



YEOSHE

Hydraulic Power Unit

- Inverter power pack
- Customised non-inverter power pack



www.yeoshehydraulic.com

Efficient Performance
Innovative Technology
Reliable Quality and Service

YEOSHE HYDRAULICS CO.,LTD.



Hydraulic Power Unit

YEOSHE

Standard Type



TP Series
(Inverter drive hydraulic unit)



TPC Series
(Inverter drive hydraulic unit)



TP-N Series
(Non-Inverter drive)

TP Series

TP Series: TP-AR / TP-V

● **Energy-Saving Hydraulic Unit**



※ : Standard Type

① Series	TP (TP-AR)		④ Motor Capacity	KW (HP)		Tank (L)					
② Volume Tank (Liter)	※10: 10L	※20: 20L		07	0.75KW(1HP)	10L	20L	30L	40L	60L	80L
	※30: 30L	※40: 40L				●	●	-	-	-	-
60: 60L	80: 80L	15		1.5KW(2HP)	●	●	-	-	-	-	
③ Drive Type	C: Inside drive type Back side open			22	2.2KW(3HP)	●	●	●	●	-	-
	R: Inside drive type Right side open			37	3.7KW(5HP)	-	-	●	●	-	-
	※L: Inside drive type Left side open		55	5.5KW(7 1/2HP)	-	-	-	-	●	●	
			-:non-supply								
Tank: (L)	10L / 20L / 30L / 40L 60L / 80L		⑤ Pump	Piston pump series: AR series							

⑥ Displacement (Pump)	08	08 cm ³ /rev	⑦ Pressure Adj. Range	※B	12~70 kgf/cm ²
	12	12 cm ³ /rev		※C	12~210 kgf/cm ²
	16	16 cm ³ /rev		Since different voltages of motor will be different for torque force in different countries. Now YEOSHE standard inverter power pack is equipped with voltage AC220V.	
	22	22 cm ³ /rev			

⑧ Voltage	※22	AC220 50/60Hz	⑨ Option	F、P Series: Manifold block (Please refer to page12~14)	
	※38	AC380 50/60Hz			
	48	AC480 50/60Hz	⑩ Thread	10	PT(RC)
	Other voltages are available upon request.			40	BSPP(G)



Hydraulic Power Unit

YEOSHE

TP Series

TP Series: TP-AR / TP-V

● **Energy-Saving Hydraulic Unit**

TP-V
Category

TP
Series
①

20
Liter
②

C
Drive Type
③

15
Motor Capacity
④

V
Pump
⑤

15
Displacement
⑥

2
Pressure
⑦

22
Voltage
⑧

Design no.

T3 - **10**
Option Thread
⑨ ⑩
Accessory

※ : Standard Type

① Series	TP (TP-V)	④ Motor Capacity	KW (HP)		Tank (L)					
② Volume Tank (Liter)	※10: 10L ※20: 20L ※30: 30L ※40: 40L 60: 60L 80: 80L		07	0.75KW(1HP)	10L	20L	30L	40L	60L	80L
③ Drive Type	C: Inside drive type Back side open		15	1.5KW(2HP)	●	●	-	-	-	-
	R: Inside drive type Right side open		22	2.2KW(3HP)	●	●	●	●	-	-
	※L: Inside drive type Left side open		37	3.7KW(5HP)	-	-	●	●	-	-
	Tank: 10L / 20L / 30L / 40L 60L / 80L		55	5.5KW(7 1/2HP)	-	-	-	-	●	●
		⑤ Pump	Piston pump series: V series							

⑥ Displacement (Pump)	08	08 cm ³ /rev	⑦ Pressure Adj. Range	※1	08~70 kgf/cm ²
	15	15 cm ³ /rev		※2	15~140 kgf/cm ²
	18	18 cm ³ /rev		※3	20~210 kgf/cm ²
	23	23 cm ³ /rev		4	20~250 kgf/cm ²
	25	25 cm ³ /rev		Since different voltages of motor will be different for torque force in different countries. Now YEOSHE standard inverter power pack is equipped with voltage AC220V.	
	38	38 cm ³ /rev			
	42	42 cm ³ /rev			

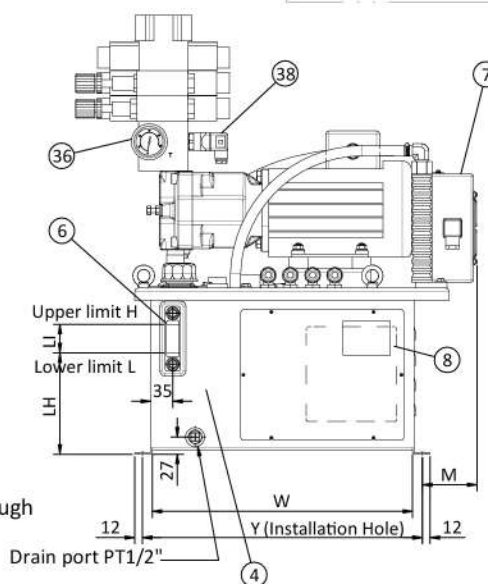
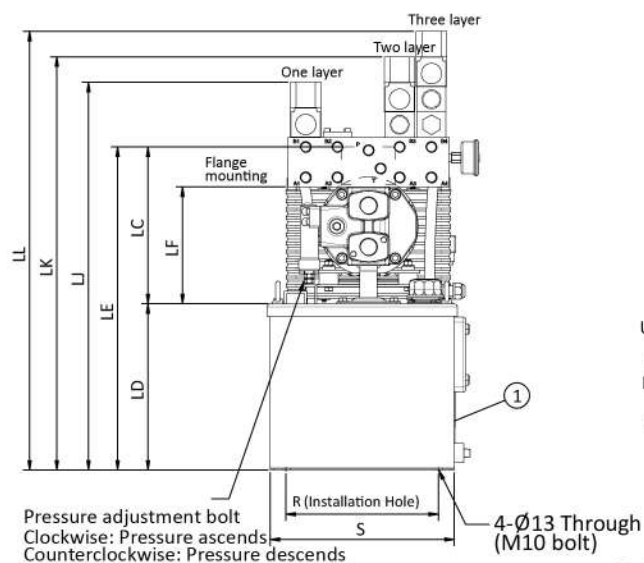
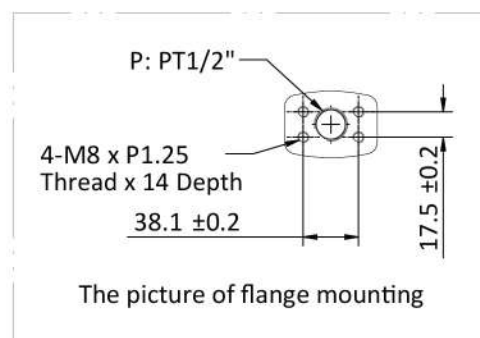
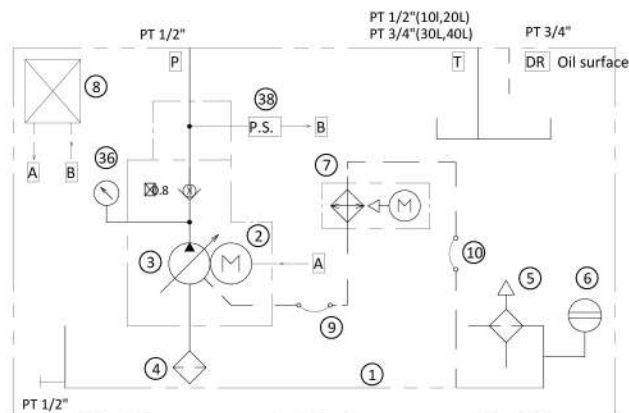
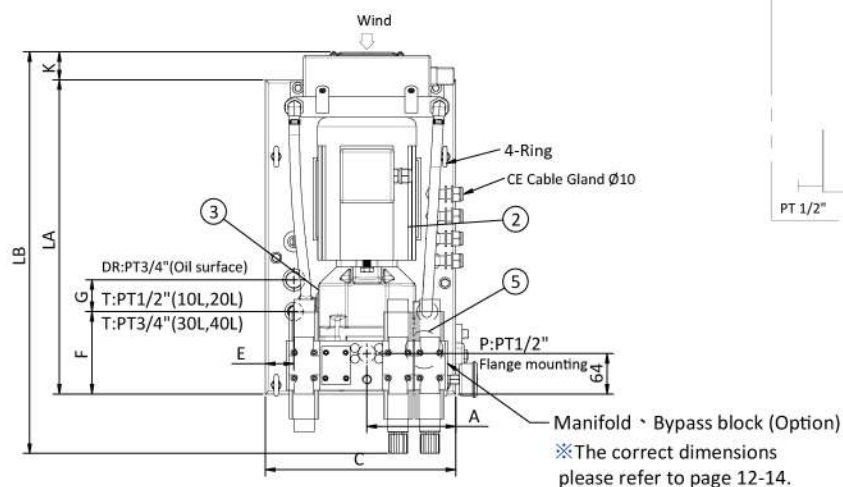
⑧ Voltage	※22	AC220 50/60Hz	⑨ Option	T Series : Bypass block(Please refer to page12~14)	
	※38	AC380 50/60Hz	⑩ Thread		
	48	AC480 50/60Hz			
	Other voltages are available upon request.		⑩ Thread	10	PT(RC)

TP Series

●TP-AR Series / Inverter / Dimensions Drawing

Unit:mm

Right side open



NO	Name
1	Power tank
2	Motor
3	Axial piston pump
4	Oil filter
5	Oil injector
6	Oil level
7	Air cooler
8	Controller
36	Pressure gauge
38	Pressure sensor

Model	Size																								Weight (kg)
	LA	LB	LC	LD	LE	LF	LH	LI	LJ	LK	LL	H	L	A	C	E	F	G	K	M	R	Y	S	W	
TP-10R-07AR * * *	495	633	247	262	509	184	159	45	611	651	691	14L	10L	140	300	45	130	50	44	86	240	441	290	410	46
TP-10R-15AR * * *	520	662	273		535	200			627	667	707								48	115					51
TP-10R-22AR * * *	565	705	295		557	210			637	677	717								46	158					56
TP-20R-07AR * * *	495	633	217	362	579	154	259	45	681	721	761	21L	18L	140	300	45	130	50	44	86	240	441	290	410	58
TP-20R-15AR * * *	520	662	243		605	170			697	737	777								48	115					64
TP-20R-22AR * * *	565	705	265		627	180			707	747	787								46	158					70
TP-30R-22AR * * *	565	706	265	320	585	180	218	45	665	705	745	31L	25L	185	370	55	55	55	47	59	290	541	360	510	84
TP-30R-37AR * * *	595	736																		89					92
TP-40R-22AR * * *	565	706	265	420	685	180	318	45	765	805	845	43L	38L	185	370	55	55	55	47	59	290	541	360	510	89
TP-40R-37AR * * *	595	736																		89					97

※Specification and design are subject to change without notice.

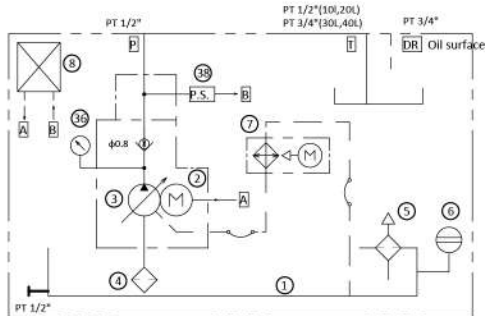


TP Series

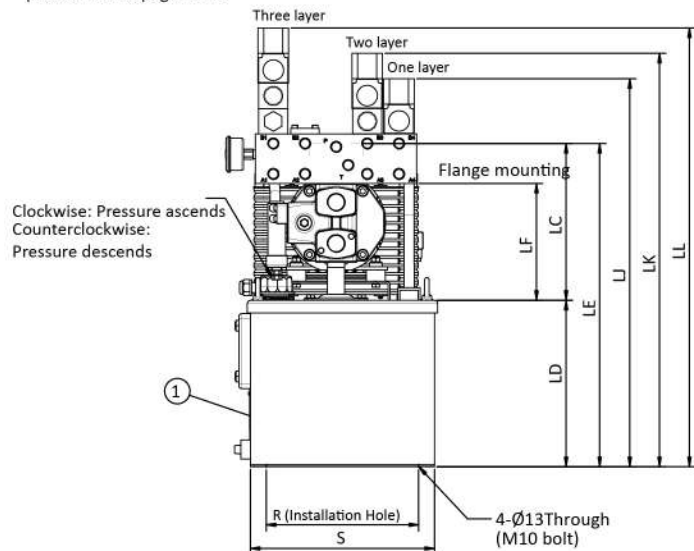
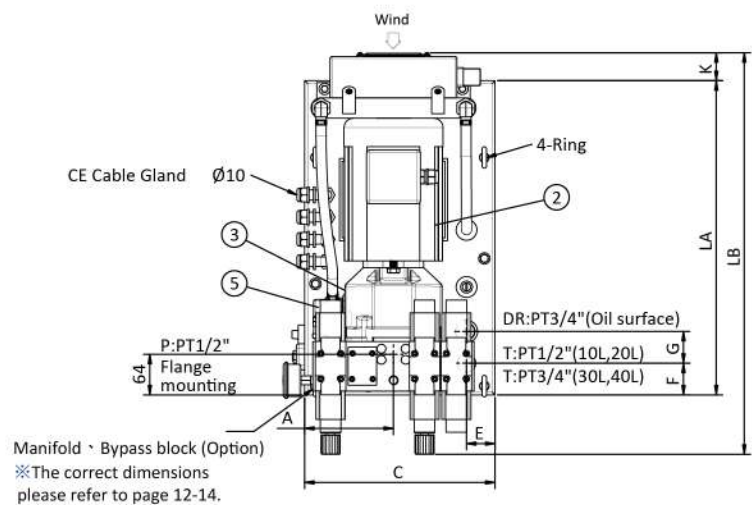
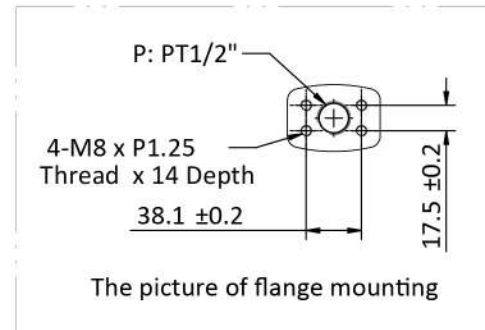
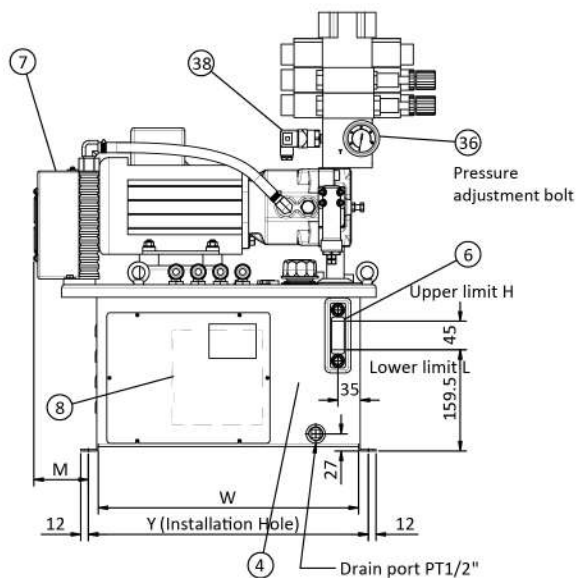
•TP-AR Series / Inverter / Dimensions Drawing

Unit:mm

Left side open



NO	Name
1	Power tank
2	Motor
3	Axial piston pump
4	Oil filter
5	Oil injector
6	Oil level
7	Air cooler
8	Controller
36	Pressure gauge
38	Pressure sensor



Model	Size																								Weight (kg)
	LA	LB	LC	LD	LE	LF	LH	LI	LJ	LK	LL	H	L	A	C	E	F	G	K	M	R	Y	S	W	
TP-10L-07AR * * *	495	633	247	262	509	184	159	45	611	651	691	14L	10L	140	300	45	130	50	44	86	240	441	290	410	46
TP-10L-15AR * * *	520	662	273		535	200			627	667	707								48	115					51
TP-10L-22AR * * *	565	705	295		557	210			637	677	717								46	158					56
TP-20L-07AR * * *	495	633	217	362	579	154	259	45	681	721	761	21L	18L	140	300	45	130	50	44	86	240	441	290	410	58
TP-20L-15AR * * *	520	662	243		605	170			697	737	777								48	115					64
TP-20L-22AR * * *	565	705	265		627	180			707	747	787								46	158					70
TP-30L-22AR * * *	565	706	265	320	585	180	218	45	665	705	745	31L	25L	185	370	55	55	55	59	290	541	360	510	84	
TP-30L-37AR * * *	595	736																	89					92	
TP-40L-22AR * * *	565	706	265	420	685	180	318	45	765	805	845	43L	38L	185	370	55	55	55	59	290	541	360	510	89	
TP-40L-37AR * * *	595	736																	89					97	

※Specification and design are subject to change without notice.



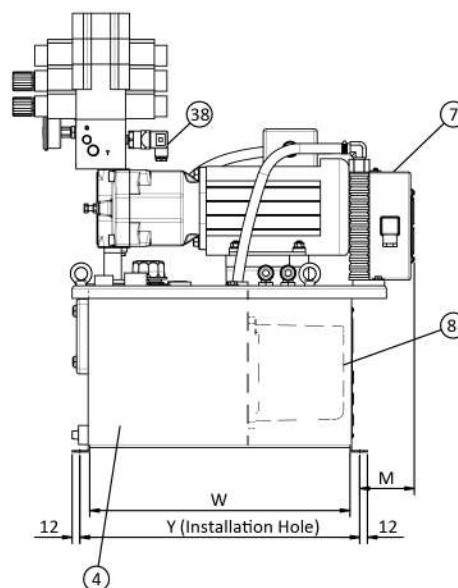
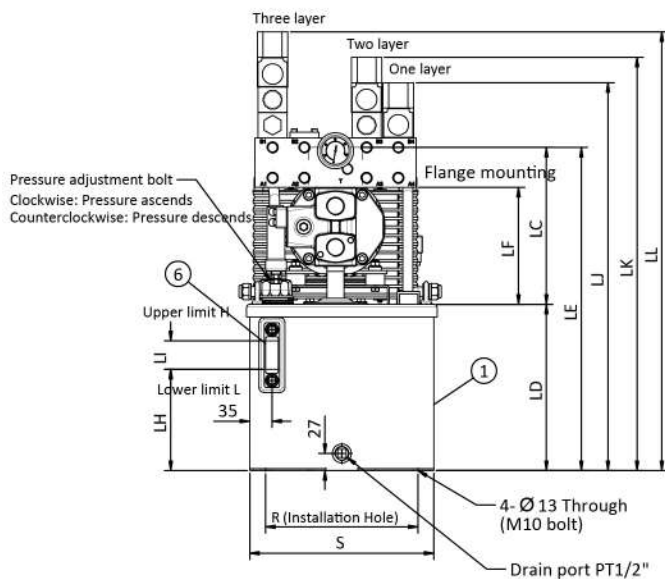
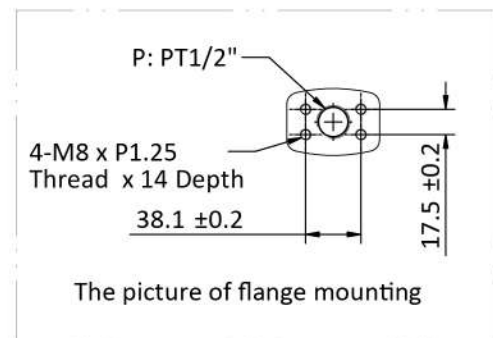
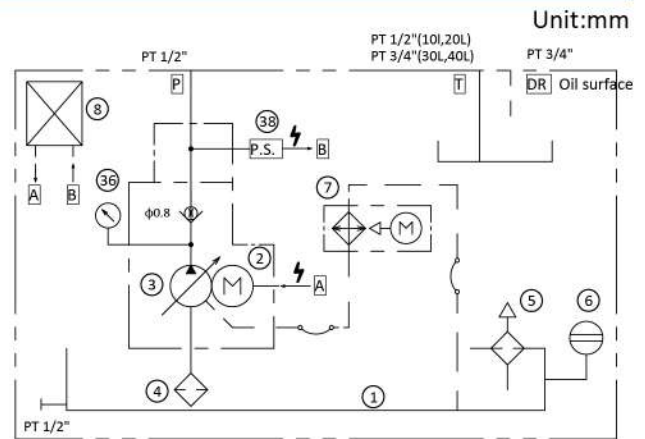
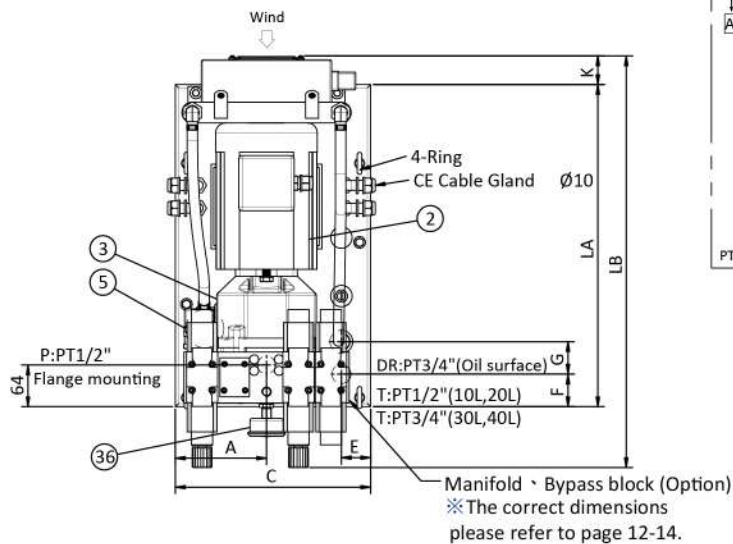
Hydraulic Power Unit

YEOSHE

TP Series

•TP-AR Series / Inverter / Dimensions Drawing

Left side open



NO	Name
1	Power tank
2	Motor
3	Axial piston pump
4	Oil filter
5	Oil injector
6	Oil level
7	Air cooler
8	Controller
36	Pressure gauge
38	Pressure sensor

Model	Size																							Weight (kg)	
	LA	LB	LC	LD	LE	LF	LH	LI	LJ	LK	LL	H	L	A	C	E	F	G	K	M	R	Y	S		W
TP-10C-07AR * * *	495	633	247	262	509	184	159	45	611	651	691	14L	10L	140	300	45	130	50	44	86	240	441	290	410	46
TP-10C-15AR * * *	520	662	273		535	200			627	667	707								48	115					51
TP-10C-22AR * * *	565	705	295		557	210			637	677	717								46	158					56
TP-20C-07AR * * *	495	633	217	362	579	154	259	45	681	721	761	21L	18L	140	300	45	130	50	44	86	240	441	290	410	58
TP-20C-15AR * * *	520	662	243		605	170			697	737	777								48	115					64
TP-20C-22AR * * *	565	705	265		627	180			707	747	787								46	158					70
TP-30C-22AR * * *	565	706	265	320	585	180	218	45	665	705	745	31L	25L	185	370	55	55	55	59	290	541	360	510	84	
TP-30C-37AR * * *	595	736																	89					92	
TP-40C-22AR * * *	565	706	265	420	685	180	318	45	765	805	845	43L	38L	185	370	55	55	55	59	290	541	360	510	89	
TP-40C-37AR * * *	595	736																	89					97	

※Specification and design are subject to change without notice.



Hydraulic Power Unit

YEOSHE

TPC Series

TPC Series: TPC-AR / TPC-V

● **Energy-Saving Hydraulic Unit**



Category

TPC
Series
①

20
Liter
②

L
Drive Type
③

15
Motor Capacity
④

AR
Pump
⑤

16
Displacement
⑥

C
Pressure
⑦

22
Voltage
⑧

Design no.

F2 - 10
Option Thread
⑨ ⑩
Accessory

※ : Standard Type

① Series	TPC (TPC-AR) ■ 2 stage pressure & Flow	② Volume Tank (Liter)	※10: 10L ※20: 20L ※30: 30L ※40: 40L 60: 60L 80: 80L
----------	---	-----------------------	--

③ Drive Type	C: Inside drive type Back side open	④ Motor Capacity	KW (HP)		Tank (L)					
	R: Inside drive type Right side open		07	0.75KW(1HP)	10L	20L	30L	40L	60L	80L
	※L: Inside drive type Left side open		15	1.5KW(2HP)	●	●	-	-	-	-
	Tank: 10L / 20L / 30L / 40L (L) 60L / 80L		22	2.2KW(3HP)	●	●	●	●	-	-
			37	3.7KW(5HP)	-	-	●	●	-	-
			55	5.5KW(7 1/2HP)	-	-	-	-	●	●
-: non-supply										

⑤ Pump	Piston pump series: AR series
--------	-------------------------------

⑥ Displacement (Pump)	08	08 cm ³ /rev	⑦ Pressure Adj. Range	※B	12~70 kgf/cm ²
	12	12 cm ³ /rev		C	12~210 kgf/cm ²
	16	16 cm ³ /rev		Since different voltages of motor will be different for torque force in different countries. Now YEOSHE standard inverter power pack is equipped with voltage AC220V.	
	22	22 cm ³ /rev			

⑧ Voltage	※22	AC220 50/60Hz	⑨ Option	F、P Series: Manifold block (Please refer to page12~14)	
	※38	AC380 50/60Hz			
	48	AC480 50/60Hz	⑩ Thread	10	PT(RC)
	Other voltages are available upon request.			40	BSPP(G)



Hydraulic Power Unit

YEOSHE

TPC Series

TPC Series: TPC-AR / TPC-V

● **Energy-Saving Hydraulic Unit**



Category

TPC
Series
①

20
Liter
②

L
Drive Type
③

15
Motor Capacity
④

V
Pump
⑤

18
Displacement
⑥

2
Pressure
⑦

22
Voltage
⑧

Design no.

T3 - 10
Option Thread
⑨ ⑩
Accessory

※ : Standard Type

① Series	TPC (TPC-V) ■ 2 stage pressure & Flow	② Volume Tank (Liter)	※10: 10L ※20: 20L ※30: 30L ※40: 40L 60: 60L 80: 80L
----------	--	-----------------------	--

③ Drive Type	C: Inside drive type Back side open	④ Motor Capacity	KW(HP)		Tank (L)					
	10L				20L	30L	40L	60L	80L	
	R: Inside drive type Right side open		07	0.75KW(1HP)	●	●	-	-	-	-
	※L: Inside drive type Left side open		15	1.5KW(2HP)	●	●	-	-	-	-
	Tank: 10L / 20L / 30L / 40L (L) 60L / 80L		22	2.2KW(3HP)	●	●	●	●	-	-
	37		3.7KW(5HP)	-	-	●	●	-	-	
			55	5.5KW(7 1/2HP)	-	-	-	-	●	●
-:non-supply										

⑤ Pump	Piston pump series: V series
--------	------------------------------

⑥ Displacement (Pump)	15	15 cm ³ /rev	⑦ Pressure Adj. Range	※1	08~70 kgf/cm ²
	18	18 cm ³ /rev		※2	15~140 kgf/cm ²
	23	23 cm ³ /rev		※3	20~210 kgf/cm ²
	25	25 cm ³ /rev		4	20~250 kgf/cm ²
	38	38 cm ³ /rev		Since different voltages of motor will be different for torque force in different countries. Now YEOSHE standard inverter power pack is equipped with voltage AC220V.	
	42	42 cm ³ /rev			

⑧ Voltage	※22	AC220 50/60Hz	⑨ Option	T Series : Bypass block(Please refer to page12~14)	
	※38	AC380 50/60Hz	⑩ Thread	10	PT(RC)
	48	AC480 50/60Hz			
	Other voltages are available upon request.				



Hydraulic Power Unit

YEOSHE

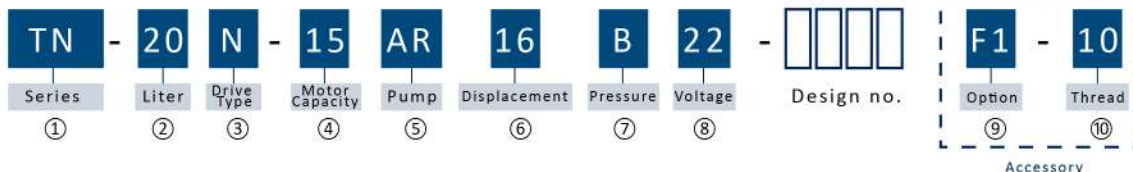
TN Series

TN Series: TN-AR / TN-V / TN-VD

● **Non-Inverter drive**



Category



※: Standard Type

① Series	TN(TN-AR)	② Volume Tank (Liter)	※10: 10L ※20: 20L ※30: 30L ※40: 40L 60: 60L 80: 80L
----------	-----------	-----------------------	--

③ Drive Type	N: Non-Inverter drive
--------------	-----------------------

④ Motor Capacity	KW(HP)	Tank (L)						⑤ Pump	Piston pump series: AR series
		10L	20L	30L	40L	60L	80L		
07	0.75KW(1HP)	●	●	-	-	-	-		
15	1.5KW(2HP)	●	●	-	-	-	-		
22	2.2KW(3HP)	●	●	●	●	-	-		
37	3.7KW(5HP)	-	-	●	●	-	-		
55	5.5KW(7 1/2HP)	-	-	-	-	●	●		
-: non-supply									

⑥ Displacement (Pump)	08	08 cm ³ /rev	⑦ Pressure Adj. Range	※B	12~70 kgf/cm ²
	12	12 cm ³ /rev		※C	12~210 kgf/cm ²
	16	16 cm ³ /rev		Since different voltages of motor will be different for torque force in different countries. Now YEOSHE standard inverter power pack is equipped with voltage AC220V.	
	22	22 cm ³ /rev			

⑧ Voltage	※22	AC220 50/60Hz	⑨ Option	F、P Series: Manifold block(Please refer to page12~14)	
	※38	AC380 50/60Hz			
	48	AC480 50/60Hz	⑩ Thread	10	PT(RC)
	Other voltages are available upon request.			40	BSPP(G)



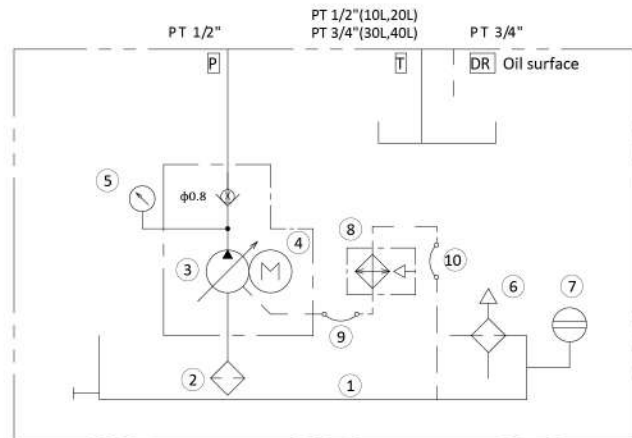
TN Series

•TN-AR Series / Non-Inverter / Dimensions Drawing

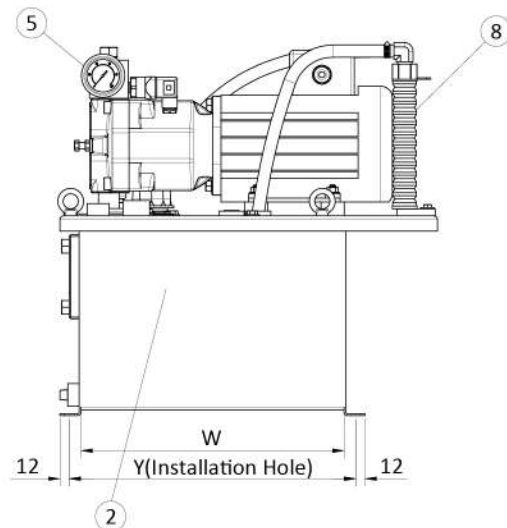
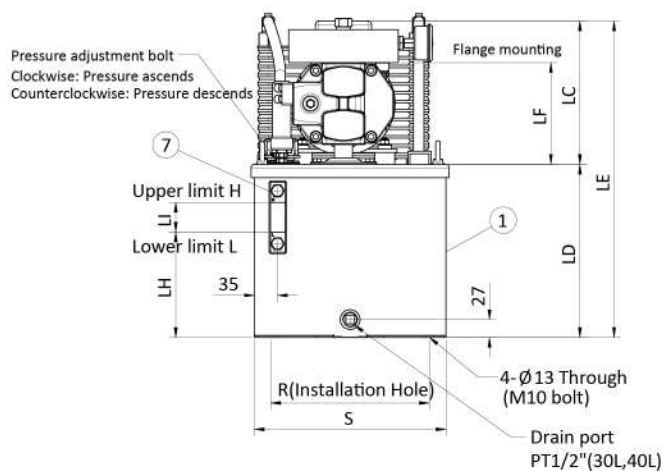
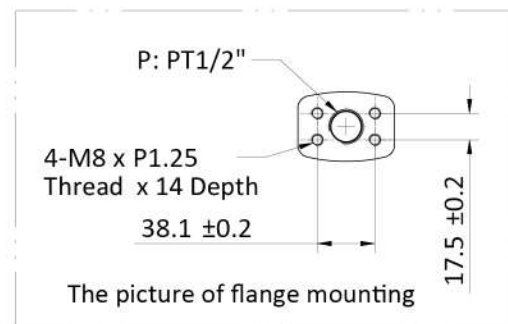
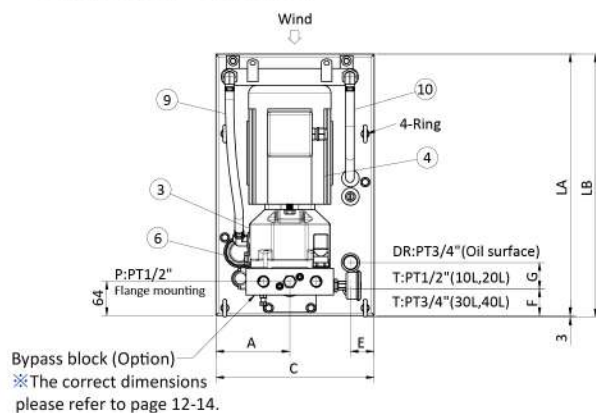
Unit:mm

Standard(non-inverter)

Number	Name
01	Power tank
02	Oil filter
03	Axial piston pump
04	Motor
05	Pressure gauge
06	Oil injector
07	Oil level
08	Air cooler
09	Pipe
10	Pipe



Axial Piston Pump (AR)



Model	Size																		Weight (kg)
	LA	LB	LC	LD	LE	LF	LH	LI	H	L	A	C	E	F	G	R	Y	S	
TN-10-07AR ***	495	498	217		379	154													33
TN-10-15AR ***	520	523	243	162	405	170	60	45	10L	9L	140	300	45	50	50	240	376	290	37
TN-10-22AR ***	565	568	265		427	180													42
TN-20-07AR ***	495	498	217		479	154													35
TN-20-15AR ***	520	523	243	262	505	170	159.5	45	20L	15L	140	300	45	50	50	240	376	290	39
TN-20-22AR ***	565	568	265		527	180													44
TN-30-22AR ***	565	568																	63
TN-30-37AR ***	595	598	265	227	612	180	203	45	30L	25L	150	370	55	55	55	290	426	340	71
TN-40-22AR ***	565	568																	67
TN-40-37AR ***	595	598	265	306	571	180	282	45	40L	35L	150	370	55	55	55	290	426	340	76

※Specification and design are subject to change without notice.



Hydraulic Power Unit

YEOSHE

TN Series

TN Series: TN-AR / TN-V / TN-VD

● **Non-Inverter drive**



Category

TN
Series
①

20
Liter
②

N
Drive Type
③

15
Motor Capacity
④

VD
Vane Pump
⑤

16
Displacement
⑥

B
Pressure
⑦

22
Voltage
⑧

Design no.

F2 - **10**
Option Thread
⑨ ⑩
Accessory

※: Standard Type

① Series	TN(TN-VD)	② Volume Tank (Liter)	※10: 10L ※20: 20L ※30: 30L ※40: 40L
-------------	-----------	--------------------------	-------------------------------------

③ Drive Type	N: Non-Inverter drive
-----------------	-----------------------

④ Motor Capacity	KW(HP)	Tank (L)			
		10L	20L	30L	40L
07	0.75KW(1HP)	●	●	-	-
15	1.5KW(2HP)	●	●	-	-
22	2.2KW(3HP)	●	●	●	●
37	3.7KW(5HP)	-	-	●	●
-:non-supply					

⑤ Vane Pump	Vane pump Series	
	※VD Series SVD Series	

⑥ Displacement (Pump)	Displacement	Vane pump Series	
		VD	SVD
08	08 cm ³ /rev	-	●
12	12 cm ³ /rev	-	●
16	16 cm ³ /rev	●	-
-:non-supply			

⑦ Pressure Adj. Range	※A	08~20 kgf/cm ²
	※B	15~35 kgf/cm ²
	※C	30~55 kgf/cm ²
	D	50~70 kgf/cm ²
Since different voltages of motor will be different for torque force in different countries. Now YEOSHE standard inverter power pack is equipped with voltage AC220V.		

⑧ Voltage	※22	AC220 50/60Hz	⑨ Option	F、P Series: Manifold block(Please refer to page12~14)	
	※38	AC380 50/60Hz			
	48	AC480 50/60Hz	⑩ Thread	10	PT(RC)
	Other voltages are available upon request.			40	BSPP(G)



Hydraulic Power Unit

YEOSHE

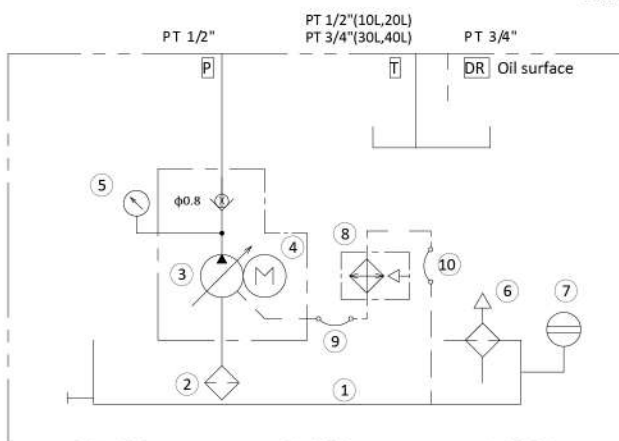
TN Series

•TN-VD Series / Non-Inverter / Dimensions Drawing

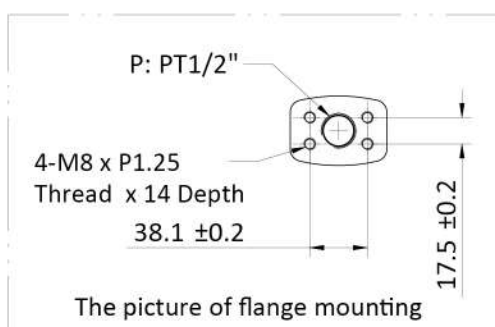
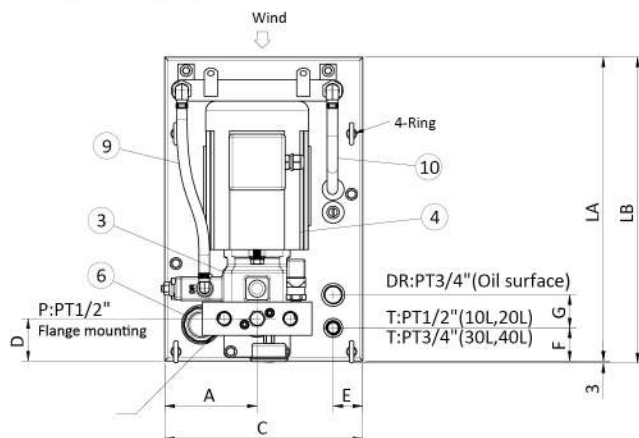
Standard(non-inverter)

Unit:mm

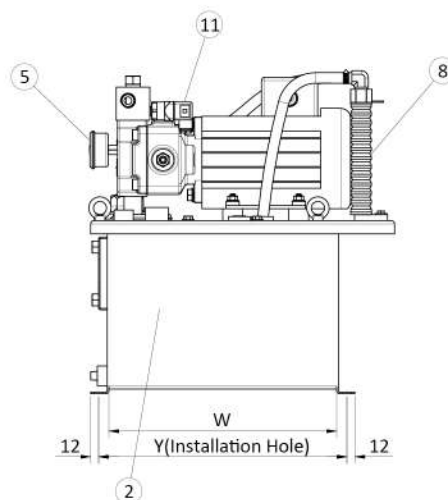
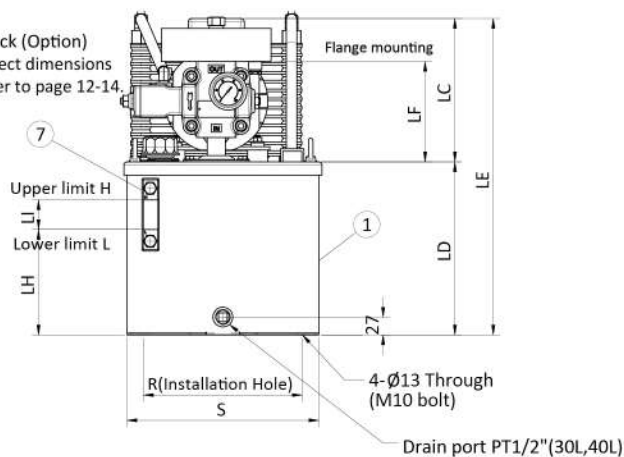
NO	Name
01	Power tank
02	Oil filter
03	Vane pump
04	Motor
05	Pressure gauge
06	Oil injector
07	Oil level
08	Air cooler
09	Pressure sensor
10	Controller



Vane Pump Series (VD/SVD)



Bypass block (Option)
※The correct dimensions
please refer to page 12-14



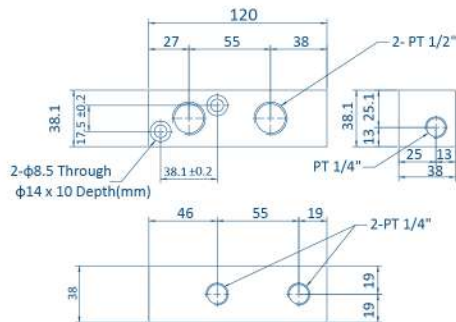
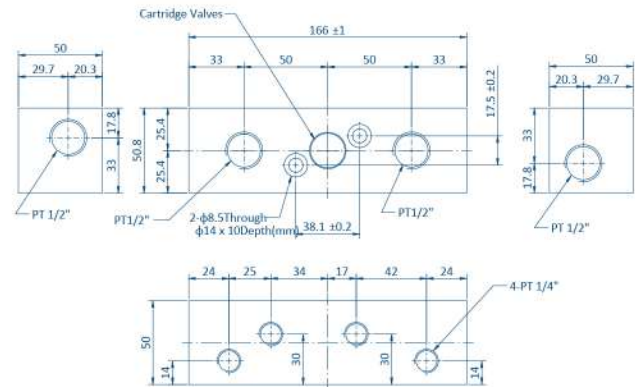
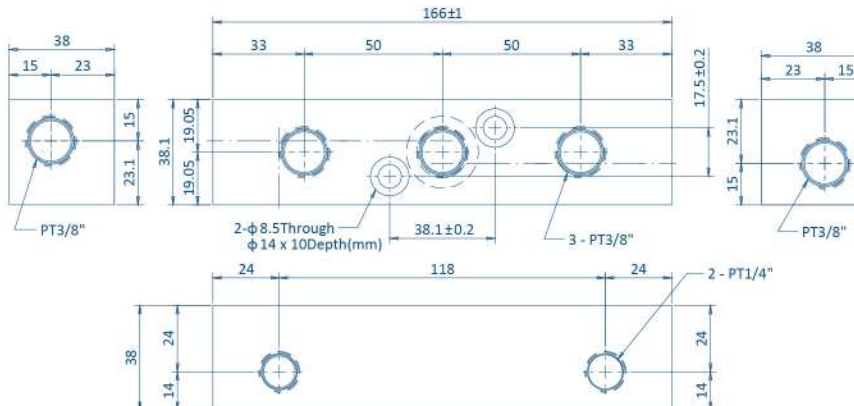
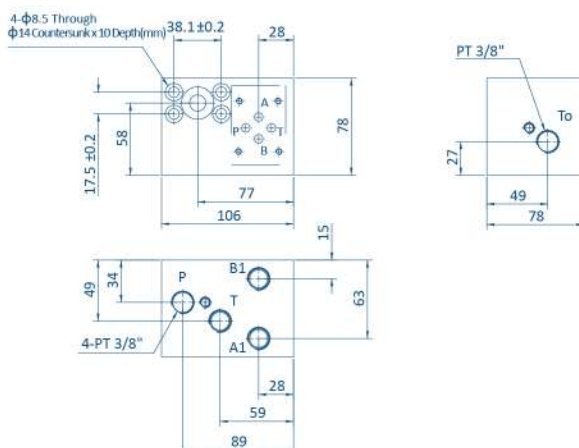
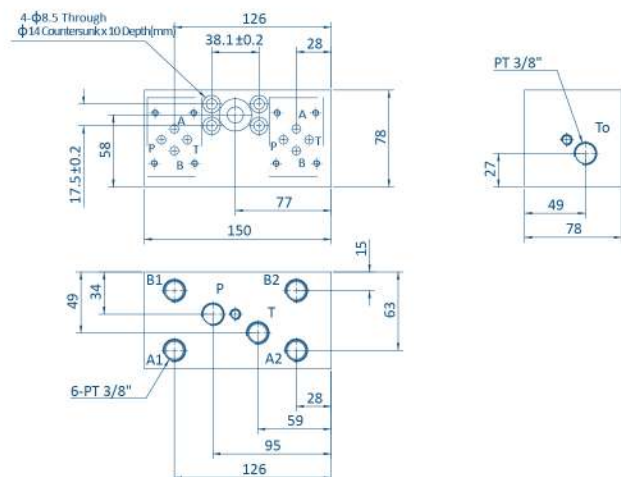
Model	Size																				Weight (kg)
	LA	LB	LC	LD	LE	LF	LH	LI	H	L	A	C	D(VD/SVD)	E	F	G	R	Y	S	W	
TN-10-07AR ***	460	463	217		379	152															33
TN-10-15AR ***	480	483	243	162	405	168	59	45	10L	9L	140	300	64/79	45	50	50	240	176	290	345	37
TN-10-22AR ***	520	523	265		427	178															42
TN-20-07AR ***	460	463	217		479	152															35
TN-20-15AR ***	480	483	243	262	505	168	159	45	20L	15L	140	300	64/79	45	50	50	240	376	290	345	39
TN-20-22AR ***	520	523	265		527	178															44
TN-30-22AR ***	525	528		265	452	178	124	45	30L	25L	150	350	64/79	55	55	55	290	426	340	395	63
TN-30-37AR ***	555	558																			71
TN-40-22AR ***	525	528		265	452	178	124	45	40L	35L	150	350	64/79	55	55	55	290	426	340	395	67
TN-40-37AR ***	525	558																			76

※Specification and design are subject to change without notice.



TP / TPC / TN Series Option-Manifold Block

Unit:mm

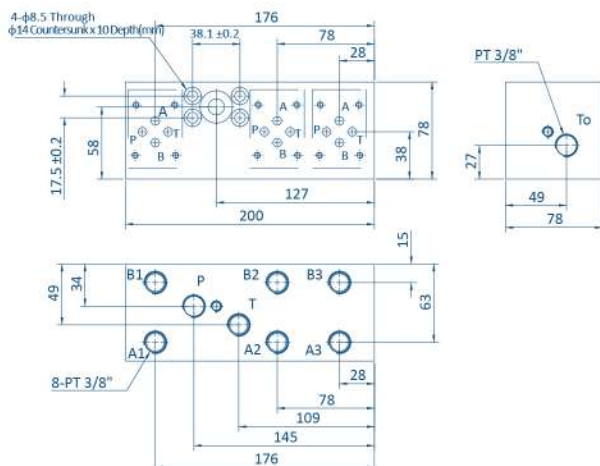
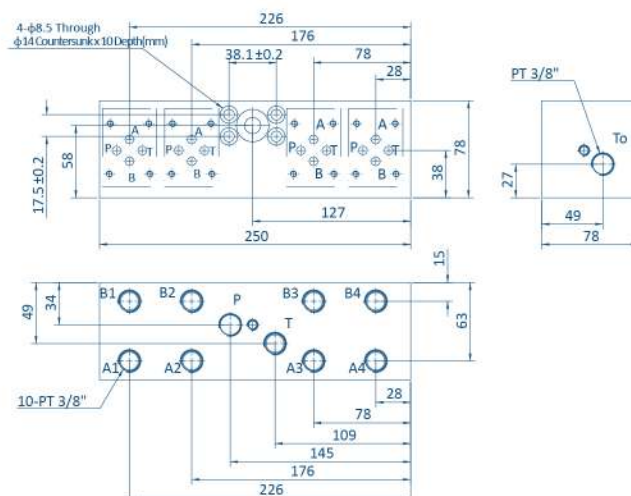
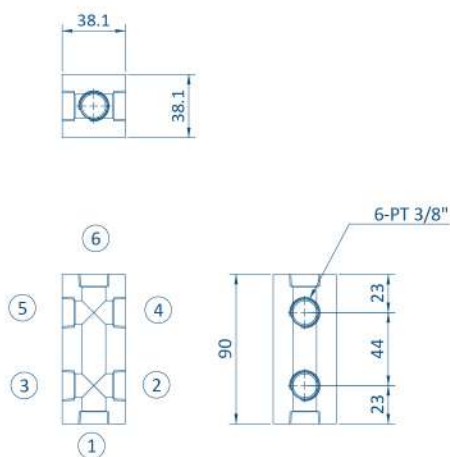
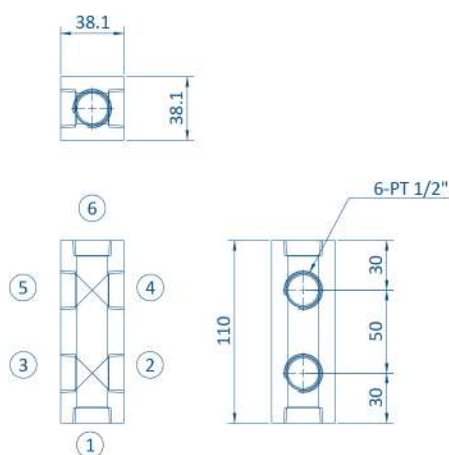
P2 (Applicable pump type: AR piston pump, VD vane pump)**P3** (Applicable pump type: AR, VD) with mounting holes for cartridge valve**P3** (Applicable pump type: AR piston pump, VD vane pump) without mounting holes for cartridge valve**F1** (Applicable pump type AR piston pump, VD vane pump)**F2** (Applicable pump type AR piston pump, VD vane pump)

▲ Specification and design are subject to change without notice.



TP / TPC / TN Series Option-Manifold Block

Unit:mm

F3 (Applicable pump type: AR piston pump, VD vane pump)**F4** (Applicable pump type: AR piston pump, VD vane pump)**T3** (Applicable pump type: AR / V piston pump, VD vane pump)**T4** (Applicable pump type: AR / V piston pump, VD vane pump)

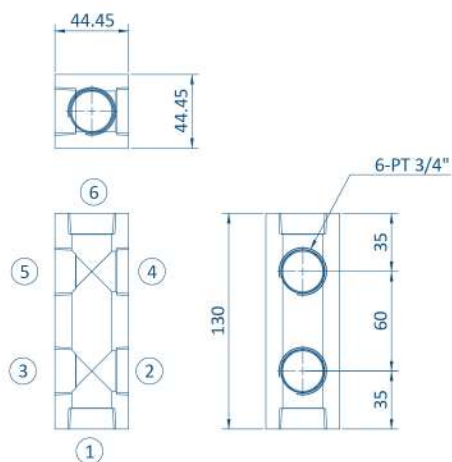
▲ Specification and design are subject to change without notice.

TP / TPC / TN Series Option-Manifold Block

Unit:mm

T6

(Applicable pump type: AR / V piston pump,
VD vane pump)



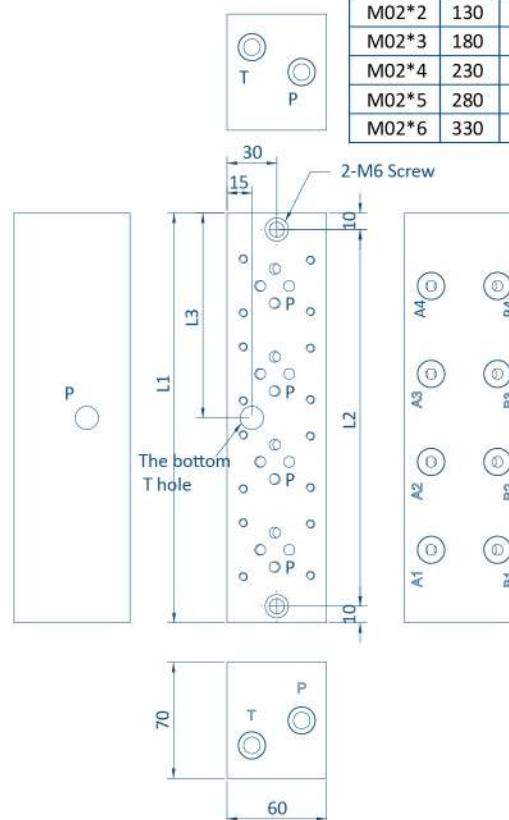
M02*1~M02*6

(Applicable pump type: AR / V piston pump,
VD vane pump)

P、T、A、B: PT 3/8"

(Connect with pump via oil pipe)

	L1	L2	L3
M02*1	80	60	30
M02*2	130	110	65
M02*3	180	160	65
M02*4	230	210	115
M02*5	280	260	115
M02*6	330	310	165





TN Customized Series

Character

Extra inverter is attachable

- TN standard type (non- inverter drive), extra inverter is attachable.
- Only suitable for YEOSHE pumps and motors.
With same function and quality as japan product, but more reasonable price.
- Standard hydraulic power unit can be designed by multiple requirements from users.
Easy to operate with axial piston pumps or vane pumps, various controls, energy-saving, light weight, low-cost etc.
It fits all kinds of hydraulic machines.

●Hydraulic power unit for horizontal CNC lathe

Unit:mm



34L



40L



55L

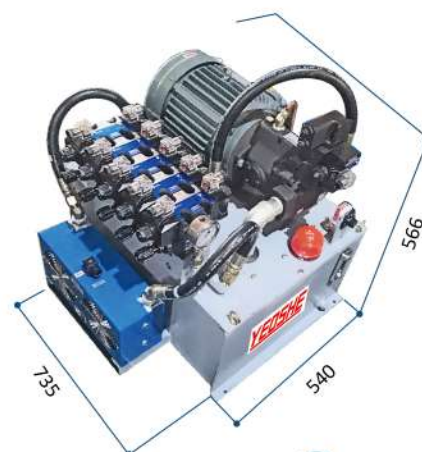
● Hydraulic power unit for aluminum wheels processing

Unit:mm



120L

● Hydraulic power unit for bending machine



75L

▲ Contact YEOSHE if you are interested in.



TP Customized Series

Character

Easy to operate	■ No need to change usual habit. ■ Turn on then start. ■ According to the motor loaded speed to change, there is no need to precise power adjust or outer directions.
Normal operation while inverter breaking off	■ While inverter breaking off, production line won't be postponed.
Extra inverter is attachable	■ TP standard type (non- inverter drive) extra inverter is attachable. ■ Only suitable for YEOSHE pumps and motors. With same function and quality as japan product,but more reasonable price. ■ Standard hydraulic power unit can be designed by multiple requirements from users. Easy to operate with axial piston pumps or vane pumps, various controls, energy-saving, light weight, low-cost etc. It fits all kinds of hydraulic machines.

● Hydraulic power unit with inverter for Aerospace Processing

Unit:mm



● Hydraulic power unit with inverter for horizontal CNC lathe



● Hydraulic power unit with inverter for injection molding machine

Unit:mm



▲ Contact YEOSHE if you are interested in.