MOTOR

1 — XX (Maker) (X is only for maker's use)

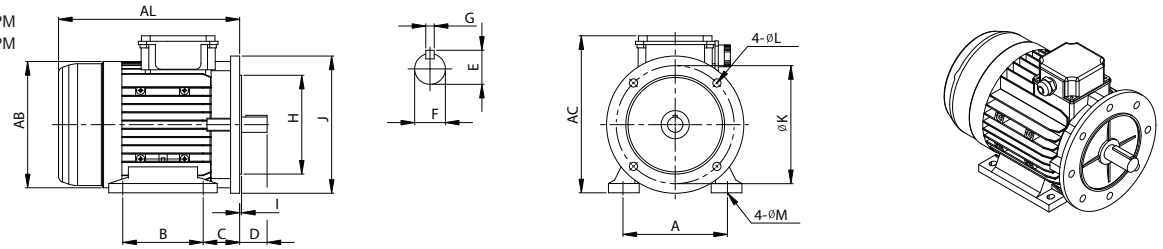
A / B / C

A						
	Code	**XXXXXX**	**H**	**S**	**T**	**F**
	Voltage	X	110V	220V	230/400V	254/440V
	Phase	Without motor	AC Single-phase motor		AC Three-phase motor	

B

Big unit motor by Hydro-tek standard design

4pole 60Hz 1700 RPM
4pole 50Hz 1500 RPM

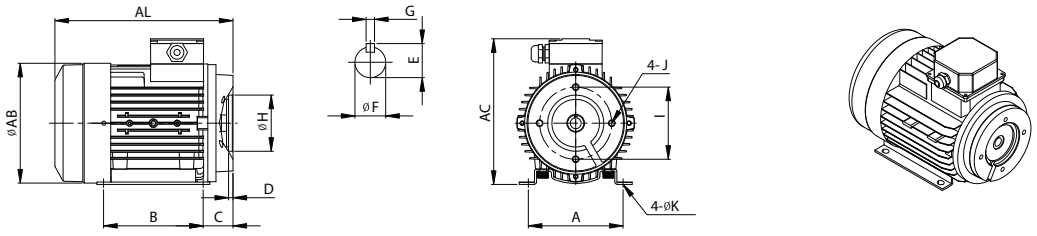


	Code		Mounting Dimension															Overall Dimension		
	pole	Kw	Frame	Kw	IP	A	B	C	D	E	F	G	H	I	J	K	L	M	AB	AC	AL
3 phase motor	4	15	090	1.5	54	140	125	56	50	27	24	8	130	3.5	200	165	12	10	176	215	280
	4	22		2.2	54	140	125	56	50	27	24	8	130	3.5	200	165	12	10	176	215	280
	4	40	112	4.0	54	190	140	70	60	31	28	8	180	4	250	215	15	12	230	265	330
	4	55		5.5	54	190	140	70	60	31	28	8	180	4	250	215	15	12	230	265	330
	4	55	132	5.5	54	216	178	89	80	41	38	10	230	4	300	265	15	12	270	325	356
	4	75		7.5	54	216	178	89	80	41	38	10	230	4	300	265	15	12	270	325	395
	4	92		9.2	54	216	178	89	80	41	38	10	230	4	300	265	15	12	270	325	420
	4	A1		11	54	216	178	89	80	41	38	10	230	4	300	265	15	12	270	325	420
	4	A5	160	15	54	254	210	108	110	47	42	12	250	5	350	300	19	15	355	430	490
1 phase motor	4	15	090	1.5	54	140	125	56	50	27	24	8	130	3.5	200	165	12	10	185	240	280
	4	22	100	2.2	54	160	140	63	60	31	28	8	180	4	250	215	15	12	205	260	310
	4	37	112	3.7	54	190	140	70	60	31	28	8	180	4	250	215	15	12	230	272	375

B

Big unit motor by Hydro-tek direct design **JD**

4pole 60Hz 1700 RPM
4pole 50Hz 1500 RPM



	Code		Mounting Dimension														Overall Dimension		
	pole	Kw	Frame	Kw	IP	A	B	C	D	E	F	G	H	I	J	K	AB	AC	AL
3 phase	4	15	090	1.5	54	140	125	55	5.5	17.73	15.88	4	82.55	106	M10	10	176	220	260
	4	22		2.2	54	140	125	55	5.5	17.73	15.88	4	82.55	106	M10	10	176	220	280
1 phase	4	15	090	1.5	54	140	125	55	5.5	17.73	15.88	4	82.55	106	M10	10	176	245	280
	4	22	100	2.2	54	140	125	55	5.5	17.73	15.88	4	82.55	106	M10	10	176	245	280

C

Code	50	60	56
Frequency (Hz)	50	60	50 / 60

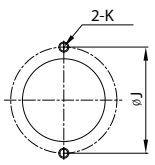
Note 1. 3-phase motor is double frequency type (50/60Hz)
2. 1-phase motor is single frequency type (50Hz or 60Hz)

Note Please contact Hydro-Tek for 2pole and 6pole motors over 15kW and DC application. (HBU with DC motor)

A

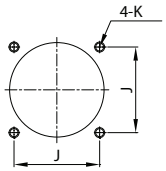
Bell housing

Code	Specification										
Frame	A	B	C	D	E	F	G	H	I	J	K
090	130	165	200	82.55	130	16	104	11	M10	106	M10
112	180	215	250	82.55	176	21	114	14	M12	106	M10
132	230	265	300	82.55	235	21	134	14	M12	106	M10

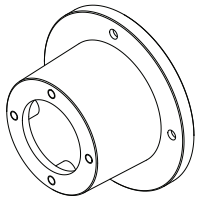


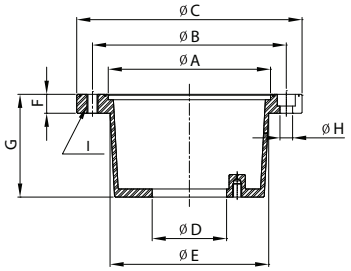
for gear pump and vane pump (12, 15, 20ℓ/min)

Frame	A	B	C	D	E	F	G	H	I	J	K
090	130	165	200	95.05	130	16	104	11	M10	90	M10
112	180	215	250	95.05	176	21	114	14	M12	90	M10
132	230	265	300	95.05	235	21	134	14	M12	90	M10



for vane pump (30, 40ℓ/min)



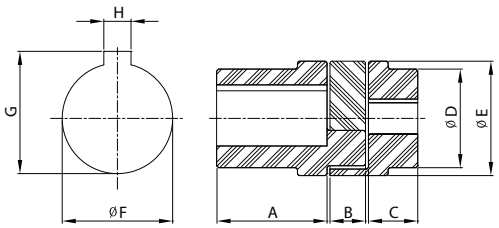


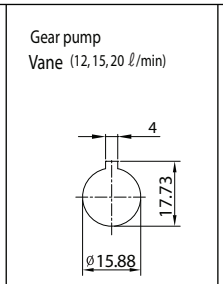
Coupling

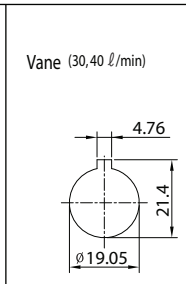
Frame	A	B	C	D	E	F	G	H
090	46.5	19	25	42	48	24	27	8
112	56	20	25	50	58	28	31	8
132	76	24	21	68	78	38	41.3	10

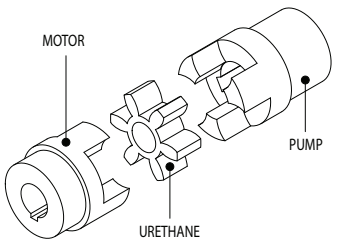
Individual coding

Motor		Urethane		Pump	Gear pump		Vane (12,15,20ℓ/min)		Vane (30,40ℓ/min)	
Code	Frame	Code	Frame		Code	Frame	Code	Frame	Code	Frame
MC	090	RB	090		G2	090	V1	090	V2	090
MC	112	RB	112		G2	112	V1	112	V2	112
MC	132	RB	132		G2	132	V1	132	V2	132







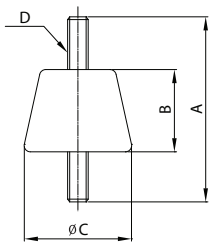


Note Couplings are designed to be used with Urethane insert.

Vibration resister

Accessory for Horizontal motor

Applicable for bell housing	Specification			
	A	B	C	D
090 frame	90	40	50	M10
112 frame				
132 frame	100	45	60	M12



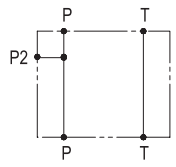
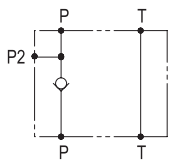
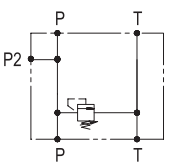
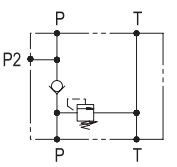
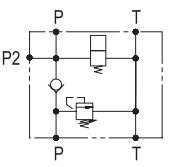
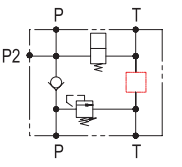
Note

Made of rubber it can absorb noises and vibration of motor, so it allows silent operation.

Base block

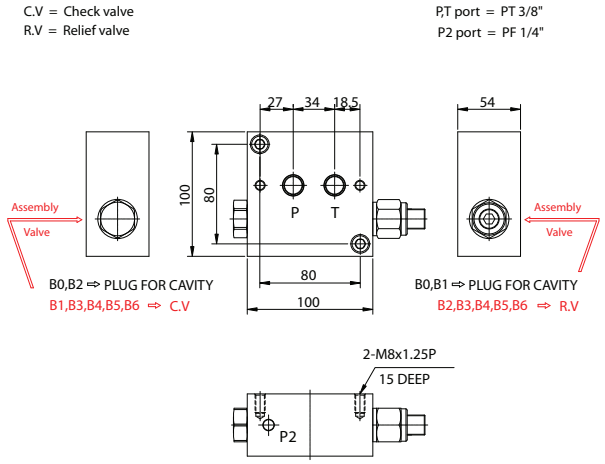
A

Base block diagram

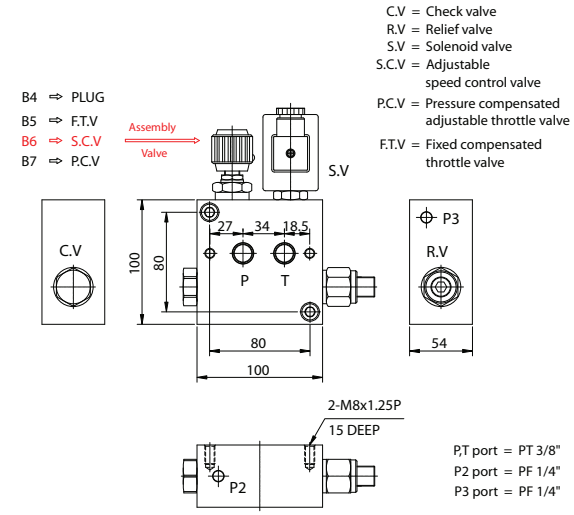
Code	B0	B1	B2	B3	B4	B5/B6/B7
Diagram						

B5 = B4 + F.T.V [ ] / B6 = B4 + S.C.V [ ] / B7 = B4 + P.C.V [ ]

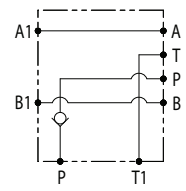
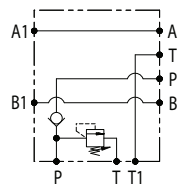
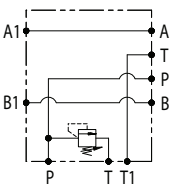
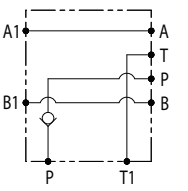
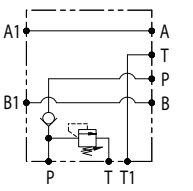
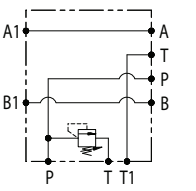
Dimensions



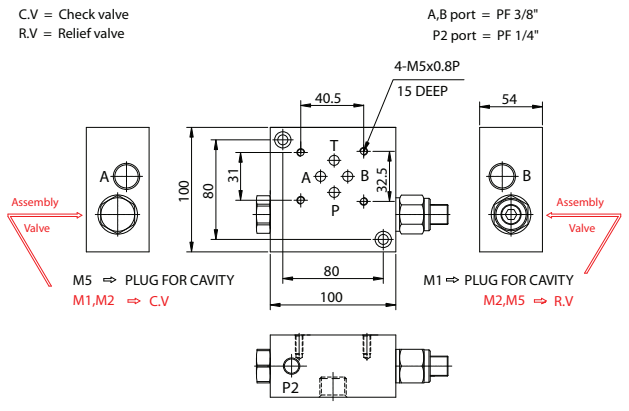
Applicable base block : B0, B1, B2, B3



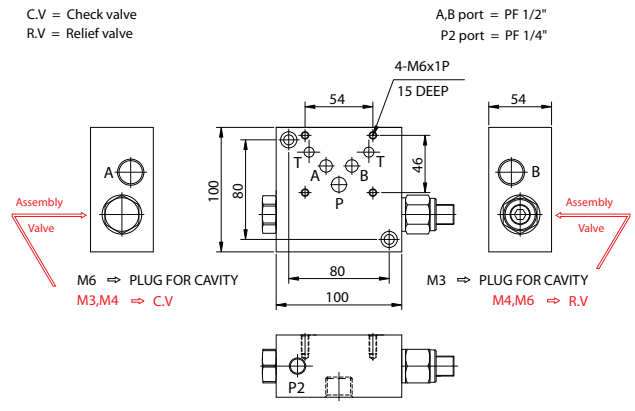
Applicable base block : B4, B5, B6, B7

Code	M1	M2	M5	M3	M4	M6
Diagram						

Dimensions



Applicable base block : M1 (B1+BY3), M2 (B3+BY3), M5 (B2+BY3)



Applicable base block : M3 (B1+BB3), M4 (B3+BB3), M6(B2+BB3)

Note

1. Please contact Hydro-Tek for different thread specification of P, T, A, B Ports.
2. Please see page 11 for multi-manifold block.

B

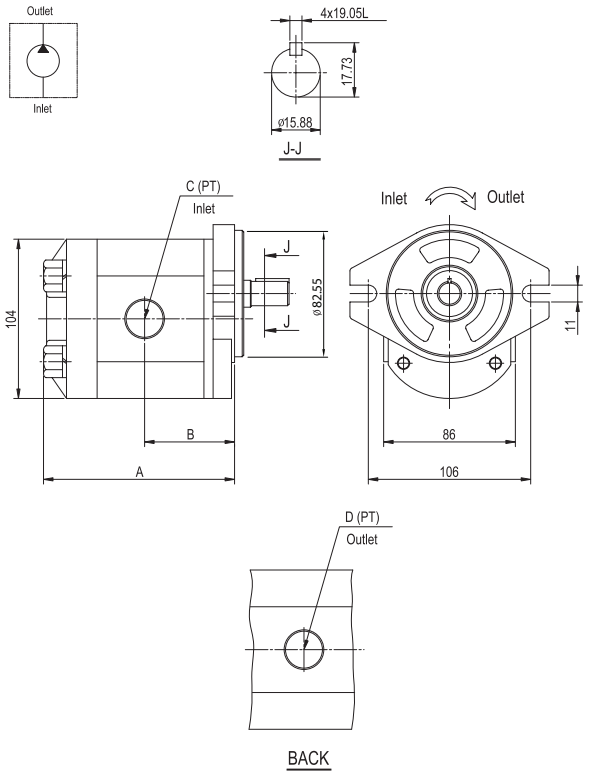
Base block pressure range

Code	A	B	C	D	X
Pressure range	5 ~ 40 bar	20 ~ 80 bar	50 ~ 220 bar	180 ~ 350 bar	without relief valve

A	Code	G	V	F
	Pump type	Gear pump	Variable displacement vane pump	Fixed displacement vane pump

A Gear pump G

B / C	Code		Specification							
	B	C	Displacement (cc/rev)	Flow (ℓ/min) @1700 RPM	Max. operating pressure	Max. peak pressure	A	B	C	D
	Group	CC/REV								
	2	04	4.0	6.8	280	310	44	96	1/2	1/2
	2	06	6.0	10.2	280	310	45	98	1/2	1/2
	2	07	7.0	11.9	280	310	45.7	99.5	1/2	1/2
	2	08	8.0	13.6	280	310	46.7	101	1/2	1/2
	2	10	10.0	17.0	280	310	48	104	1/2	1/2
	2	12	12.0	20.4	280	310	50	108	1/2	1/2
	2	14	14.0	23.8	260	290	51	110	3/4	1/2
	2	16	16.0	27.2	260	290	53	114	3/4	1/2
	2	18	18.0	30.6	260	290	54.5	117	3/4	1/2
	2	20	20.0	34.0	230	260	56	120	3/4	1/2
	2	22	22.0	37.4	230	260	57.5	123	3/4	1/2
	2	25	25.0	42.5	210	240	60	128	3/4	1/2
	2	28	28.0	47.6	200	230	62.5	133	3/4	1/2
	2	30	30.0	51.0	180	210	64	136	3/4	1/2
	2	32	32.0	54,4	180	210	65	138	3/4	1/2
	2	34	34.0	57.8	160	190	67	142	3/4	1/2
	2	36	36.0	61.2	160	190	68.5	145	3/4	1/2



** Group 2 gear pump rotation is CW

Note
1. Please contact Hydro-Tek for Group 1 and Group 3 pumps.
2. Please contact Hydro-Tek for Tandem pump

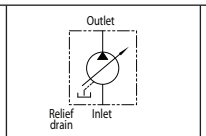
A Variable displacement vane pump V

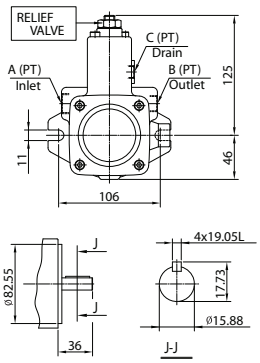
B	Code	A	B	C
	pressure range	8 ~ 18 BAR	14 ~ 35 BAR	30 ~ 70 BAR

C	Code	Specification					
		Displacement (cc/rev)	Flow (ℓ/min) @1800 RPM	Rated pressure (bar)	A	B	C
	12	6.6	12	70	1/2	3/8	1/4
	15	8.3	15	70	1/2	3/8	1/4
	20	11.0	20	70	1/2	3/8	1/4
	30	16.6	30	70	3/4	1/2	1/4
	40	22.2	40	70	3/4	1/2	1/4

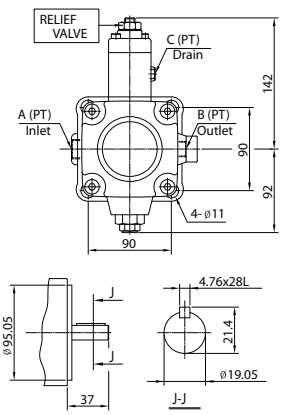
Note
1. Please contact Hydro-Tek for Fixed displacement vane pump and piston pump.
2. In order to install vane pump (30 lpm or 40 lpm), to 90 Frame bell housing you should use special flange

Applicable pump :
Vane (12, 15, 20 ℓ/min)





Applicable pump :
Vane (30,40 ℓ/min)

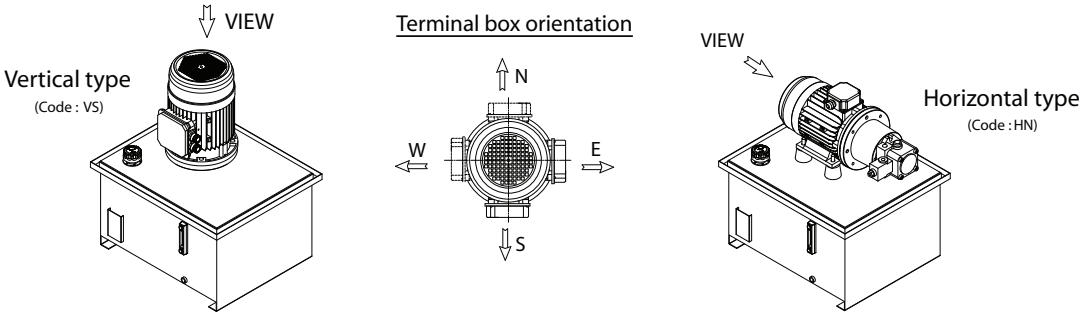


5 A / B Mounting

A	Code	V	H
	Motor mounting	Vertical	Horizontal

B	Code	S	N	E	W
	Terminal box Orientation	Southward	Northward	Eastward	Westward

A / B



Note Please contact Hydro-Tek for your original specification

6 A / B Tank

A

Code	Steel type oil tank	
Type	BS	OS
	Without oil receiver	With oil receiver

Aluminum type oil tank	
BA	OA
Without oil receiver	With oil receiver

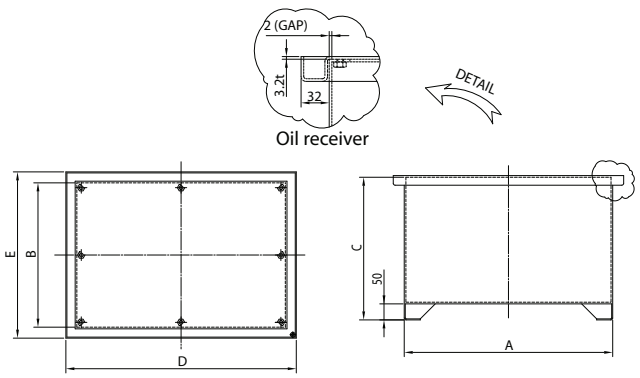
B

Code	P30	P50	030	050	070	100	120	150
Cap. ℓ	30	50	40	65	90	130	150	195
Working cap.ℓ	25	45	30	50	70	100	120	150

030
35
30

Steel type oil tank BS . OS

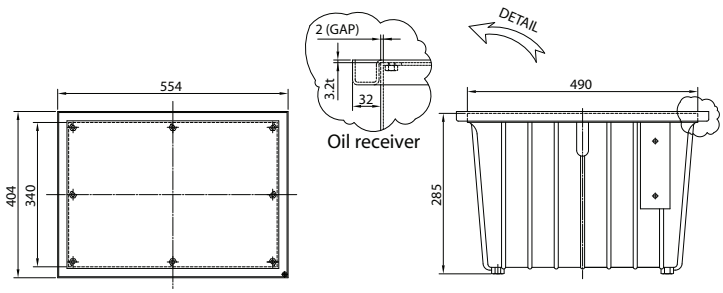
Code	Dimension				
	A	B	C	D	E
P30	540	420	250	604	484
P50	595	450	310	659	514
030	490	340	335	554	404
050	595	450	395	659	514
070	650	450	450	714	514
100	700	600	450	764	664
120	800	600	450	864	664
150	900	600	450	964	664



Note

1. Please contact Hydro-Tek for your special specification and customizing.
2. P30 and P50 can be used only for horizontal type Unit.
3. You should use P30 for direct type Unit.

Aluminum type oil tank BA . OA



7 Built-in valve

A / B / C / D

A	Code	S	NNNN
	Type	Solenoid valve	Plug for cavity

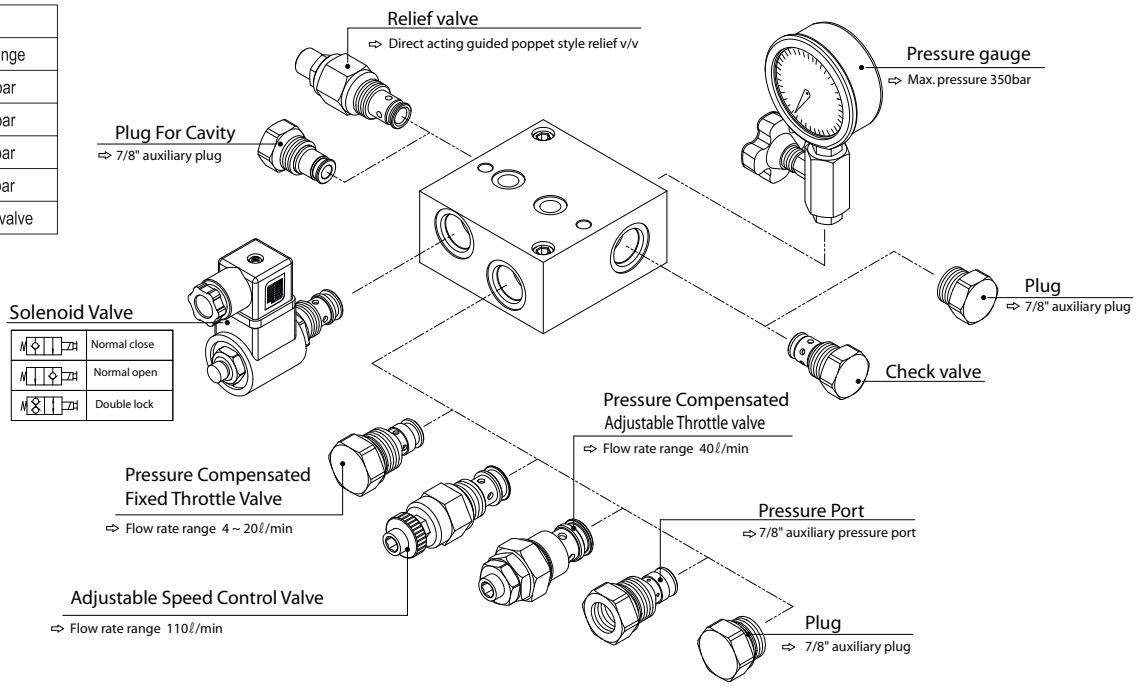
B	Code	C	O	D
	Type	Normally closed type	Normally open type	Double lock type

C	Code	1	2	3	4
	Voltage	DC12V	DC24V	AC 110V	AC 220V

D	Code	Specification			
		Cavity	Working pressure (Max.)	Flow (Max.)	Internal leakage
	1	08	280 bar	40 ℓ/min	0.15 cc/min
	3	10	350 bar	68 ℓ/min	0.15 cc/min

Base Block Built-in valve

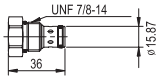
Relief valve	
Code	Pressure range
A	5 ~ 40 bar
B	20 ~ 80 bar
C	50 ~ 220 bar
D	180 ~ 350 bar
X	Without relief valve

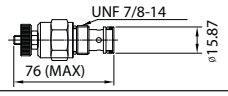


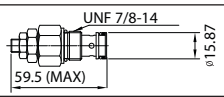
Note Please use parts no., when you order the loose components.

8 Pressure compensated throttle valve

A

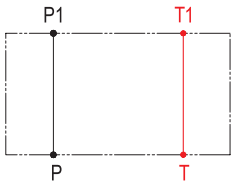
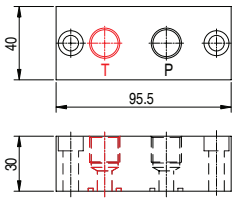
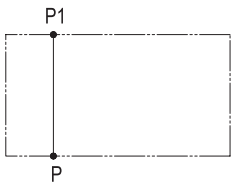
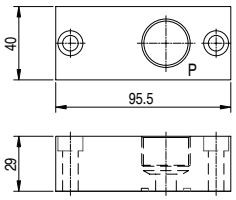
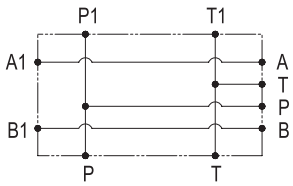
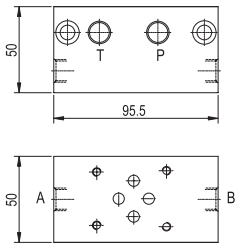
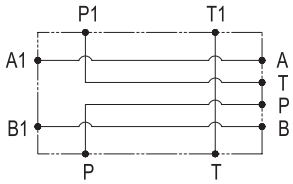
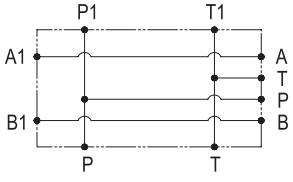
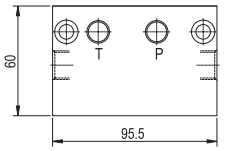
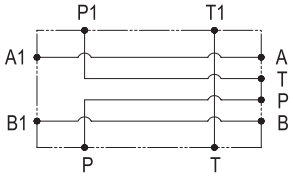
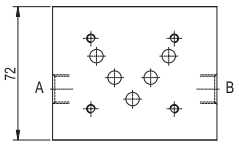
A	Pressure compensated fixed throttle valve (K Series)							
	Code	K04	K08	K12	K16	K20	Diagram	Application	Dimension
	Regulated flow rate (ℓ/min)	4	8	12	16	20		B5	

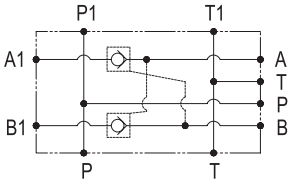
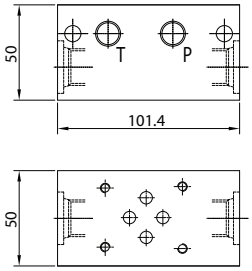
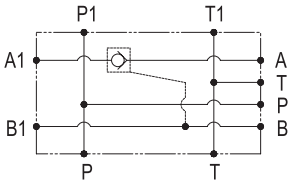
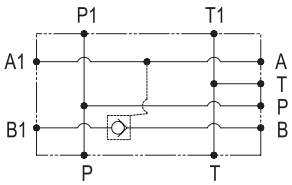
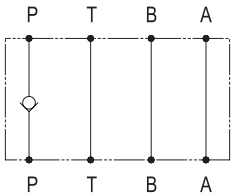
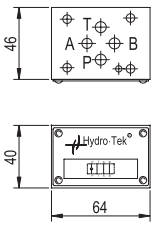
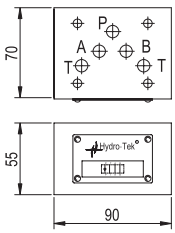
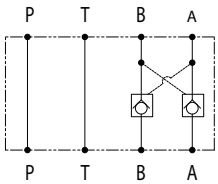
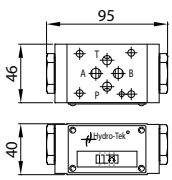
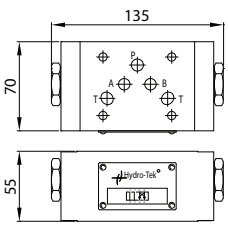
A	Adjustable speed control valve				
	Code	SCV	Diagram	Application	Dimension
	Regulated flow rate (ℓ/min)	110		B6	

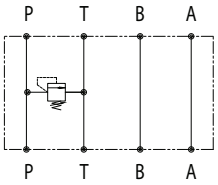
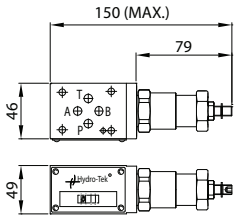
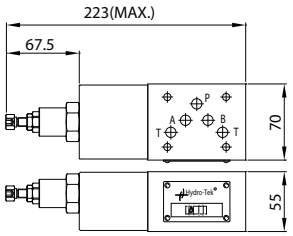
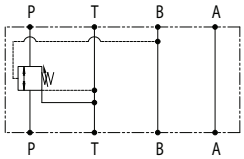
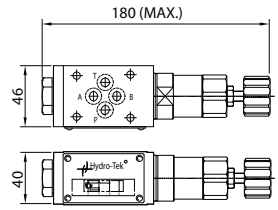
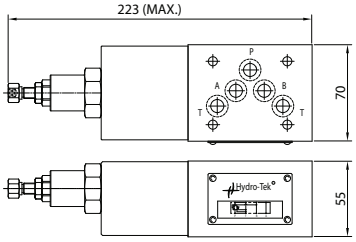
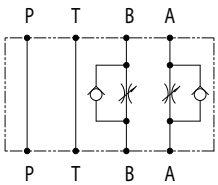
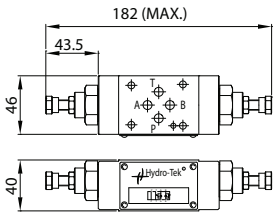
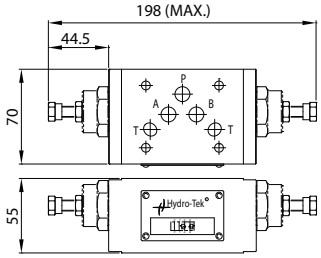
A	Pressure compensated adjustable throttle valve				
	Code	PCV	Diagram	Application	Dimension
	Regulated flow rate (ℓ/min)	40		B7	

Note If you need more than 2pcs of different modular blocks, please specify them in the next blank.

A	Code	**Modular block code**
B	Quantity	Modular blocks **Quantity**

	Code	Description	Diagram	Dimension
A	**BY1**	Element with ports PT1/2"		 P,T port = PT1/2"
	BY6	Element with ports PT3/4"		 P port = PT3/4"
	BY3	Element for solenoid valves CETOP 3 manifold block-01 parallel connection		 P,T port = PF1/4" A,B port = PF3/8"
	BY2	Element for solenoid valves CETOP 3 manifold block-01 series connection		
	BB3	Element for solenoid valves CETOP 5 manifold block-03 parallel connection		
	BB2	Element for solenoid valves CETOP 5 manifold block-03 series connection		 P,T port = PF3/8" A,B port = PF1/2"

	Code	Description	Diagram	Dimension
A	**BY4**	Element for solenoid valves CETOP 3 manifold block-01 with pilot operated check valve on A and B		 P,T = PF3/8" Q max = 20 ℓ/min
	BY7	Element for solenoid valves CETOP 3 manifold block-01 with pilot operated check valve on A		
	BY8	Element for solenoid valves CETOP 3 manifold block-01 with pilot operated check valve on B		
	CP1	Element CETOP 3 with check valve HCP-01-0		 Q max = 40 ℓ/min
	CP3	Element CETOP 5 with check valve HCP-03-0		 Q max = 80 ℓ/min
	PW1	Element CETOP 3 pilot operated check valve on A and B HPW-01-2		 Q max = 35 ℓ/min
	PW3	Element CETOP 3 pilot operated check valve on A and B HPW-03-2		 Q max = 70 ℓ/min

	Code	Description	Diagram	Dimension
A	**RP1**	Element CETOP 3 with relief valve on P HBP-01-C		 Q max = 35ℓ/min
	RP3	Element CETOP 5 with relief valve on P HBP-03-C		 Q max = 70ℓ/min
	RB1	Element CETOP 3 with reducing valve on P RBP-01-C		 Q max = 35ℓ/min
	RB3	Element CETOP 5 with reducing valve on P RBP-03-C		 Q max = 70ℓ/min
	TW1	Element CETOP 3 throttle and check valve on A and B HSW-01-X(Y) (X : Meter-out, Y : Meter-in)		 Q max = 60ℓ/min
	TW3	Element CETOP 5 throttle and check valve A and B HSW-03-X(Y) (X : Meter-out, Y : Meter-in)		 Q max = 70ℓ/min

Note Please contact Hydro-Tek for different specification of modular block.

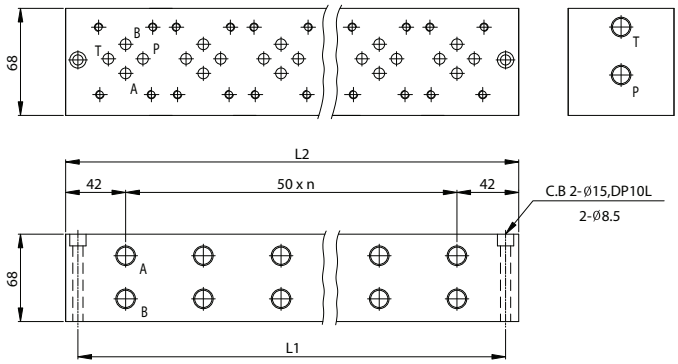
9 Multi-manifold block

A / B / C / D

A	Code	Multi-manifold block **M**			
B	Code	**1 ~ 9**			
	Quantity of circuit	1 port ~ 9 ports			
C	Code	**1**		**3**	
	Type	CETOP 3		CETOP 5	
D	Code	**1**	**2**	**3**	**4**
	Type	PF 3/8"	PT 3/8"	PF 1/2"	PT 1/2"

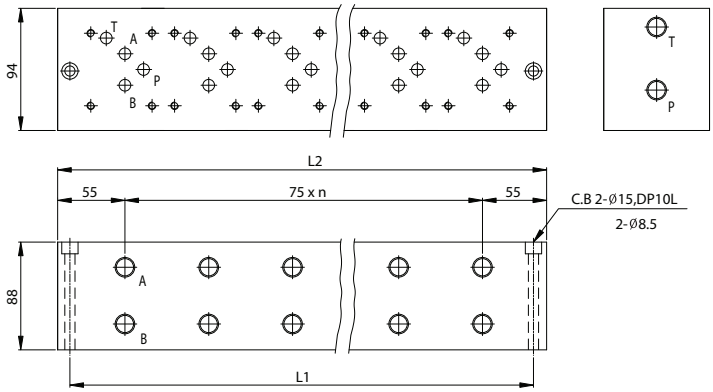
Cetop 3-dimension

Code	L1	L2
M11*	67	87
M21*	117	137
M31*	167	187
M41*	217	237
M51*	267	287
M61*	317	337
M71*	347	387
M81*	417	467
M91*	467	487



Cetop 5-dimension

Code	L1	L2
M13*	90	110
M23*	165	185
M33*	240	260
M43*	315	335
M53*	390	410
M63*	465	485
M73*	540	560
M83*	615	635
M93*	590	710

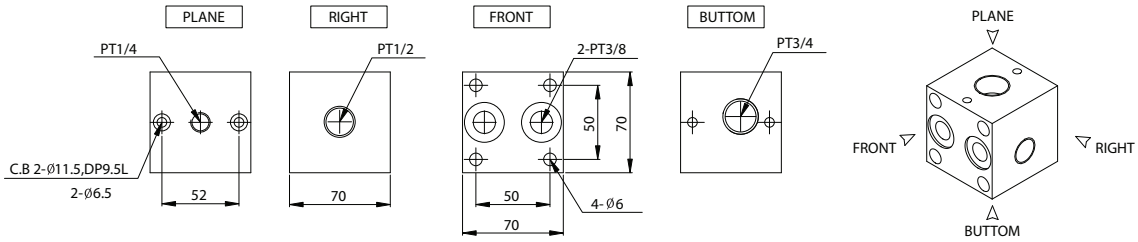


Note
1. Please use multi-manifold blocks for more than 3 ports.
2. Please contact Hydro-Tek for more than 9 ports multi-manifold block.

9 Gauge block

A

A	Code	Gauge block **PT**



Note You can use gauge block individually or together with manifold block

10

A /B/C — A /B/C

Modular block with cartridge solenoid valve

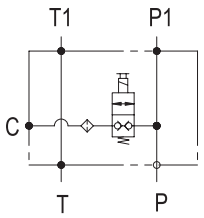
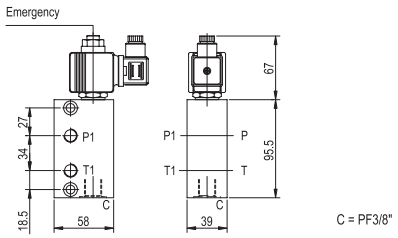
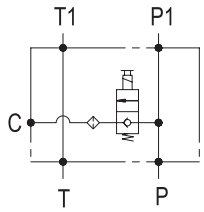
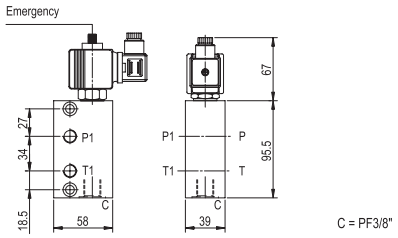
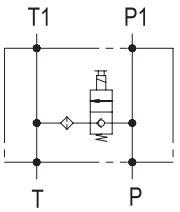
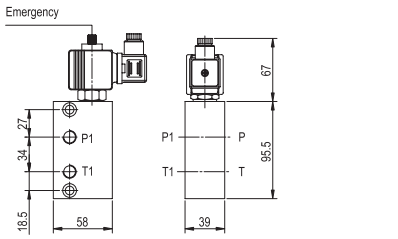
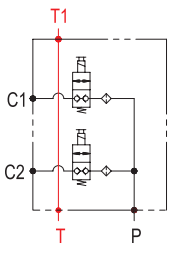
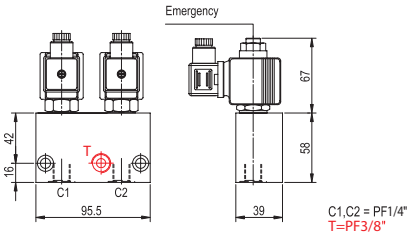
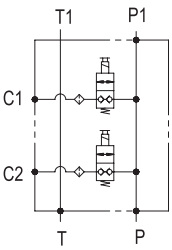
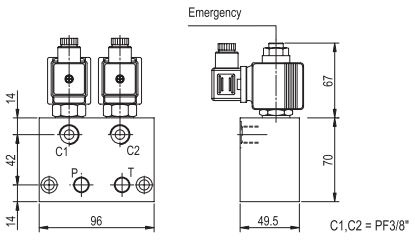
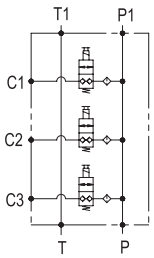
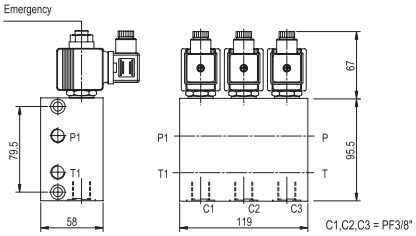
Note If you need more than 2pcs of different modular blocks, please specify them in the next blank

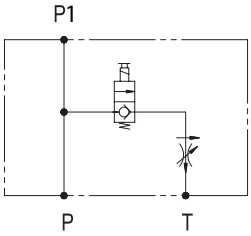
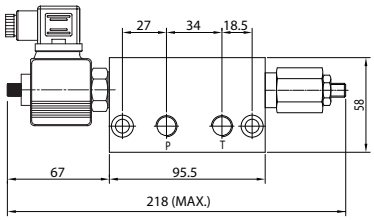
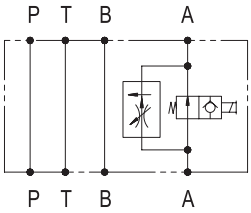
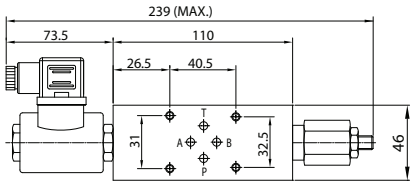
A	Code	**Modular block with cartridge solenoid valve code**

B	Code	**1**	**2**	**3**	**4**	**5**	**6**	**7**
	Voltage	DC 12V	DC 24V	AC 110V	AC 220V	AC 110V RAC	AC 220V RAC	AC 24V

C	Quantity	Modular blocks with cartridge solenoid valve **Quantity**

A

Code	Description	Diagram	Dimension
D1	Element for double locking direct solenoid valve		 C = PF3/8"
DC	Element for normal close type direct solenoid valve		 C = PF3/8"
DY	Element for normal close type direct solenoid valve		
D2 / DV	Element for double locking direct solenoid valve		 C1,C2 = PF1/4" T=PF3/8"
DO	Element for two double locking direct solenoid valve		 C1,C2 = PF3/8"
D3	Element for three double locking direct solenoid valve		 C1,C2,C3 = PF3/8"

	Code	Description	Diagram	Dimension
A	SS	Single acting speed control (CETOP 3)		
	DS	Double acting speed control (CETOP 3)		

11 A /B/C/D

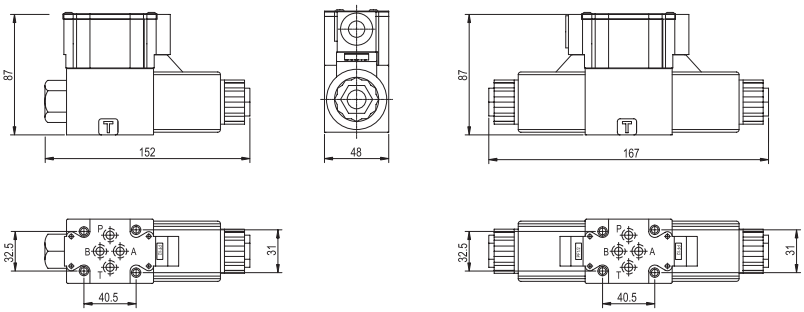
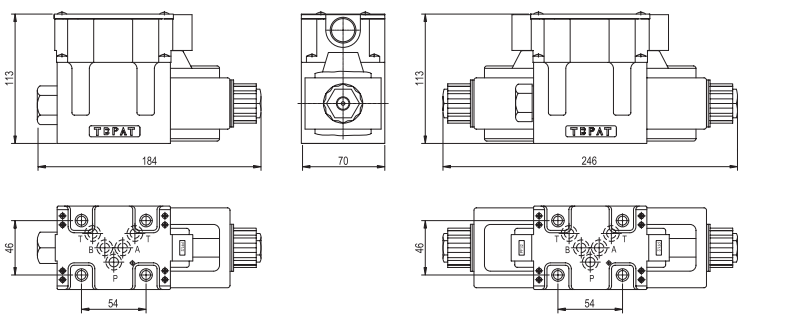
Directional valve

	Code	
A	Code	**Solenoid valve code**

	Code	1	2	3	4
B	Voltage	DC 12V	DC 24V	AC 110V	AC 220V

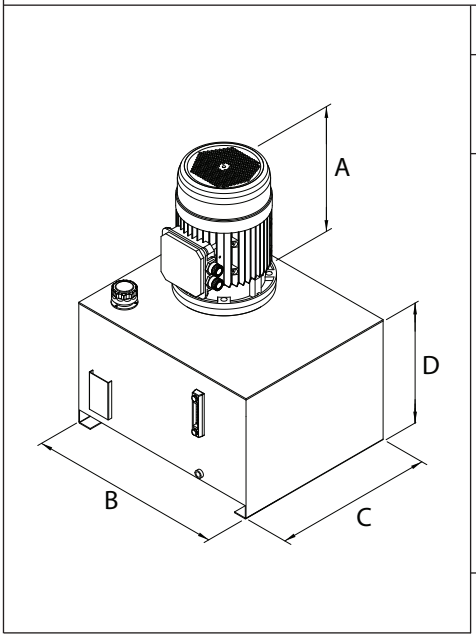
	Code	
C	Quantity	**Quantity** of directional valves

	Code	Specification			
		Type	Working pressure (Max.)	Flow (Max.)	Connecting type
D	1	CETOP 3	315 bar	63 ℓ/min	Terminal box
	3	CETOP 5	315 bar	100 ℓ/min	Terminal box

	Code	Diagram		
A	YA		CETOP-3 dimension	
	YP			
	YC			
	YO			
	YT			
	HA		CETOP-5 dimension	
	HP			
	HC			
	HO			
	HB			

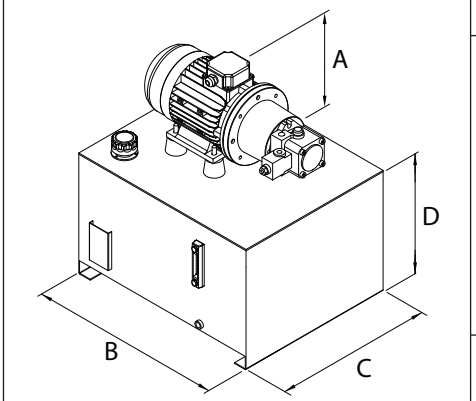
Note Please contact Hydro-Tek for detent type and manual type.

Vertical big power unit - dimension



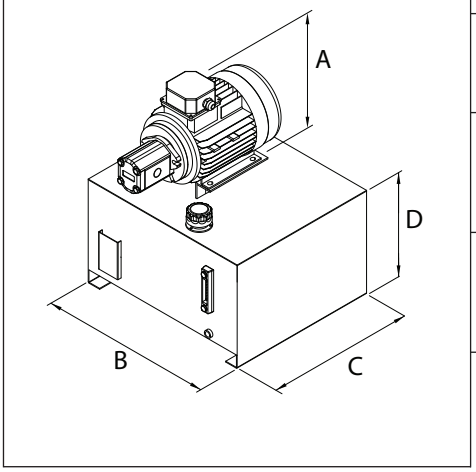
Motor				Tank			
Phase	Frame	Kw	A (mm)	Working cap.ℓ	B (mm)	C (mm)	D (mm)
3 phase motor	090	1.5	280	P30	604	484	255
		2.2	280	P50	659	514	315
	112	4.0 / 5.5	330	030	554	404	340
	132	5.5	356	050	659	514	400
		7.5	395	070	714	514	455
		9.2 / 11	420	100	764	664	455
		15	490	120	864	664	455
				150	964	664	455

Horizontal power unit - dimension



Motor				Tank			
Phase	Frame	Kw	A (mm)	Working cap.ℓ	B (mm)	C (mm)	D (mm)
3 phase motor	090	1.5 / 2.2	215	P30	604	484	255
	112	4.0 / 5.5	265	P50	659	514	315
	132	5.5 / 7.5 / 9.2 / 11	325	030	554	404	340
				050	659	514	400
	160	15	430	070	714	514	455
				100	764	664	455
				120	864	664	455
				150	964	664	455

Direct power unit - dimension

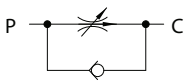


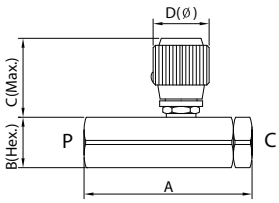
Motor				Tank			
Phase	Frame	Kw	A (mm)	Working cap.ℓ	B (mm)	C (mm)	D (mm)
1 phase motor	090	1.5	245	P30	604	484	255
		2.2	245				
3 phase motor	090	1.5	220				
		2.2	220				

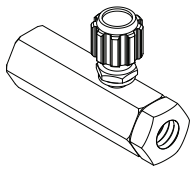
13 A / B — (Others) Compensated adjustable throttle valve & Flow control valve

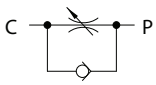
A	Code	Compensated adjustable throttle valve **P**			Flow control valve **F**		
B	Code	**400**	**600**	**800**	**400**	**600**	**800**
	Port	PT 1/4"	PT 3/8"	PT 1/2"	PT 1/4"	PT 3/8"	PT 1/2"
	Flow (Max.)	1 ~ 10 ℓ/min	1 ~ 18 ℓ/min	1 ~ 33 ℓ/min	20 ℓ/min	55 ℓ/min	110 ℓ/min
	Pressure (Max.)	250 bar	250 bar	250 bar	350 bar	350 bar	350 bar
	A (mm)	90	90	107	65	70	87
	B (mm)	27	27	36	20	25	32
	C (mm)	38	38	41	34	45	44
	D (mm)	24	24	30	24	30	30

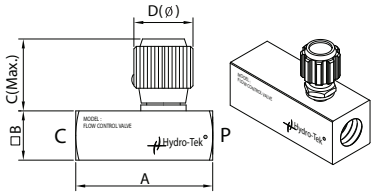
Diagram & Dimension











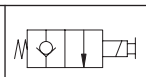
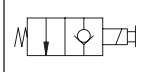
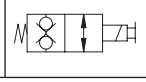
Note Please contact Hydro-Tek for different thread specification of 'P' Ports.

13 A / B / C / D — (Others) Solenoid valve

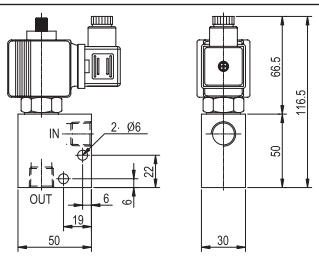
A	Code	Solenoid valve **V**						
B	Code	**C**			**O**		**D**	
	Type	Normally closed			Normally open		Double lock	
C	Code	**1**	**2**	**3**	**4**	**5**	**6**	**7**
	Voltage	DC12V	DC24V	AC 110V	AC 220V	AC 110V RAC	AC 220V RAC	AC 24V

D	Code	**1**			**3**		
	Specification	Cavity	Pressure (Max.)	Flow (Max.)	Cavity	Pressure (Max.)	Flow (Max.)
		8	250bar	40 ℓ/min	10	350bar	68 ℓ/min

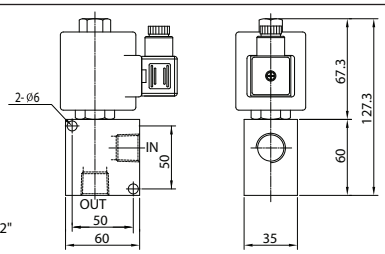
Diagram

C	
O	
D	

Dimension



IN, OUT : PT 3/8"

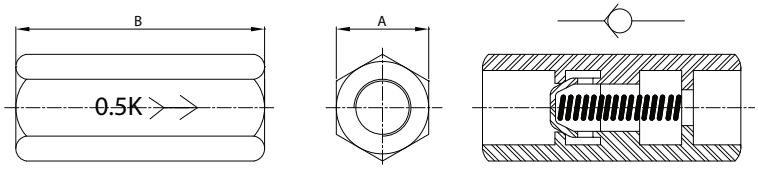


IN, OUT : PT 1/2"

13 A / B — (Others) Line check valve

A	Code	Line check valve **C**		
B	Code	**400**	**600**	**800**
	Port	PT 3/8	PT 1/2	PT 3/4
	A (HEX.)	23	29	35
	B (mm)	71	80	93
	Cracking pressure	0.5 kg/cm²		
	Working pressure	210 kg/cm²		

Dimension



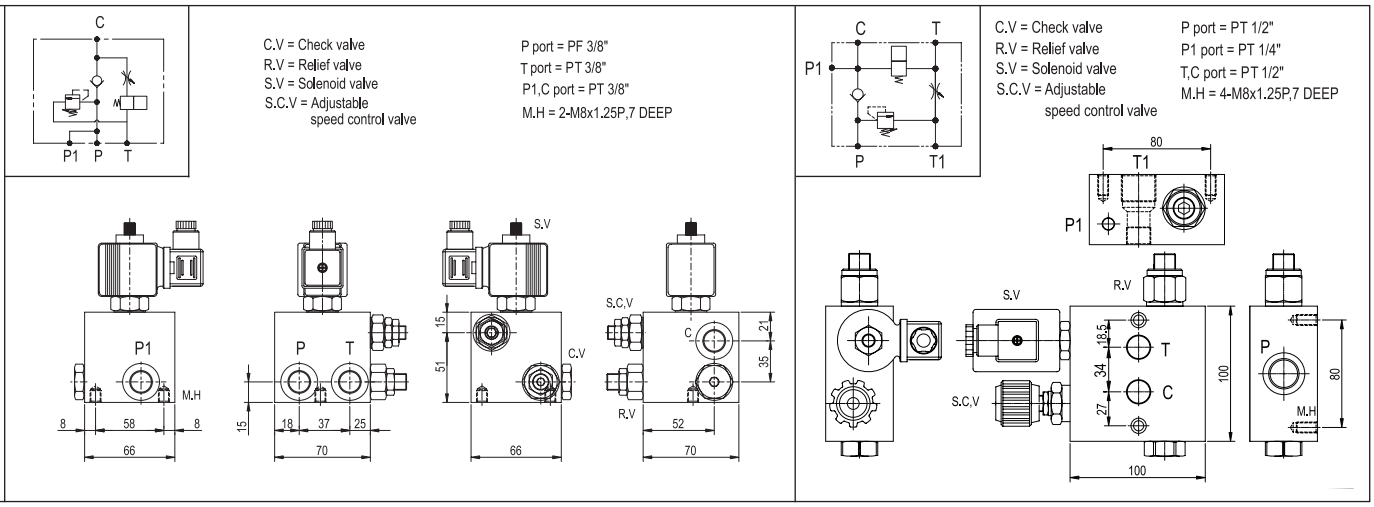
13 A / B / C / D

(Others) Lift valve

A	Code	Lift valve code **L**						
B	Code	**C**			**O**		**D**	
	Diagram	Normally closed			Normally open		Double lock	
C	Code	**1**	**2**	**3**	**4**	**5**	**6**	**7**
	Voltage	DC12V	DC24V	AC 110V	AC 220V	AC 110V RAC	AC 220V RAC	AC 24V

D	Code	**1**			**3**		
	Specification	Cavity	Pressure (Max.)	Flow (Max.)	Cavity	Pressure (Max.)	Flow (Max.)
		08	250bar	40 ℓ/min	10	350bar	68 ℓ/min

Dimension & Diagram

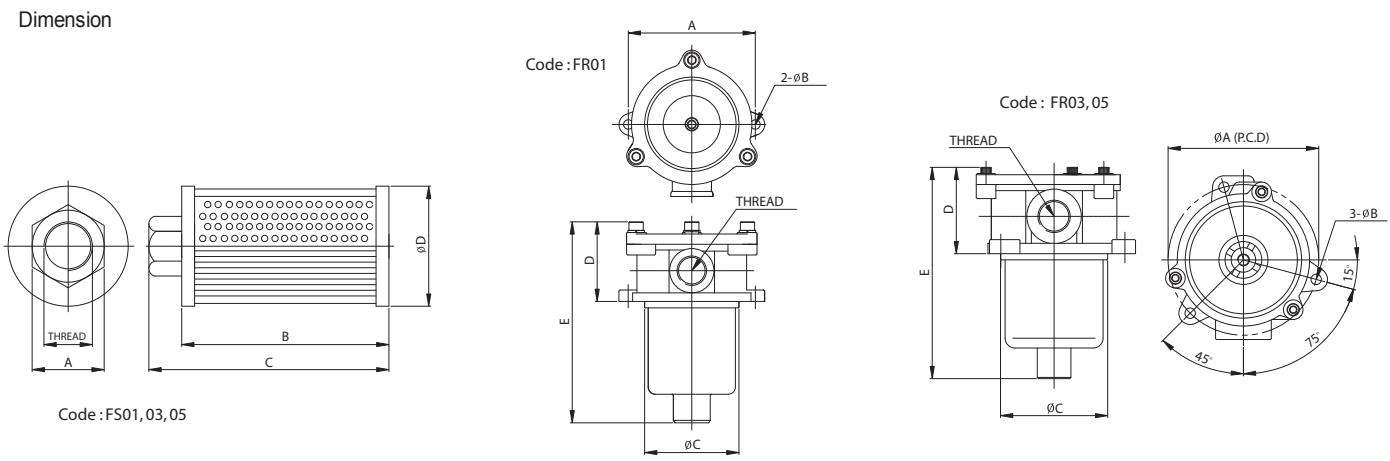


14 A / B

(Hydraulic Accessories) Filter

A	Code	Suction filter **FS**			Return filter **FR**		
B	Code	**01**	**03**	**05**	**01**	**03**	**05**
	Thread (PT)	1/2"	3/4"	1"	1/2"	3/4"	1"
	Specification	Flow late 65ℓ/min	Flow late 65ℓ/min	Flow late 108ℓ/min	Filtration rating 25㎛		
	A (mm)	30	35	43	89	123	123
	B (mm)	135	135	164	6.5	8.5	8.5
	C (mm)	150	150	182	66	87	87
	D (mm)	62	62	82.5	56	70.5	70.5
	E (mm)	-	-	-	141	173	218

Dimension

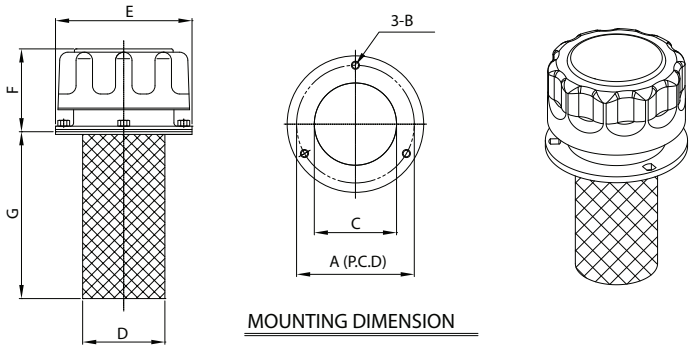


14 A / B — (Hydraulic Accessories) Air breather

A	Code	Air breather **AB**

B	Code	01	03
	Filtration rating (㎛)	40	40
	Displacement (ℓ/min)	270	720
	A	41	73
	B	M5	M5
	C	31	51
	D	27	50
	E	52	83
	F	46	59
	G	65	80

Dimension

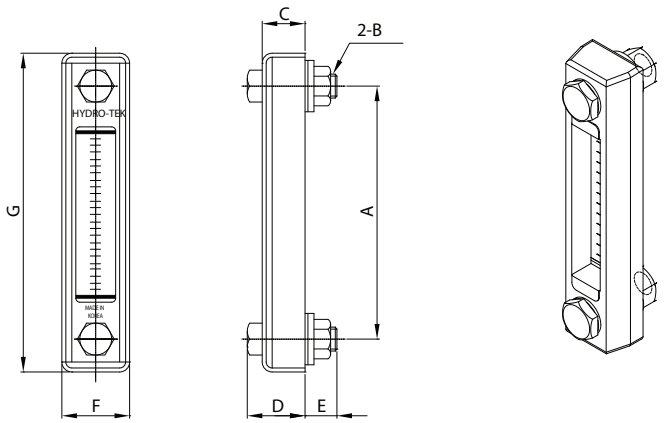


14 A / B — (Hydraulic Accessories) Oil gauge

A	Code	Oil gauge **G**

B	Code	01	02	03
	A	76	127	254
	B	M10	M12	M12
	C	21.5	21.5	21.5
	D	29	29	29
	E	11	16	16
	F	34	34	34
	G	109	160	287

Dimension

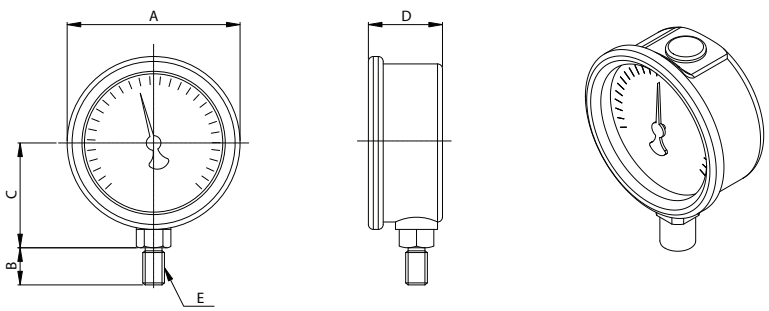


14 A / B — (Hydraulic Accessories) Pressure gauge

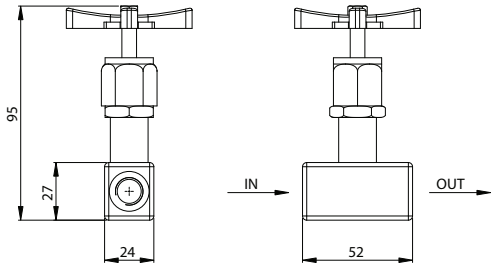
A	Code	Pressure gauge **P**

B	Code	01	03
	Pressure (Max.)	250 bar	250 bar
	A	Φ63	Φ100
	B	12	20
	C	55	87
	D	30	56
	E	PT 1/4"	PT 1/2"

Dimension

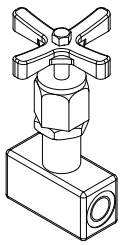


14 A / B (Hydraulic Accessories) Cock valve



IN, OUT = PT 1/4"

Working pressure : 210 bar(Max.)

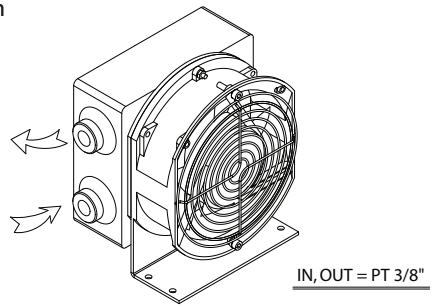


14 A /B / C (Hydraulic Accessories) Cooler

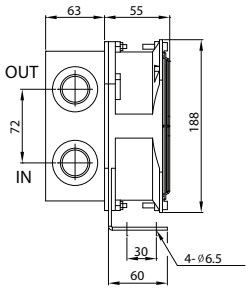
A	Code	Cooler C

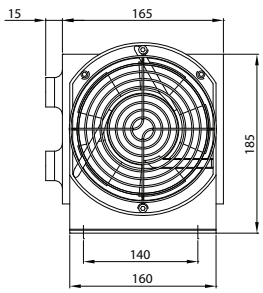
B / C	Code		Specification				
	Phase	Type	Voltage	Oil flow	Capacity	Working pressure	Noise level
	S	01	110V	40 ℓ/min (Max.)	33/35W	14 bar (Max.)	60dB(A) (Max.)
		03	220V				

Dimension



IN, OUT = PT 3/8"

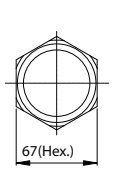


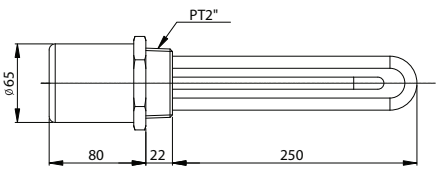


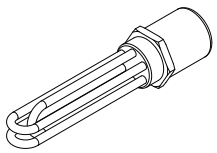
14 A / B (Hydraulic Accessories) Heater

A	Code	Heater H

B	Code	Phase	Voltage	Power
	01	1 phase	220V	1 Kw
	02			2 Kw
	03			3 Kw







Note Please contact Hydro -Tek for your special specification and customizing.

14 A / B (Hydraulic Accessories) Pressure switch

A	Code	Pressure switch W

B	Code	01	03
	Pressure range	20~160 BAR	30~250 BAR
	Current	AC	
	Voltage	125V / 250V	
	Resistance	5A / 3A