<b>600</b>	250 kg-f/cm <sup>2</sup>	1 ~ 18 l/min	PT3/8"	PT3/8"
	<b>800</b>	250 kg-f/cm <sup>2</sup>	1 ~ 33 l/min	PT1/2"	PT1/2"

**DIMENSION**

	P400	P600	P800
<b>A</b>	90	90	108
<b>B</b>	27	27	36
<b>C</b>	38	38	36
<b>D</b>	24	24	24

**PERFORMANCE CURVE**

Please contact Hydro-Tek for technical data.

**SPECIAL POWER PACK**

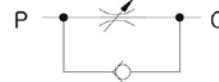
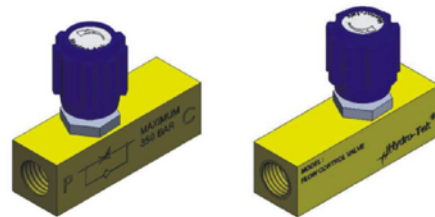
17 **F 4 0 0**  
A/ B

## LINE TYPE FLOW CONTROL VALVE

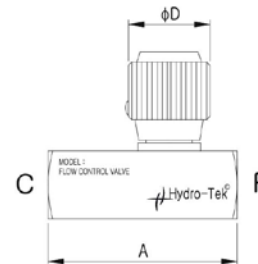
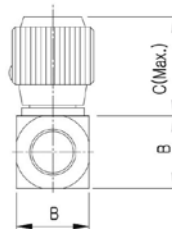
**A** LINE TYPE FLOW CONTROL VALVE CODE **F**

B	CODE	WORKING PRESSURE (Max.)	FLOW RANGE (Min.)	PORT SIZE	
				P	C
	<b>400</b>	350 kg·f/cm <sup>2</sup>	20 l/min	PT1/4"	PT1/4"
	<b>600</b>	350 kg·f/cm <sup>2</sup>	55 l/min	PT3/8"	PT3/8"
	<b>800</b>	350 kg·f/cm <sup>2</sup>	110 l/min	PT1/2"	PT1/2"

DIMENSION



	F400	F600	F800
<b>A</b>	65	70	87
<b>B</b>	20	25	32
<b>C</b>	32	41	44
<b>D</b>	24	24	30



PERFORMANCE CURVE

Please contact Hydro-Tek for technical data.

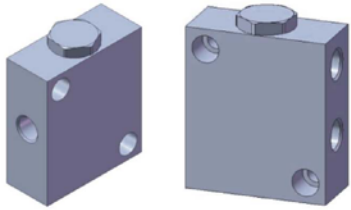
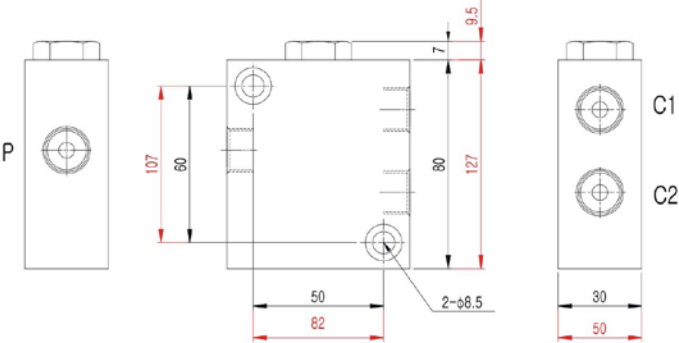
SPECIAL POWER PACK

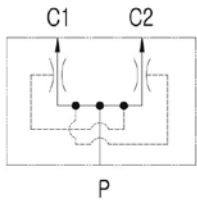
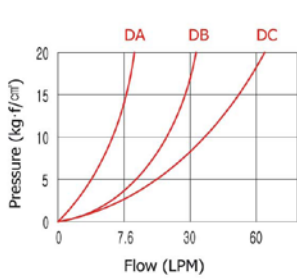
17 **D A**  
A / B

## FLOW DIVIDER

A FLOW DIVIDER CODE D						
CODE	FLOW (Min.)	OPERATING PRESSURE (Max.)	RATIO	PORT SIZE		
				P	C1	C2
<b>A</b>	7.6 l/min	240 kg-f/cm <sup>2</sup>	50 : 50	PF1/4"	PF1/4"	PF1/4"
<b>B</b>	30 l/min	240 kg-f/cm <sup>2</sup>	50 : 50	PF3/8"	PF3/8"	PF3/8"
<b>C</b>	60 l/min	240 kg-f/cm <sup>2</sup>	50 : 50	PF1/2"	PF1/2"	PF1/2"

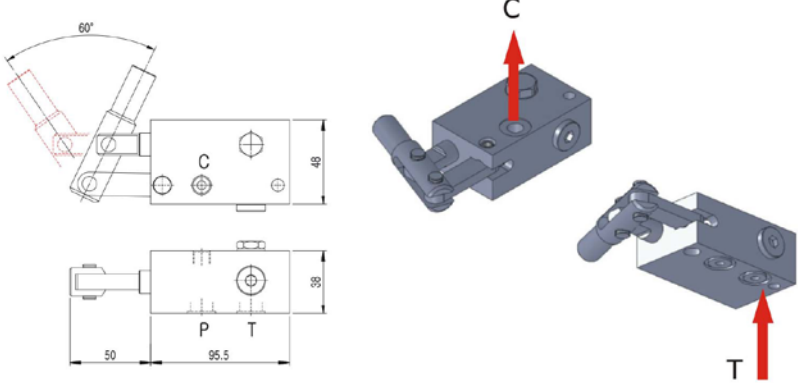
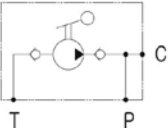



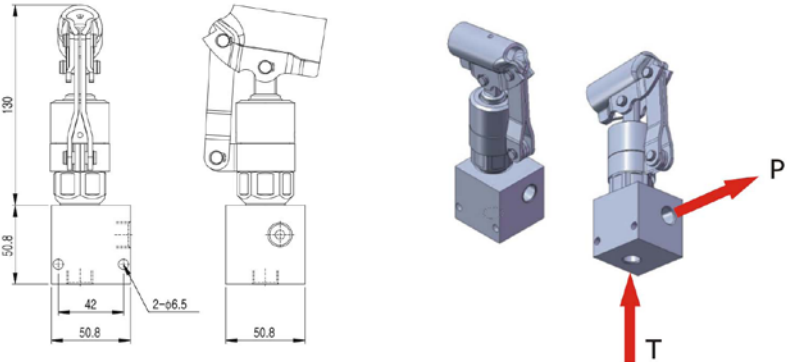
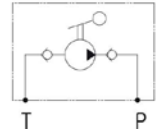



**SPECIAL POWER PACK**

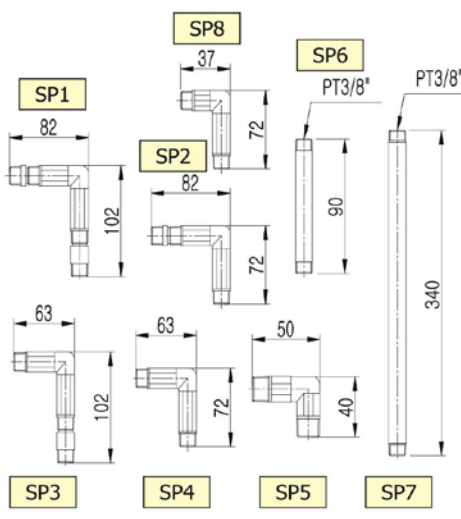
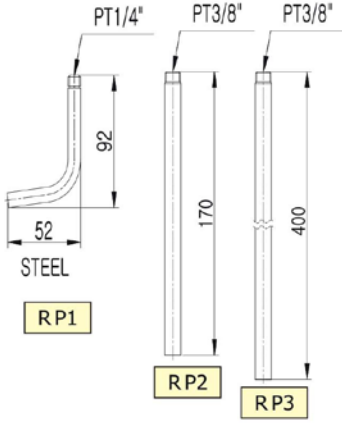
Please contact Hydro-Tek for technical data.

17 **HAND PUMP**

CODE		
<b>HP</b>		
CAPACITY	6 CC	
PORT SIZE	C PF1/4"	
		

CODE		
<b>KP</b>		
CAPACITY	6 CC	
PORT SIZE	P PF3/8" T PF3/8"	
		

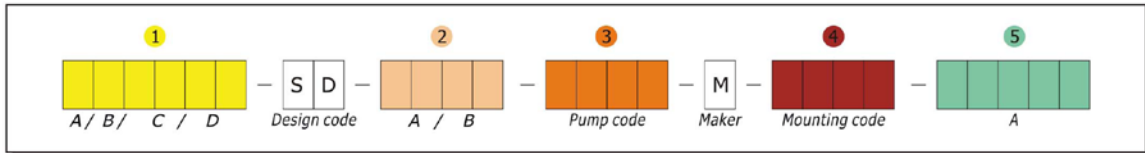
17 **SUCTION & RETURN PIPE**

SUCTION PIPE (STANDARD)	RETURN PIPE (STANDARD)	<p><b>Note.</b></p> <p>The length of suction &amp; Return pipe depend on customer's request. (only for straight type pipe)</p> <p>Suction pipe <b>SP</b> □□□ Return pipe <b>SP</b> □□□</p> <p><b>Ex.) Suction pipe 60mm</b> <b>: SP060</b></p>
		

**SPECIAL POWER PACK**

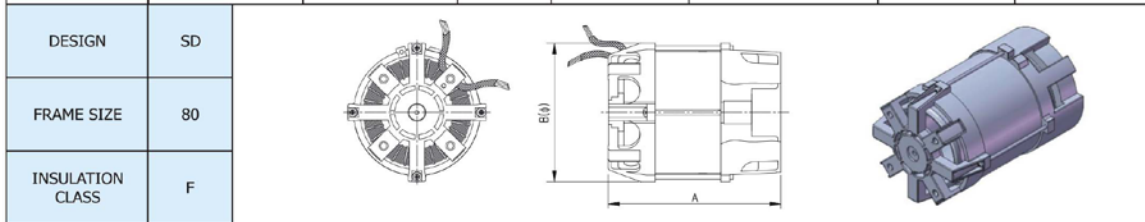
18

## SUBMERSIBLE POWER PACK

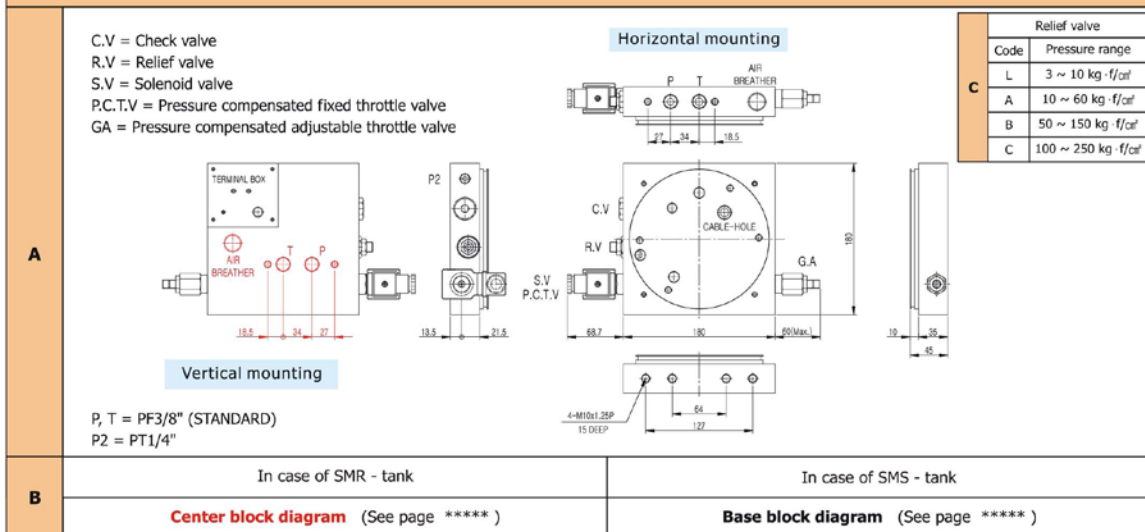


### Motor ①

CODE (4POLE)	A		B	C	D	DIMENSION	
	PHASE	VOLTAGE (V)	POLE	POWER (KW)	FREQUENCY (Hz)	A	B
*S40560	1Φ	220	4	0.5	60	133	151
*S40760			4	0.7	60	133	166
*S41160			4	1.1	60	133	181
S41560			4	1.5	60	133	201
*S42260			4	2.2	60	133	236
T40556	3Φ	230/400	4	0.5	50/60	133	151
T40756			4	0.7	50/60	133	166
T41156			4	1.1	50/60	133	181
T41556			4	1.5	50/60	133	201
T42256			4	2.2	50/60	133	236



### Center Block SM ②



**Note.** \*1 Available on order.

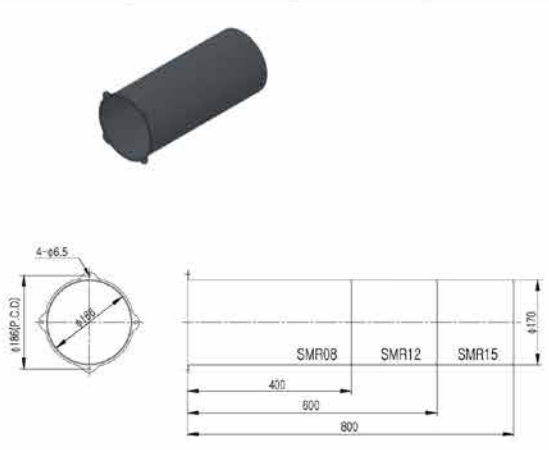
141

SPECIAL POWER PACK

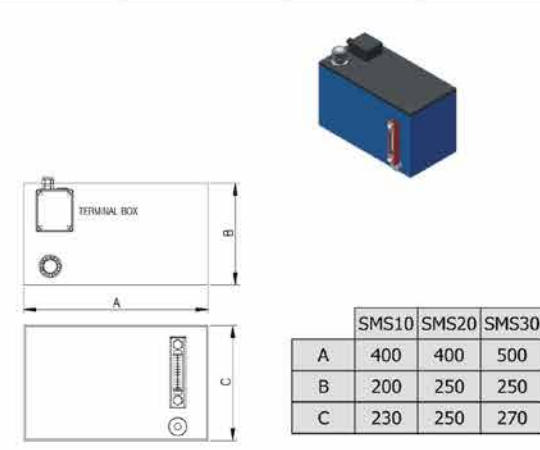


Pump ③							
Pump code (See page 88 )							
Mounting ④							
Mounting code (See page 90 )							
Tank SM ⑤							
CODE	PART NUMBER	CAPACITY (ℓ)		CODE	PART NUMBER	CAPACITY (ℓ)	
		TANK	USABLE			TANK	USABLE
<b>SMR08</b>	402841	8	5	<b>SMS15</b>	412171	15	12
<b>SMR12</b>	412169	12	8	<b>SMS20</b>	412172	20	18
<b>SMR15</b>	412170	15	12	<b>SMS30</b>	412173	30	25



Technical drawing of SMR tanks showing dimensions: 4-ø6.5, ø18(p.c.d.), ø19, 400, 600, 800, 4170. Part numbers SMR08, SMR12, SMR15 are indicated.




Technical drawing of SMS terminal boxes showing dimensions A, B, C and a terminal box. Dimensions for SMS10, SMS20, SMS30 are provided in the table below.

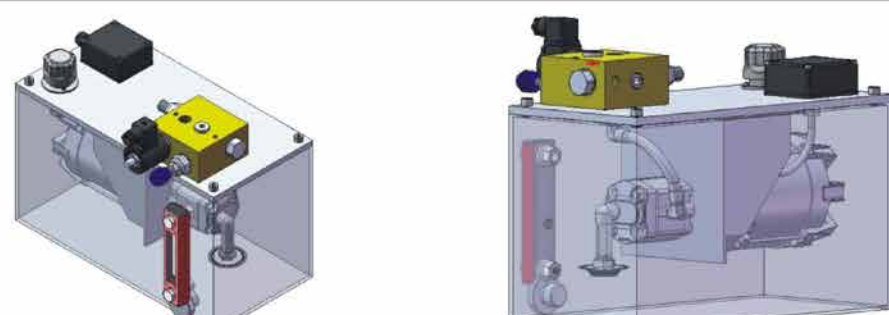
	SMS10	SMS20	SMS30
A	400	400	500
B	200	250	250
C	230	250	270

**ROUND TYPE ASSEMBLY**



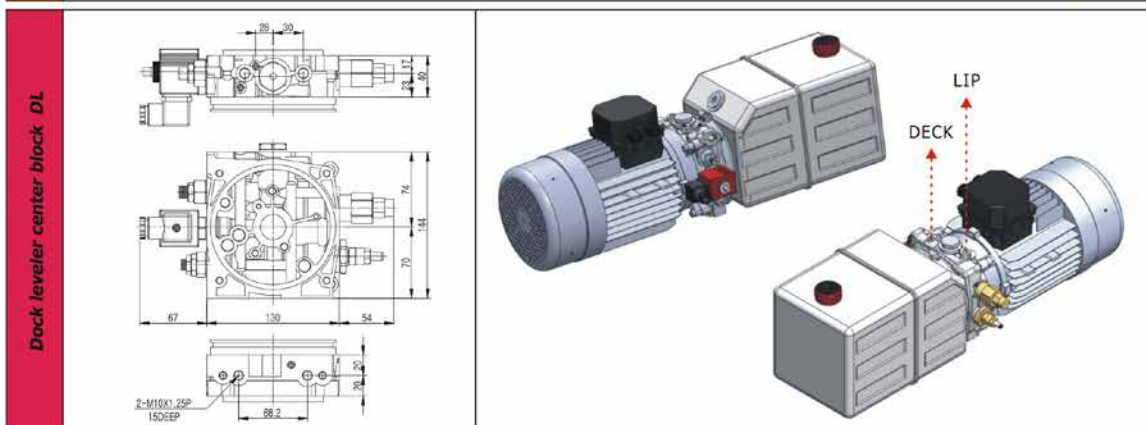
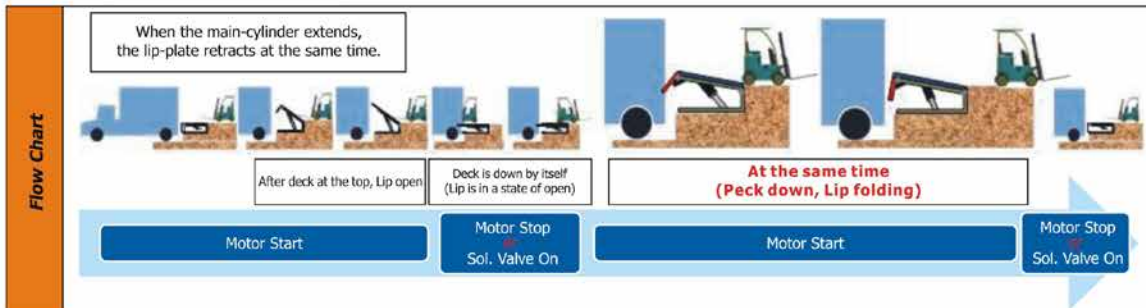
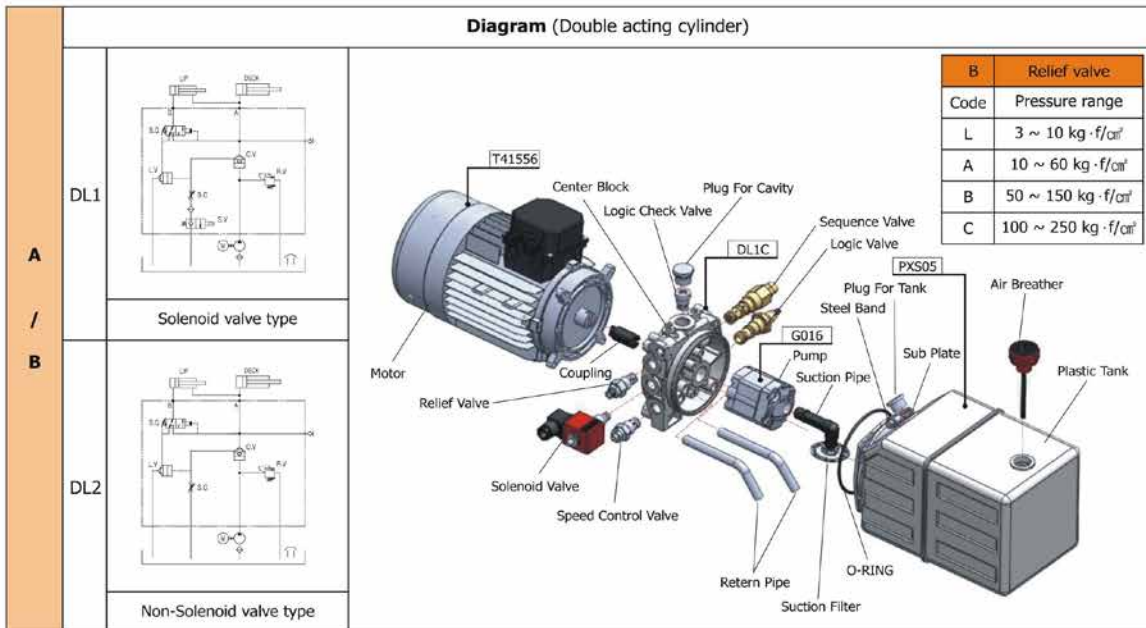
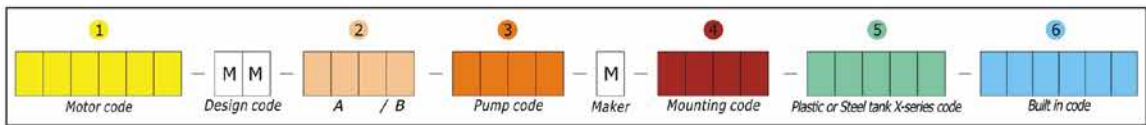
**SQUARE TYPE ASSEMBLY**



**SPECIAL POWER PACK**

19

## DOCK LEVELER POWER PACK



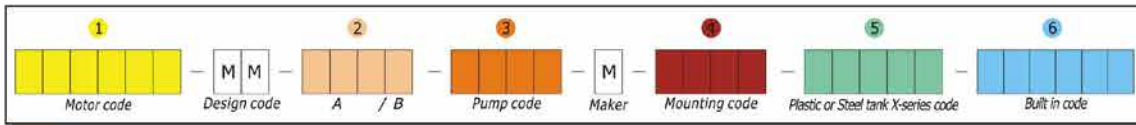
**Note.** Dock leveler power pack can be assembled with only X-series oil tank. (Plastic or steel oil tank)



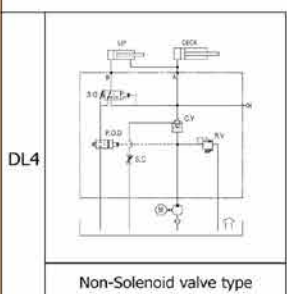
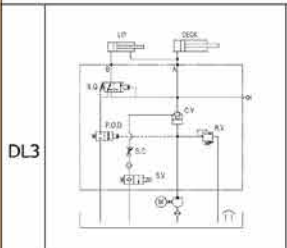
**HIDRACOMP**  
COMPONENTES HIDRAULICOS

www.hidracomp.com.br

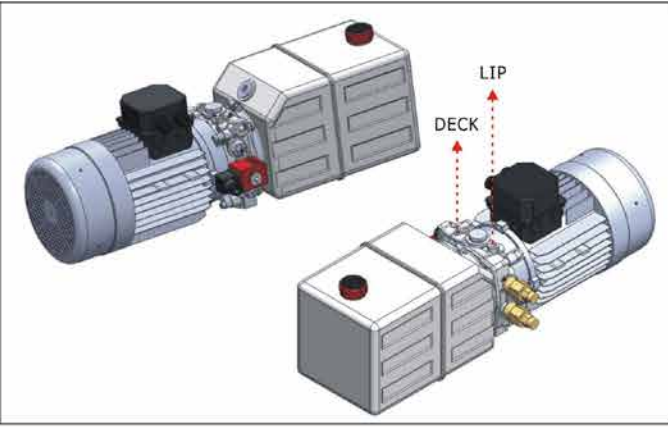
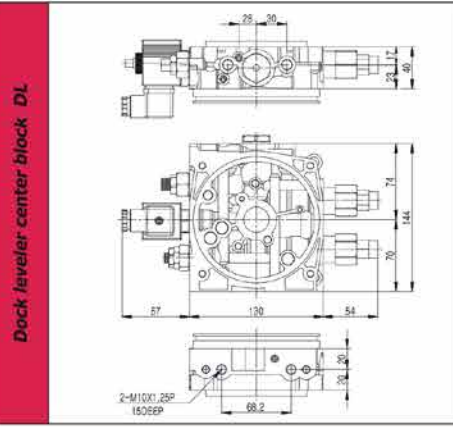
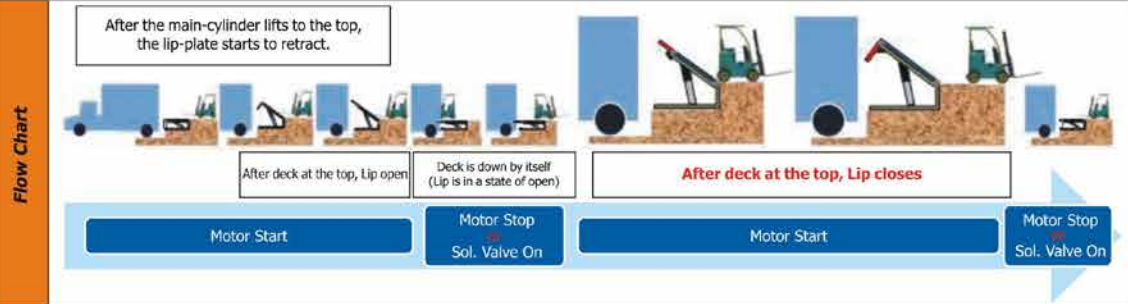
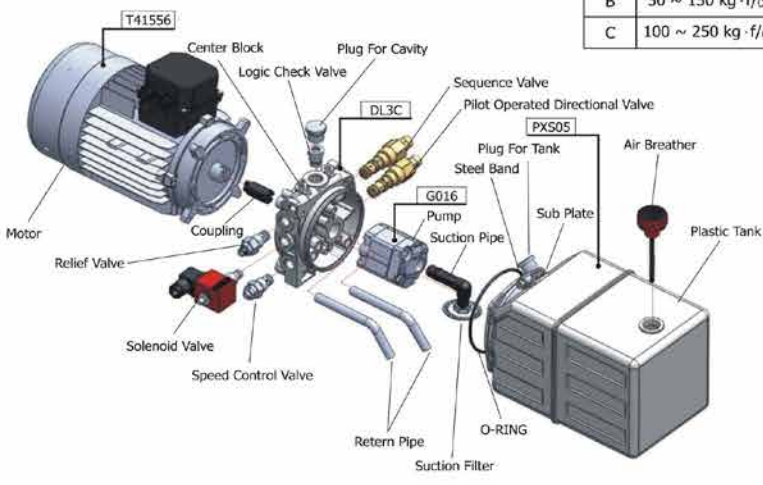
DISTRIBUIDOR EXCLUSIVO:



**Diagram (Double acting cylinder)**



B Relief valve	
Code	Pressure range
L	3 ~ 10 kg · f/cm <sup>2</sup>
A	10 ~ 60 kg · f/cm <sup>2</sup>
B	50 ~ 150 kg · f/cm <sup>2</sup>
C	100 ~ 250 kg · f/cm <sup>2</sup>



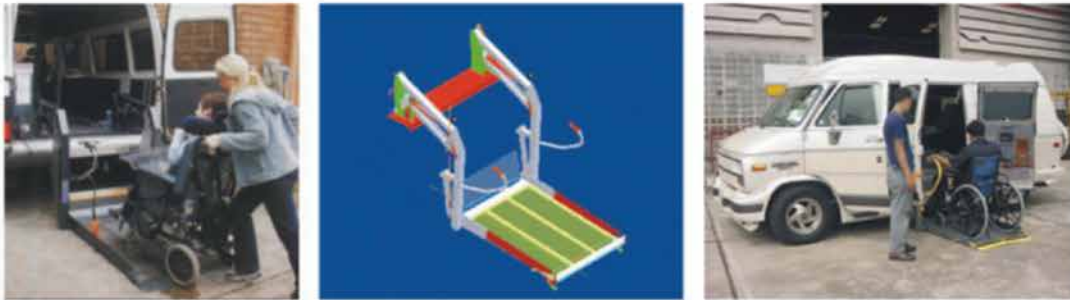
**Note.** Dock leveler power pack can be assembled with only X-series oil tank. (Plastic or steel oil tank)

**SPECIAL POWER PACK**

20

## WHEEL CHAIR POWER PACK

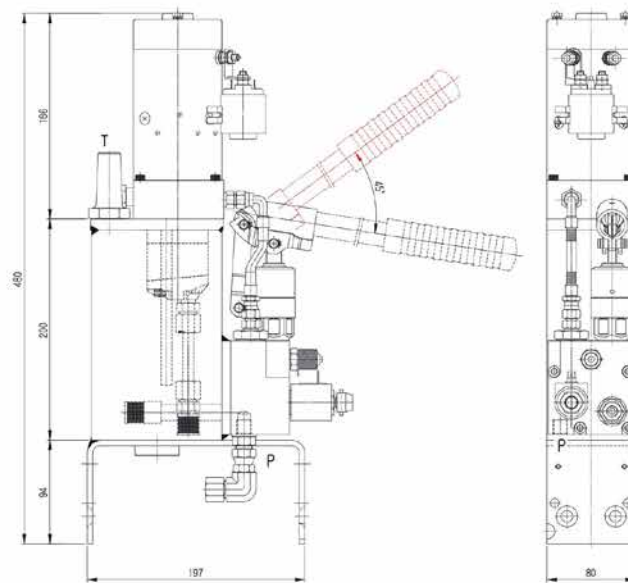
### SAMPLE PICTURE



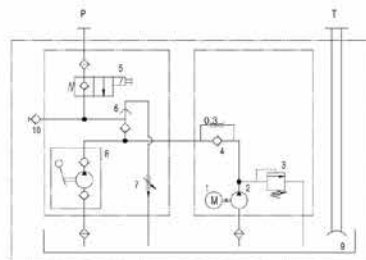
CODE

**WS02**

Dimension



Hydraulic Circuit



No.	Parts	Specification
1	Motor	0.6KW, 12V
2	Pump	-
3	Relief valve	100 BAR
4	Orifice valve	#0.3
5	Solenoid valve & Override valve	DC 12V
6	Shuttle valve	-
7	Speed control valve	-
8	Hand pump	8.2 CC/STROKE
9	Oil tank	1.6L (USE : 1.3L)
10	Test point plug	-

**SPECIAL POWER PACK**



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DISTRIBUIDOR EXCLUSIVO:

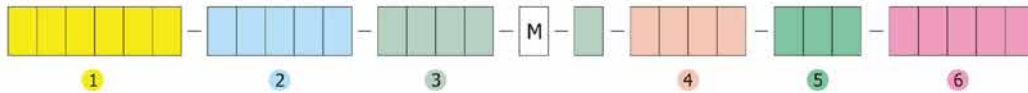


CODE	WS20/035																								
Dimension																									
Hydraulic Circuit	<table border="1" data-bbox="820 1733 1230 1933"> <thead> <tr> <th>No.</th> <th>Parts</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Motor</td> <td>0.8KW, 12V</td> </tr> <tr> <td>2</td> <td>Pump</td> <td>-</td> </tr> <tr> <td>3</td> <td>Check valve</td> <td>-</td> </tr> <tr> <td>4</td> <td>Relief valve</td> <td>140 BAR</td> </tr> <tr> <td>5</td> <td>Solenoid valve &amp; Override valve</td> <td>DC 12V</td> </tr> <tr> <td>6</td> <td>Pressure compensated valve</td> <td>2.5 L/MIN</td> </tr> <tr> <td>7</td> <td>Oil tank</td> <td>2L (USE - 1.5L)</td> </tr> </tbody> </table>	No.	Parts	Specification	1	Motor	0.8KW, 12V	2	Pump	-	3	Check valve	-	4	Relief valve	140 BAR	5	Solenoid valve & Override valve	DC 12V	6	Pressure compensated valve	2.5 L/MIN	7	Oil tank	2L (USE - 1.5L)
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**SPECIAL POWER PACK**


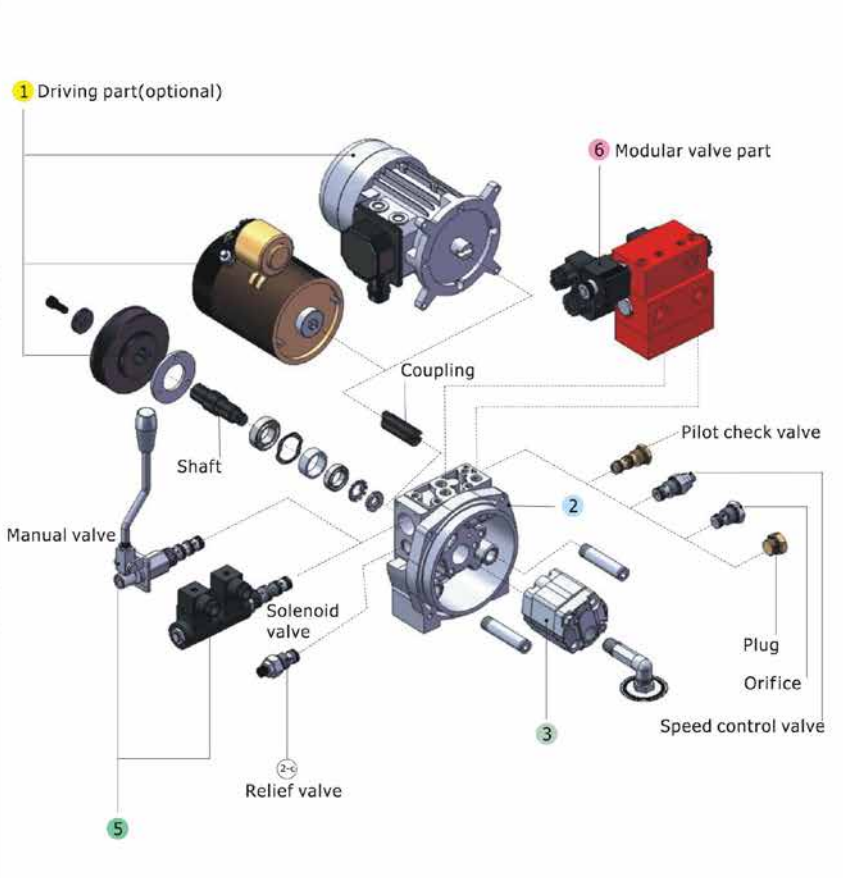


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## BELT DRIVEN POWER PACK



### CODING SYSTEM

1 Driving Part	4 Oil Tank
2 Center Block	5 Built-in Valve
3 Pump	6 Modular Valve Part

<p>Manual valve type</p> 	
<p>Solenoid valve type</p> 	
<p>Modular valve type</p> 	

#### Order coding example

**Description :**

- ① Driving Part : Without Driving Part
- ④ Tank : Round Type 2 Liter
- ② Center Block : Series-EP, Diagram No.3-type, Relief valve 180 kg-f/cm<sup>2</sup>
- ⑤ Built-in Valve : Manual Valve
- ③ Pump : Gear Pump 1 Group, Clockwise, 3.2cc/rev
- ⑥ Modular Valve : Without Modular Valve

**Example** — X X X X X X — E P O 3 C — G O 3 2 — M — R — M R 0 2 — M C X

1
2
3
4
5

— X X X X X X

6



