



企业简介

COMPANY PROFILE

台州永畅液压机械有限公司是一家专业从事各类液压件设计、生产、销售的实力型企业，拥有8年液压元件国内外的设计销售经验！2015年与韩国公司合作成立台州永畅液压机械有限公司，韩国技术与品质管控体系，最优的服务与价格！

公司业务主要为液压元件及机械配件两大块，液压元件有叶片泵、齿轮泵、液压阀、液压马达、液压电机、压力表等液压辅件与液压系统；机械配件主要以叉车配件、卡车配件、装载机配件、压路机械配件、挖机配件为主。

公司现有PV2R油研、V/VQ威格士、T6丹尼逊、SQP东机美系列叶片泵、VP系列变量叶片泵、V10&V20&VTM42叶片泵、YB1&YB-D&YBE叶片泵、QT住友系列内啮合齿轮泵、SGP&KZP4岛津/KYB齿轮泵、HGP&GPY&P2齿轮泵、CBN&CBT&CBK齿轮泵、油研&力士乐系列液压阀、BM伊顿系列摆线马达、电机泵组，产品广泛应用于塑料机械、压铸机械、锻压机械、工程机械、橡胶机械、玻璃制品机械、烟草机械、皮革机械及各类液压系统等领域。

永畅液压致力成为国内外液压机械行业最具影响力的供应商。专注液压传动领域发展，是永畅未来发展的重大目标！诚邀各界英才莅临指导合作！

Taizhou Eternal Hydraulic Machine Co., Ltd is a strength Professional company which specialized in Hydraulic Component and Machine Parts in China, with more than 8 years experience focusing on the abroad and Domestic Market.

In cooperation with the Korean company, the company was established in 2015, with Korea technology and Quality Control system, best service and price in China.

Our main business are Hydraulic Components and Machine Parts, Hydraulic Components including Hydraulic Vane pump, Hydraulic Gear Pump, Hydraulic Valve, Hydraulic Motor, Electric Motor, Hydraulic accessories and Hydraulic System etc.

The Machine Parts including Forklift parts, Truck Parts, Wheel Loader parts, Excavator Parts etc.

Our products include: PV2R Yuken vane pump, V/VQ Vickers vane pump, T6 Den son vane pump, SQP Tokimec vane pump, VP variable vane pump, V10&V20&VTM42 vane pump, QT Sumitomo gear pump, SGP&KZP4 Shimadzu/KYB gear pump, HGP&GPY&P2 Gear Pump, CBN/CBT/CBK gear pump, Yuken&Rexroth Series Hydraulic Valve, BM series Eaton&Danfoss Hydraulic Motor, Electric Motor etc, are widely used in Construction Machinery, Mining Machinery, Rubber&Plastic machinery, Shoe Machinery, Die Casting Machinery, Metallurgical Machinery, Metal Cutting Machinery and all types hydraulic systems.

Devotion makes perfection in hydraulic industry. We commit ourselves to the supplier of hydraulic components with most influential in China.

Welcome to visit the guidance and cooperation!

CONTENT

HYDRAULIC VALVE

A. Directional Valve Series

A1~A3	4WE Series Solenoid Directional Control Valve
A4~A6	4WEH/4WH Series Solenoid Pilot/ Hydraulic Operated Directional Control Valve
A7~A8	DSG Series Solenoid Directional Control Valve
A9~A11	DSHG/DHG Series Solenoid Pilot/ Hydraulic Operated Directional Control Valve
A12	YJ4WE6 Series Solenoid Directional Control Valve
A13~A16	DM Series Manual Operated Directional Valve
A17	DCG Series Mechanical Operated Directional Valve
A18	SW Series Solenoid Check Valve
A19	CP(D) Series Pilot Operated Check Valve
A20	RVP Series Check Valve
A21	AJ Series Orthogonal Check Valve
A22	CIT Series In-line Check Valve
A23	DL4WE Series Solenoid Serial Mounting Directional Valve
A24	KVH Series Solenoid Serial Mounting Directional Valve
A25~A27	4WEJ Series Solenoid Directional Control Valve with Spool Position Detection

B. Modular valve Series

B1~B3	MRV Series Modular Relief Valve
B4	MSRV Series Modular Solenoid Operated Relief Valve
B5~B7	MBRV Series Modular Reducing Valve
B8	MSBRV Series Modular Solenoid Reducing Valve
B9~B10	MC Series Modular Check Valve
B11~B12	MSC Series Modular Solenoid Check Valve
B13~B14	MSCC Series Modular Solenoid Two Way Check Valve
B15~B17	MTCV Series Modular Throttle Check Valve
B18~B19	MT(CV) Series Modular Throttle (Check) Valve
B20~B21	MST Series Modular Solenoid Throttle Valve
B22~B23	MPCV Series Modular Pilot Operated Check Valve
B24	MCS Series Modular Balance Valve

C. Pressure Valve Series

C1~C3	DB Series Pilot Operated Relief Valve/ DBW Series Solenoid Operated Relief Valve
C4~C5	DA Series Pilot Operated Unloading Valve/ DAW Series Solenoid Operated Unloading Valve
C6~C7	DR Series Pilot Operated Pressure Reducing Valve
C8~C9	DZ Series Pilot Operated Pressure Sequence Valve
C10~C12	BS Series Low Noise Pilot Operated Relief Valve/ SBS Series Low Noise Solenoid Operated Relief Valve
C13~C14	RV Series Pilot Operated Relief Valve
C15~C16	SRVG Series Solenoid Operated Relief Valve
C17	DG Series Remote Control Relief Valve
C18~C19	DBD Series Direct Operated Relief Valve
C20~C21	H(C)G Series Sequence Counter Balance Unloading Valve

D. Proportional Valve Series

D1	EDG Series Proportional Directly Operated Relief Valve
D2~D3	EBG Series Proportional Pilot Operated Relief Valve
D4~D5	EBDG Series Proportional Pressure and Flow Control Valve
D6~D7	DRE Series Proportional Pilot Operated Pressure Reducing Valve
D8	4WRA Series Proportional Directional Control Valve

E. Flow control valve series

E1	JMP Series Mechanical Operated Throttle Check Valve
E2~E3	DV/DRV Series Throttle Valve/ Throttle Check Valve
E4	TV/TCV Series Throttle Valve/ Throttle Check Valve

DB series pilot operated relief valves and DBW series solenoid operated relief valves can be used to control and unload system pressure.



Technical specification

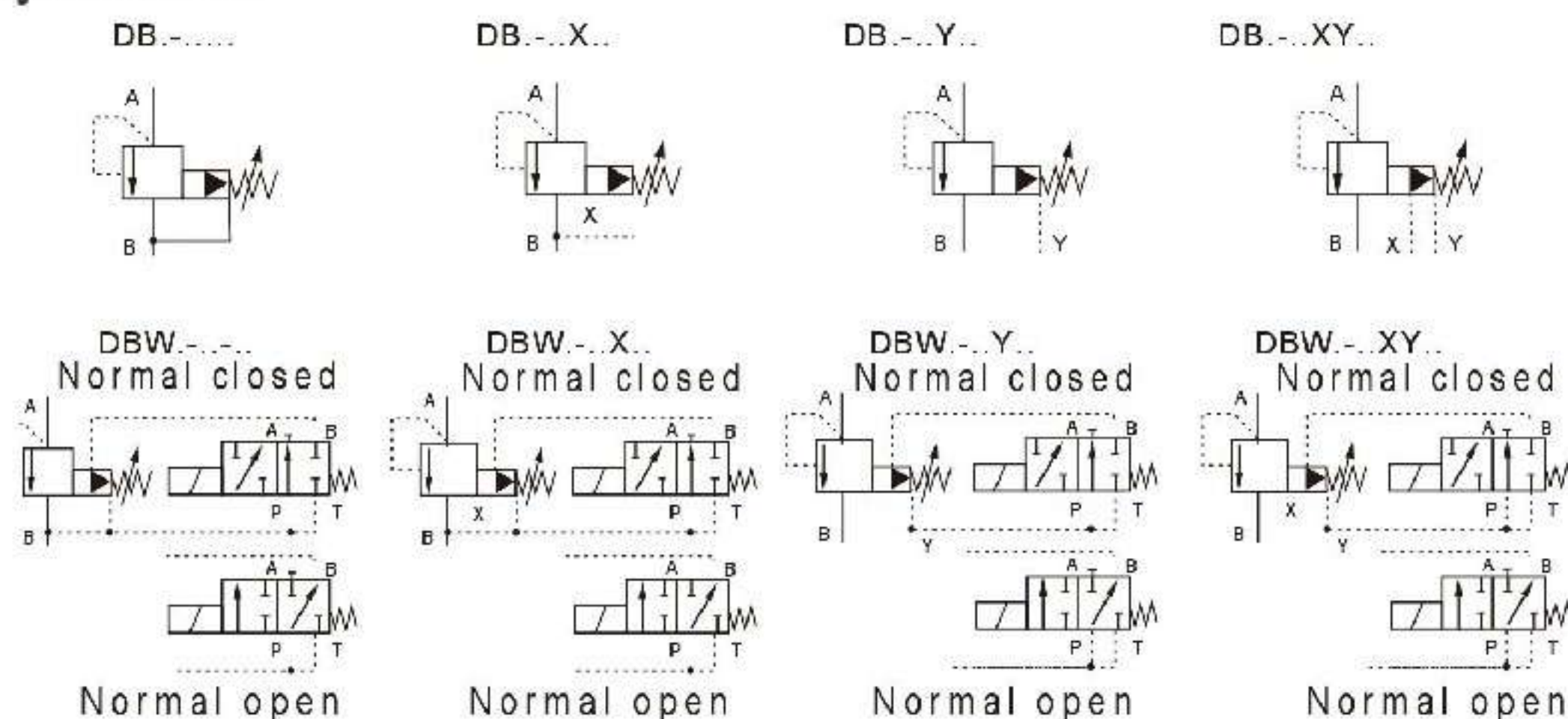
Model		DB-10	DB-15	DB-20	DB-25	DB-30
Max flow rate (l/min)	Subplate mounting	250	—	500	—	650
	Threaded mounting	250	500	500	500	650
Working pressure (MPa)	50 series	35				
Weight(kgs)	Subplate mounting	2.6	—	3.5	—	4.4
	Threaded mounting	5.3	5.2	5.1	5	4.8
	Pilot solenoid valve	1.2				

Ordering details

DB	W	C	10		A	G	1
Sort	With solenoid valve	Pilot valve	Nominal size		Normal state	Mounting type	Adjustment type
Pilot operated relief valve	No code: Without solenoid valve W: With solenoid valve	No code: Complete DB valve C: Pilot operated valve without main spool C: Pilot operated valve with main spool (enter size 10~30) T: Pilot operated valve for remoted control valve	Subplate mounting 10: NG10 20: NG20 30: NG30	Threaded mounting 10: G1/2" M22×1.5 15: G3/4" M27×2 20: G1" M33×2 25: G1 1/4" M42×2 30: G1 1/2" M48×2	A: Normal closed B: Normal open	No code: Subplate mounting G: Threaded mounting	1: Rotary knob 2: Sleeve with hexagon and protective cap 3: Lockable rotary knob with scale 7: Rotary knob with scale

5X	50	XY	U	G24	N	Z4L	V
Series number	Setting pressure	Oil control	Cracking pressure	Input voltage	Manual override	Connector type	Seals
5X: 5X series	50: 5MPa 100: 10MPa 200: 20MPa 315: 31.5MPa 350: 35MPa	See oil control list	No code: 0.5MPa U: 0.25MPa	G24: DC24 W220: AC220	No code: Without manual override N: With manual override	Z4: Standart plug-in connector Z4L: Plug-in connector with light	No code: NBR seals for petroleum oils V: FPM seals for phosphate ester

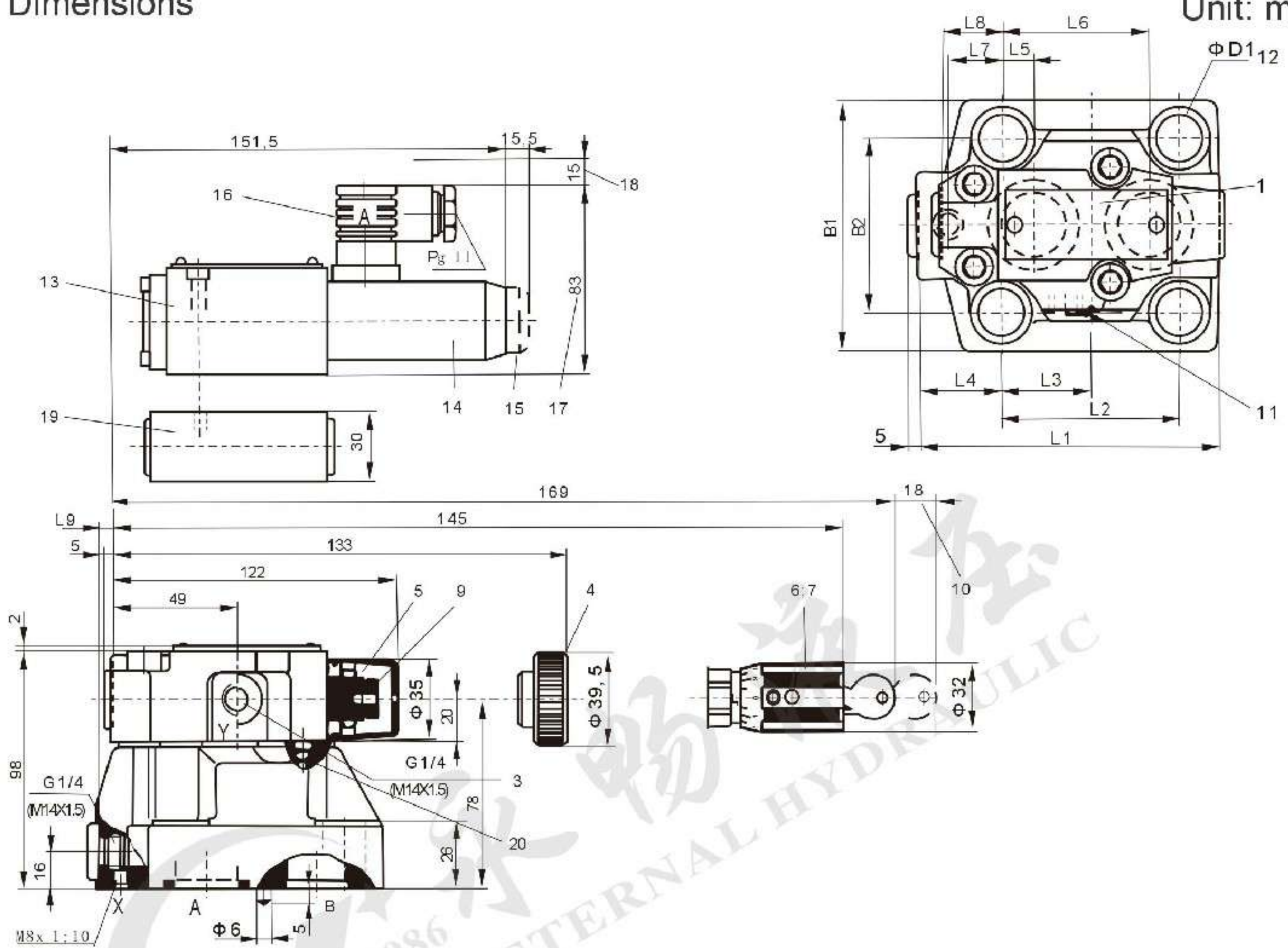
Symbol list



No code	Internal control internal drain
X	External control internal drain
Y	Internal control external drain
XY	External control external drain

Dimensions

Unit: mm



Model	L1	L2	L3	L4	L5	L6	L7	L8	L9	B1	B2	D1	O-rings A,B port	O-rings X port
DB/DBW 10	91	53,8	22,1	27,5	22,1	47,5	0	25,5	2	78	53,8	14	17.12X2.62	9.25X1.78
DB/DBW 20	116	66,7	33,4	33,3	11,1	55,6	23,8	22,8	10,5	100	70	18	28.17X3.53	9.25X1.78
DB/DBW 30	147,5	88,9	44,5	41	12,7	76,2	31,8	20	21	115	82,6	20	34.52X3.53	9.25X1.78

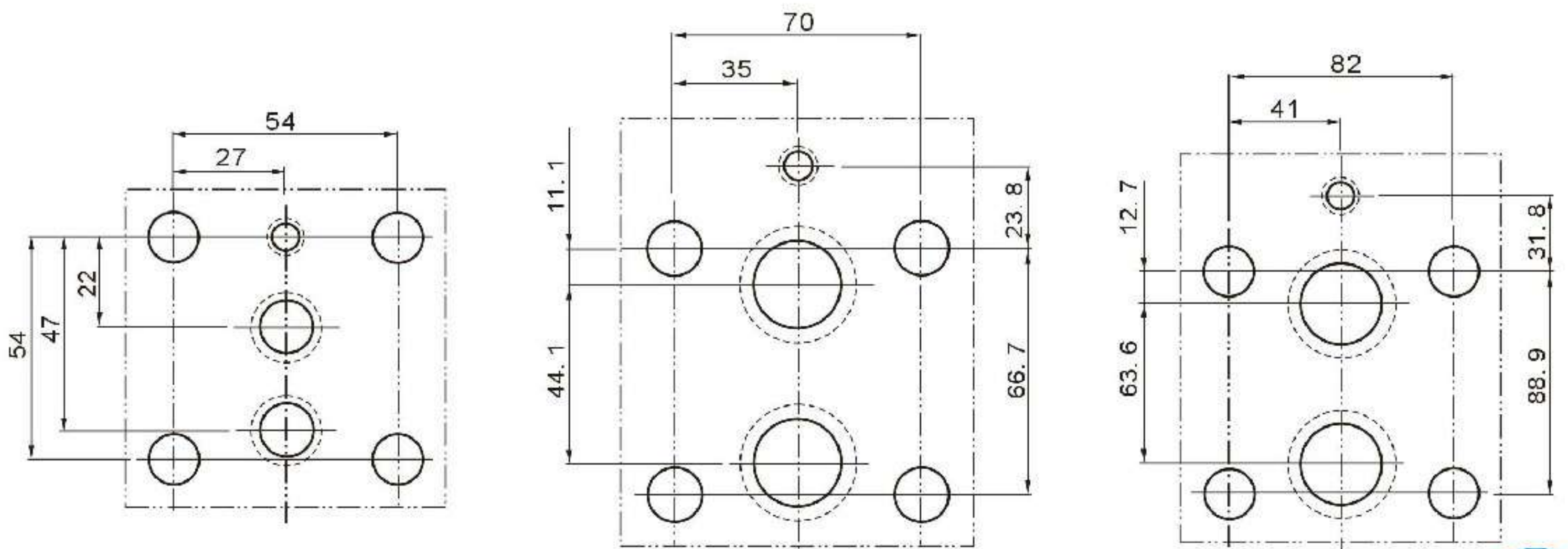
Mounting size

Unit: mm

DB/DBW-10

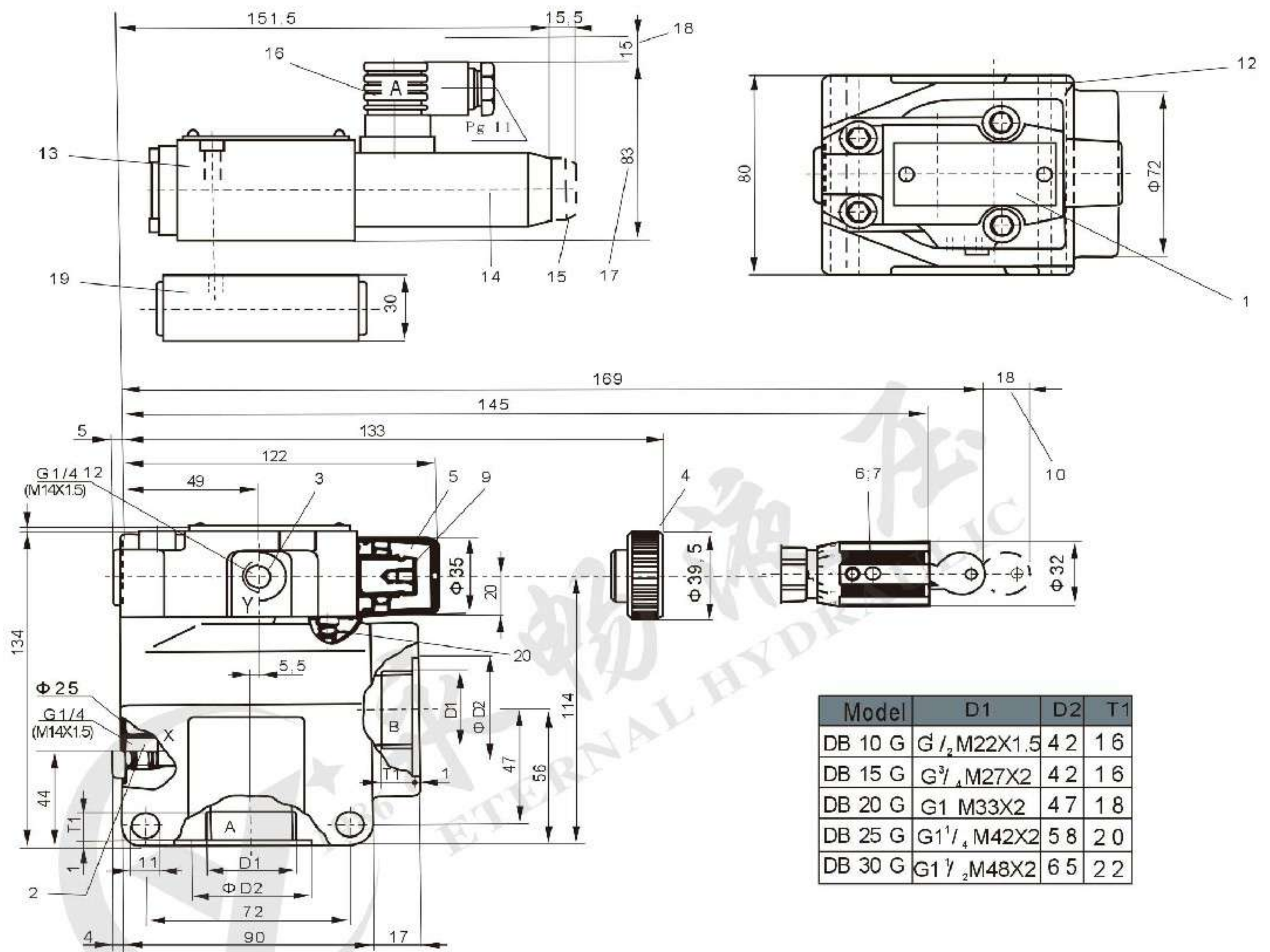
DB/DBW-20

DB/DBW-30

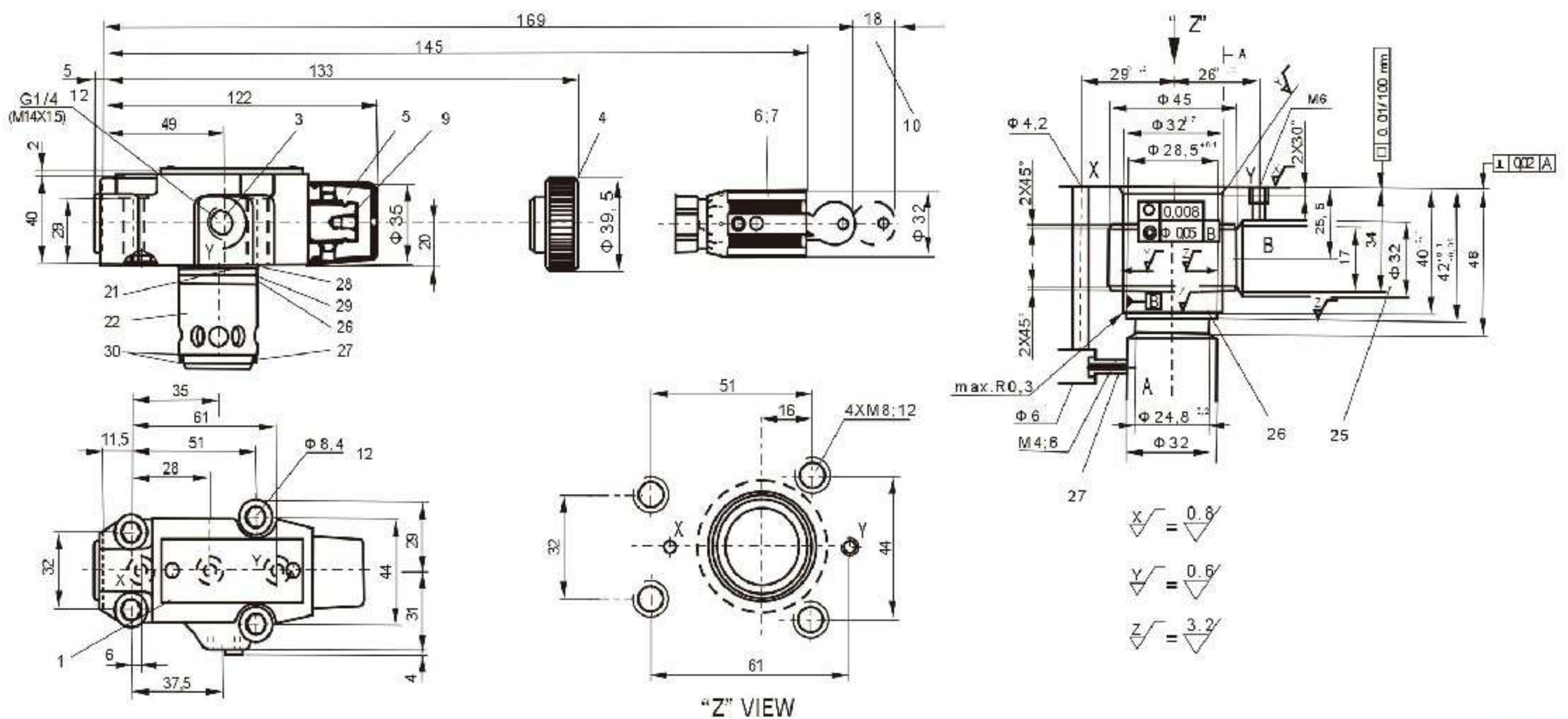


Dimensions

Unit: mm



DBC10/20/30 and DBC、DBT





DA series pilot operated unloading valves and DBW series solenoid operated unloading valves are used to unload the oil pumps' pressure in a hydraulic system with accumulator. The valve allows high-pressure pump to operate and low-pressure pump to unload pressure.

Technical specification

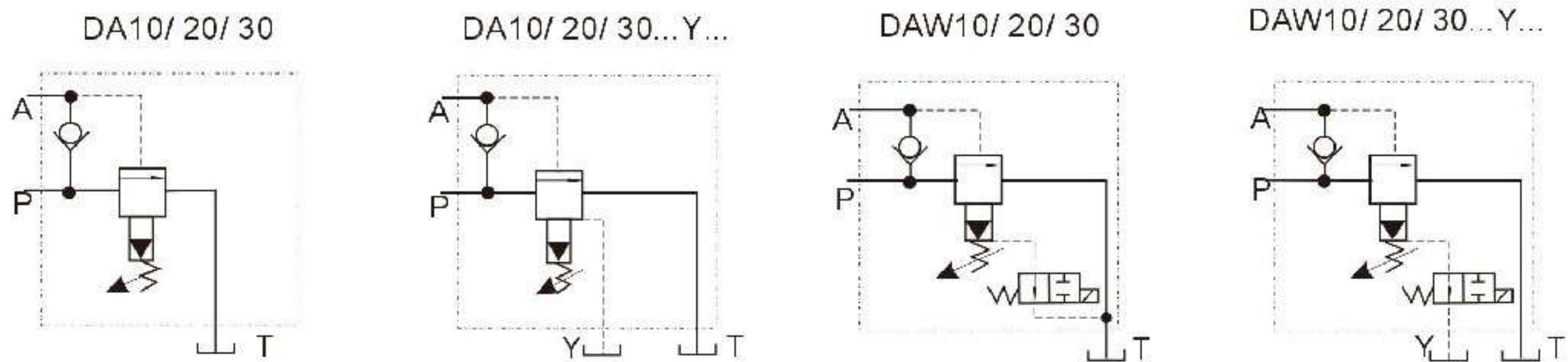
Model	DA-10	DAW-10	DA-20	DAW-20	DA-30	DAW-30
Max. flow rate (l/min)	40		100		250	
Working pressure (MPa)	31.5					
Weight(kgs)	3.8	4.9	7.7	8.8	13.4	14.5

Ordering details

DA	W	10	A	1	30	80
Sort	With solenoid valve	Nominal size	Normal state	Adjustment type	Series number	Pressure adjustment range
Pilot operated unloading valve	No code: Without solenoid valve W: With solenoid valve	10:NG10 20:NG20 30:NG30	A:Normal closed B:Normal open	1:Rotary knob 2:Sleeve with hexagon and protective cap 3:Lockable rotary knob with scale	30:30 series	80:2~8MPa 160:8~16MPa 315:16~31.5MPa

Y	G24	N	Z4L	V
Oil control	Input voltage	Manual override	Connector type	Seals
No code: Internal control internal drain Y: Internal control external drain	G24: DC24 W220: AC220	No code: Without manual override N: With manual override	Z4: Standart plug-in connector Z4L: Plug-in connector with light	No code: NBR seals for petroleum oils V: FPM seals for phosphate ester

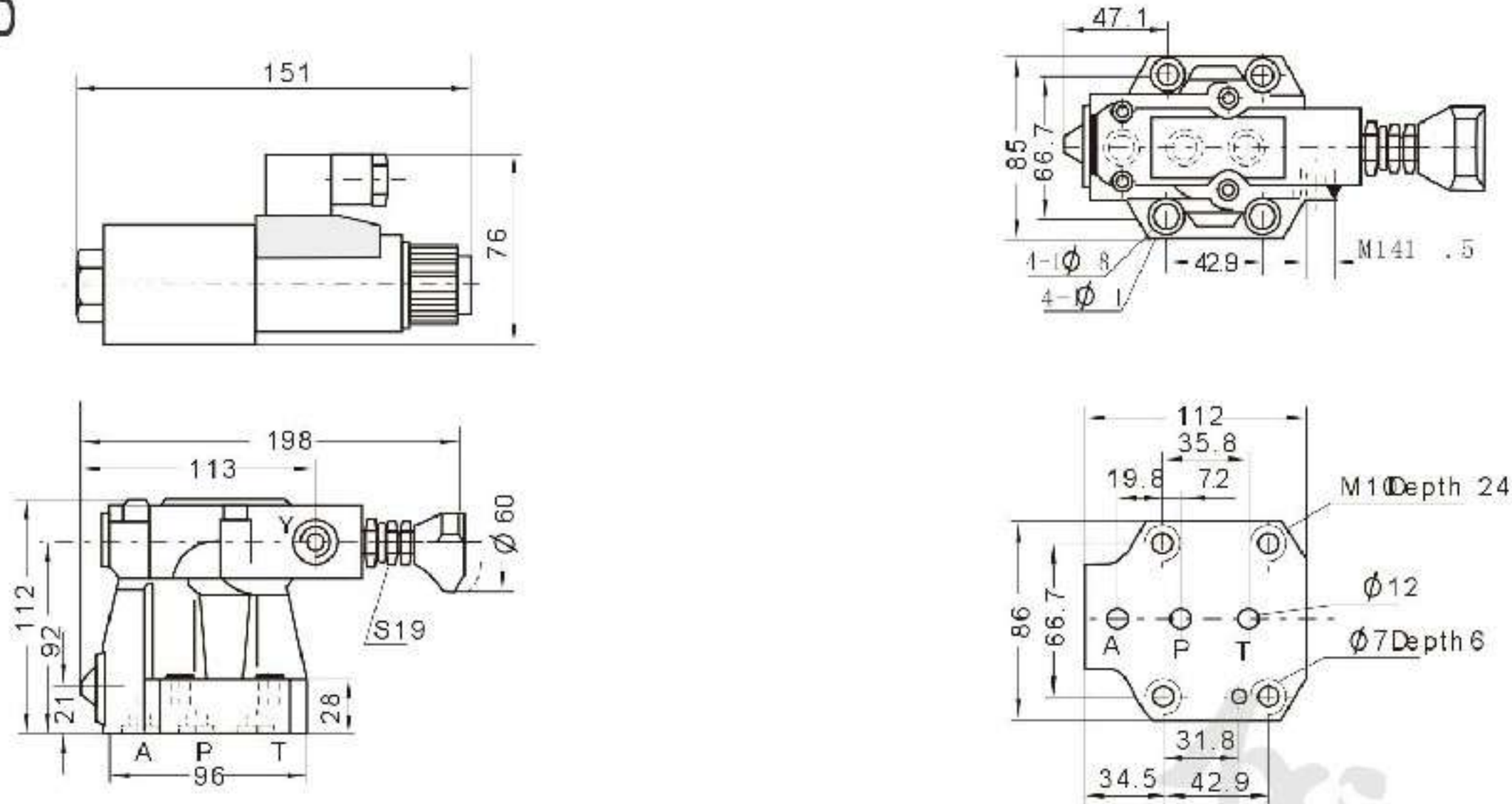
Symbol list



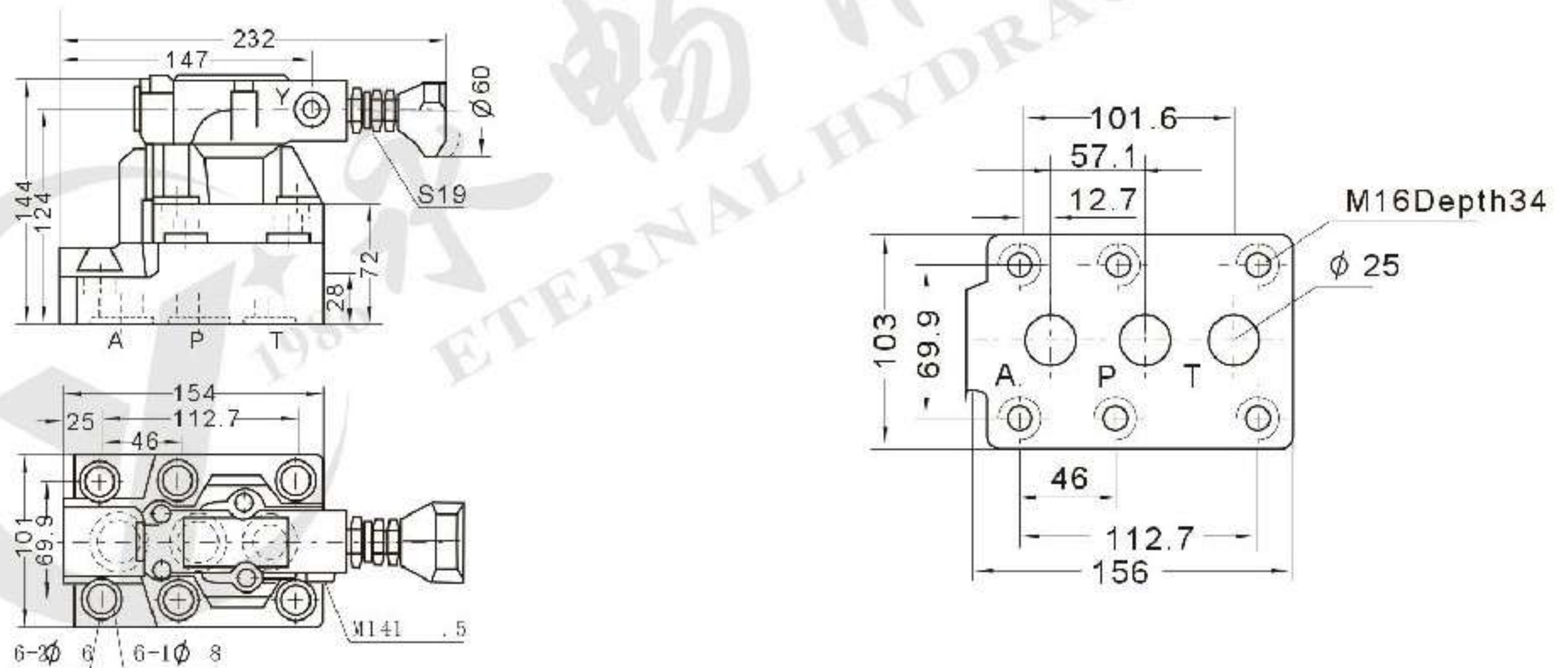
Unit: mm

Dimensions

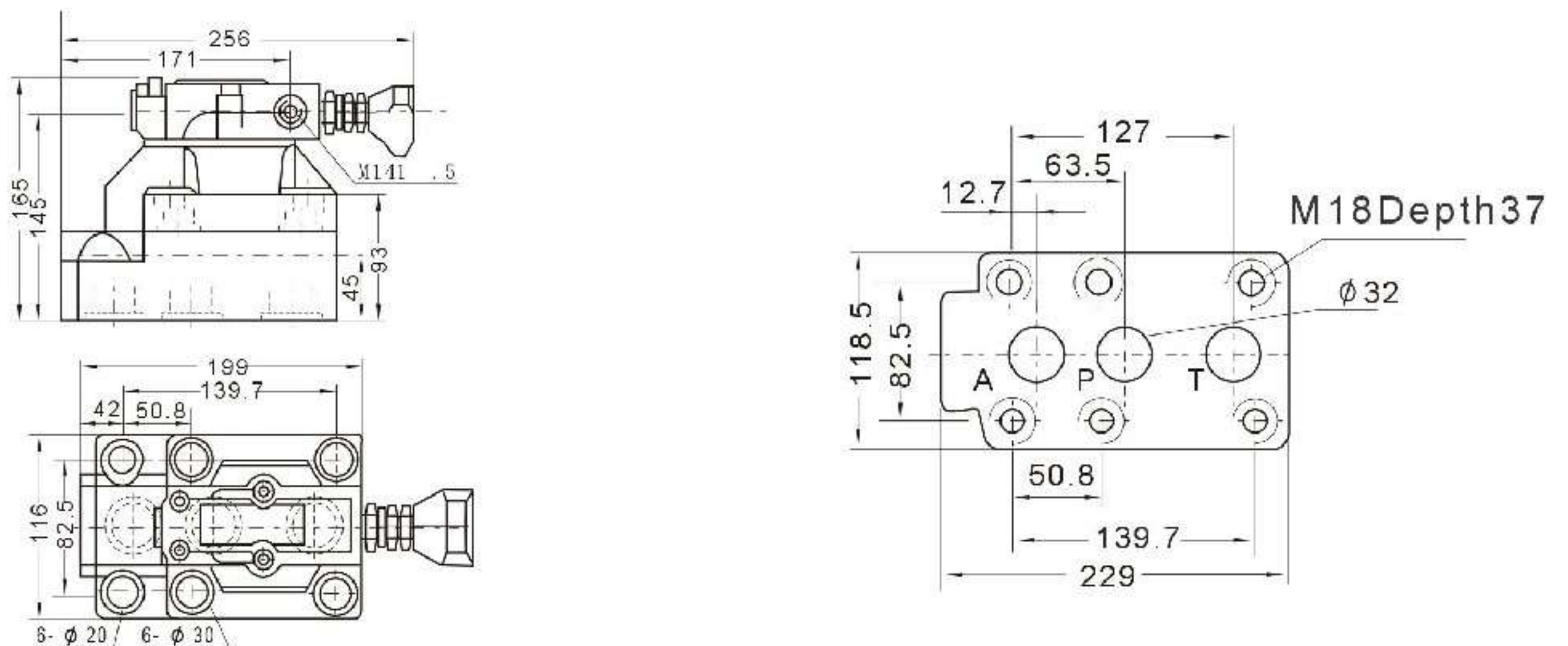
DA/DAW-10



DA/DAW-20



DA/DAW-30



DR series pilot operated pressure reducing valves are pilot operated pressure reducing valves , which can be used to reduce and maintain pressure in a certain circuit.



Technical specification

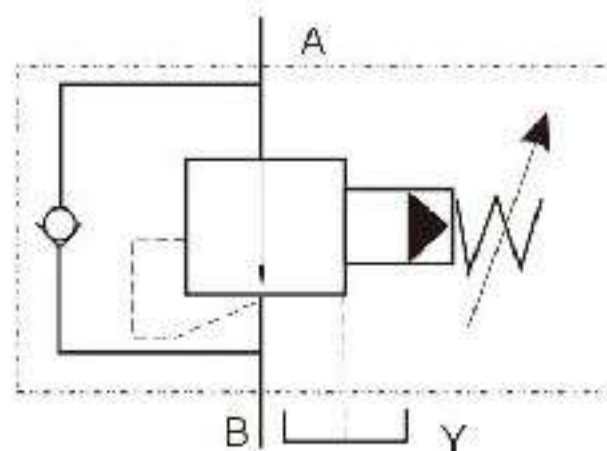
Model	DR-10	DR-20	DR-30
Max. flow rate (l/min)	150	300	400
Working pressure (MPa)	35		
Input pressure (MPa)	35		
Output pressure (MPa)	1 to 35		
Back pressure Y port (MPa)	35(Only used for without check valve)		
Weight(kgs)	3.4	5.3	8

Ordering details

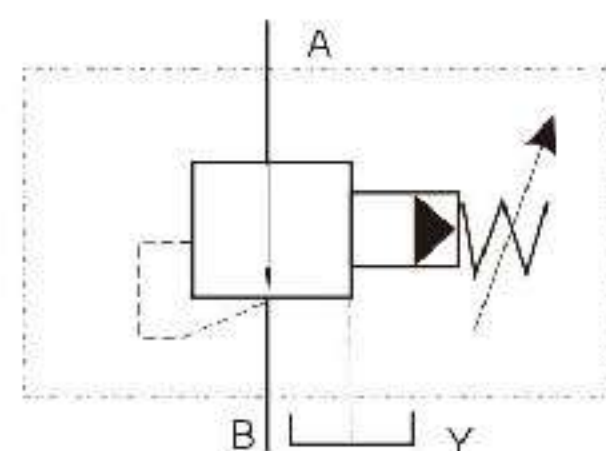
DR	10	1	6X	10	Y	M	V
Sort	Nominal size	Adjustment type	Series number	Pressure adjustment range	Oil control	With check valve	Seals
Pilot operated pressure reducing valve	10:NG10 20:NG20 30:NG30	1:Rotary knob 2:Sleeve with hexagon and protective cap 3:Lockable rotary knob with scale	6X:6X series	5:5MPa 10:10MPa 20:20MPa 31.5:31.5MPa 35:35MPa	Y:Internal control external drain XY:External control external drain	No code: Without check valve M: With check valve	No code: NBR seals for petroleum oils V: FPM seals for phosphate ester

Symbol list

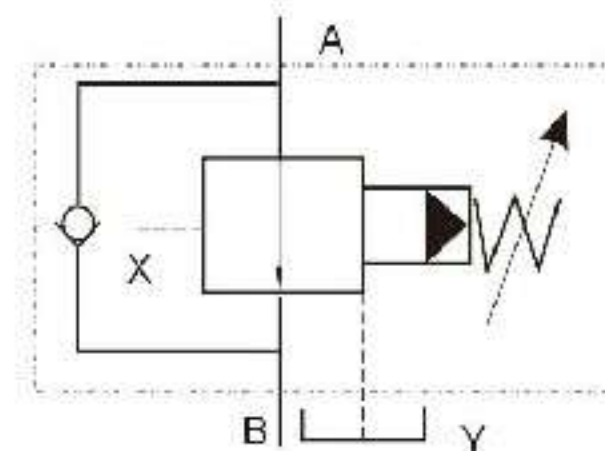
DR- *-Y-M



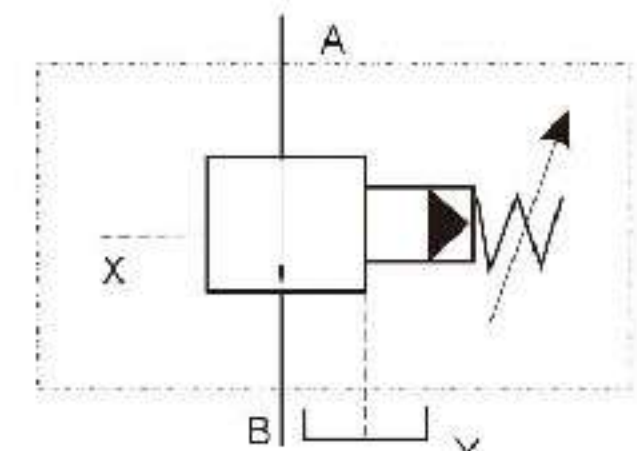
DR- *-Y



DR- *-XY-M



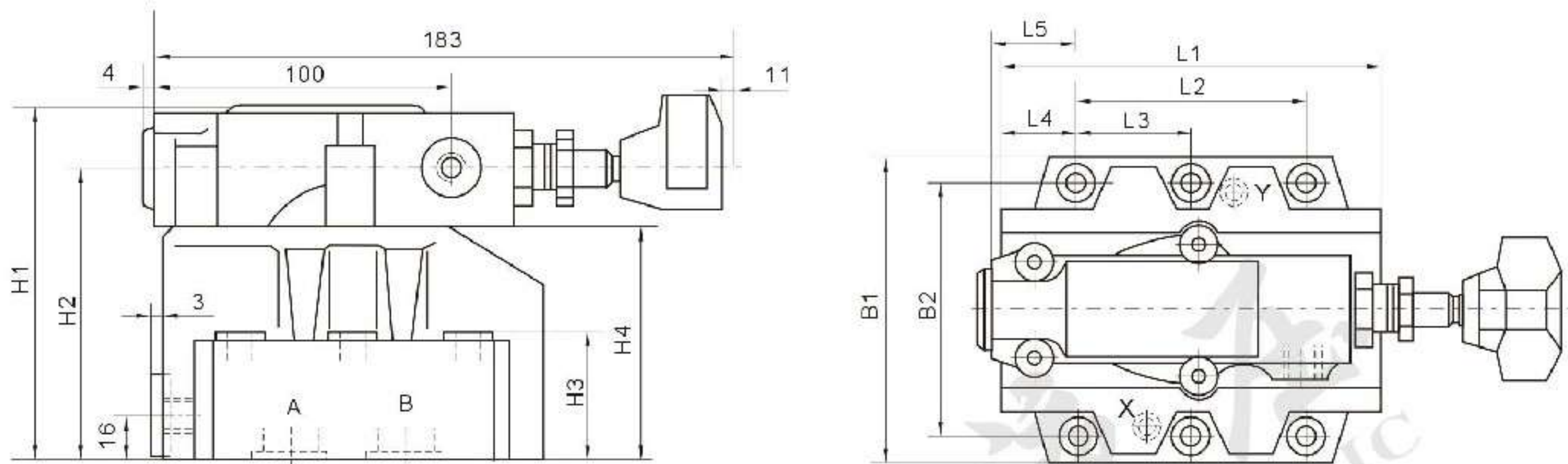
DR- *-XY



Dimensions

Unit: mm

DR-10/20/30



Model	B1	B2	H1	H2	H3	H4	L1	L2	L3	L4	L5
DR-10	85	66.7	112	92	28	72	90	42.9	-	35.5	34.5
DR-20	102	79.4	122	102	38	82	112	60.3	-	33.5	37
DR-30	120	96.8	130	110	46	90	140	84.2	42.1	28	31.3

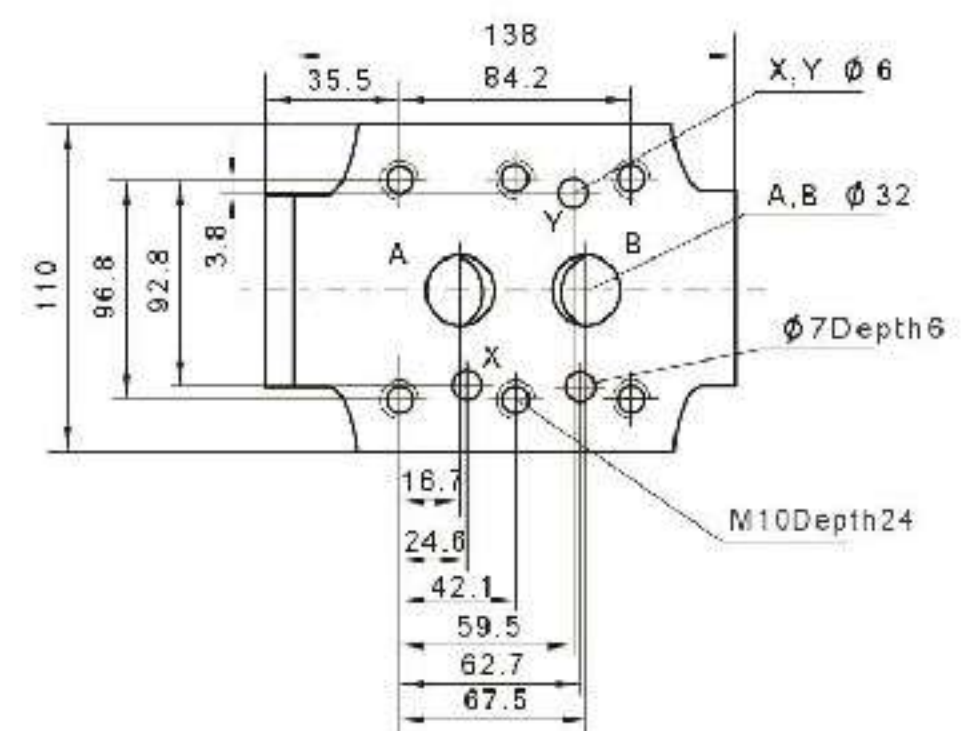
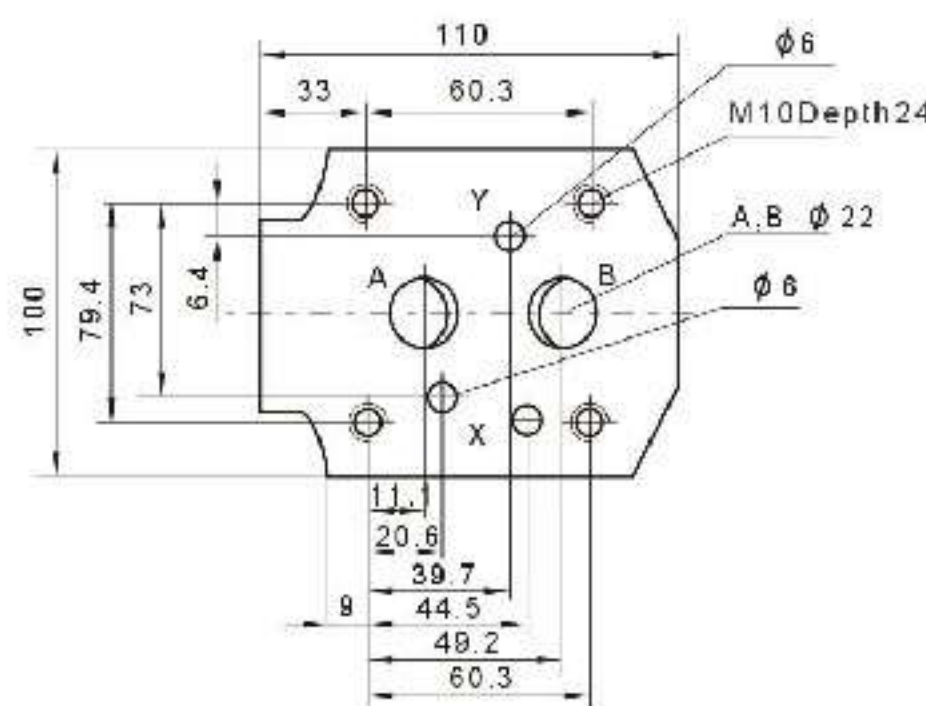
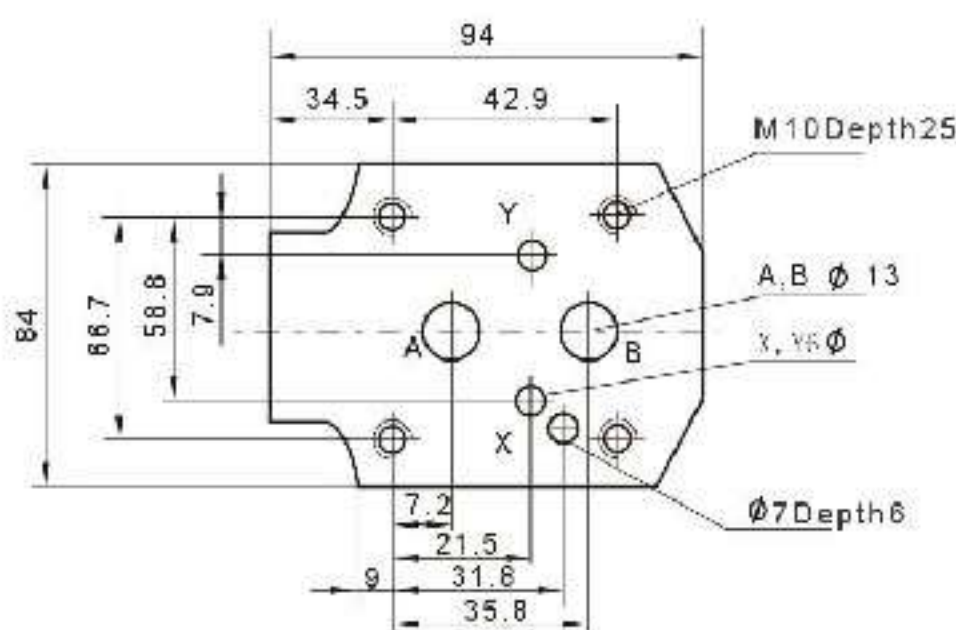
Mounting size

Unit: mm

DR-10

DR-20

DR-30



DZ series pilot-operated sequence valves are used to control the sequencing, braking, unloading or other functions. The valve has two connection types and four kinds of control methods of pilot oil, therefore, it has different functions by changing the control method of pilot oil.



Technical specification

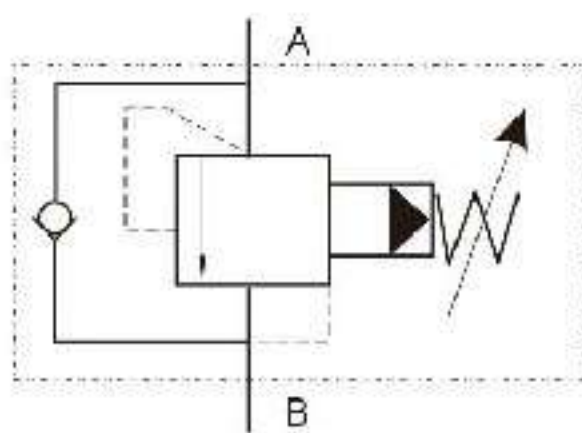
Model	DZ-10	DZ-20	DZ-30
Max. flow rate (l/min)	100	200	400
Working pressure (MPa)	21		
Weight(kgs)	3.4	5.3	8

Ordering details

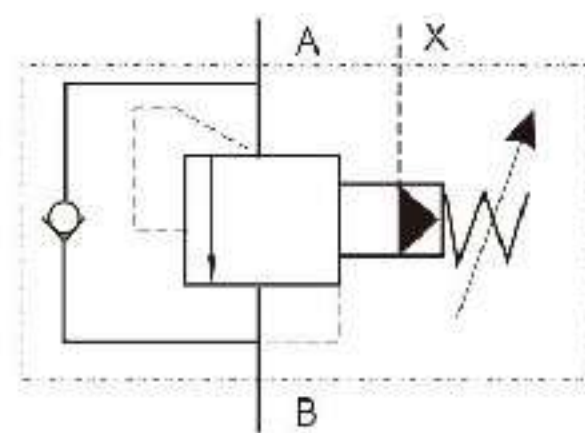
DZ	10	1	6X	210	X	M	2	V
Sort	Nominal size	Adjustment type	Series number	Pressure adjustment range	Oil control	With check valve	Drain port thread	Seals
Pilot operated sequence valve	10:NG10 20:NG20 30:NG30	1:Rotary knob 2:Sleeve with hexagon and protective cap 3:Lockable rotary knob with scale	6X6X series	210:210MPa	No code:Internal control internal drain X:External control internal drain Y:Internal control external drain XY:External control external drain	No code: Without check valve M: With check valve	No code:G1/4" 2:M14×1.5	No code: NBR seals for petroleum oils V: FPM seals for phosphate ester

Symbol list

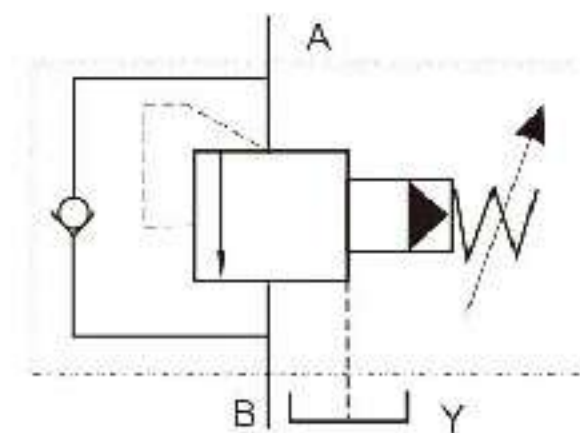
DZ- * - M



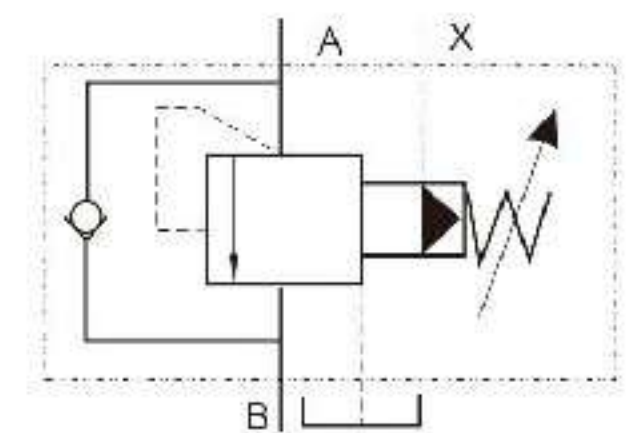
DZ- * -X-M



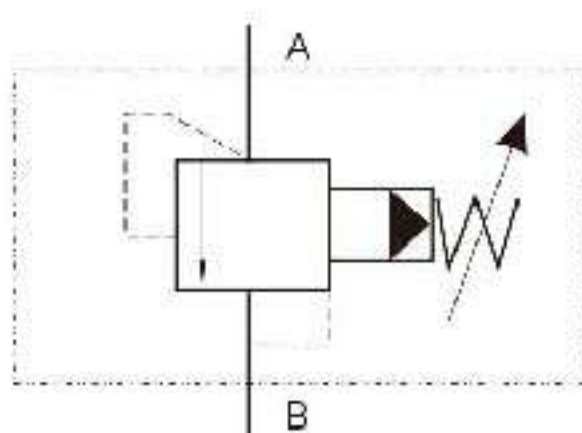
DZ- * -Y-M



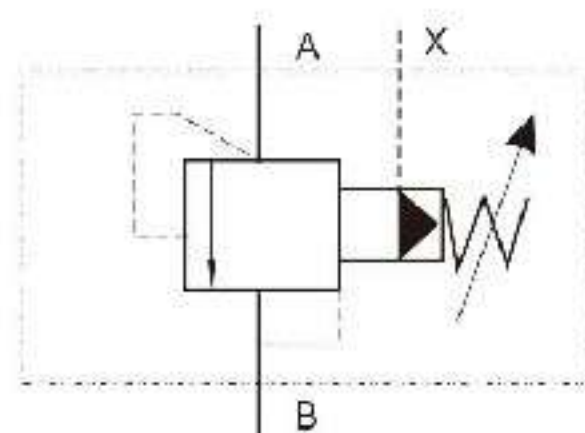
DZ- * -XY-M



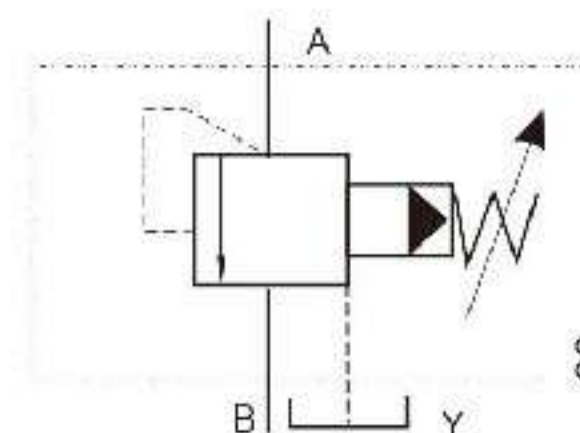
DZ- *



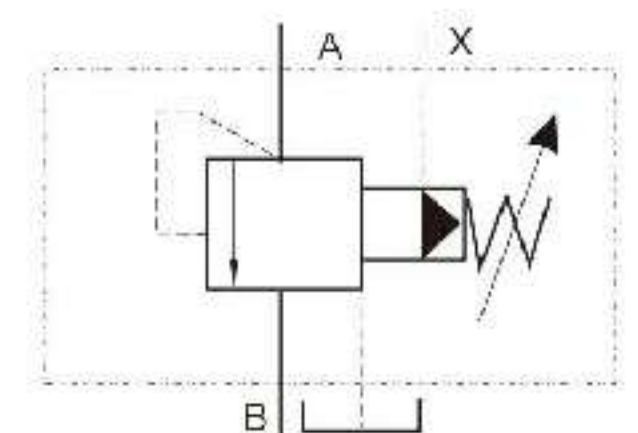
DZ- * -X



DZ- * -Y



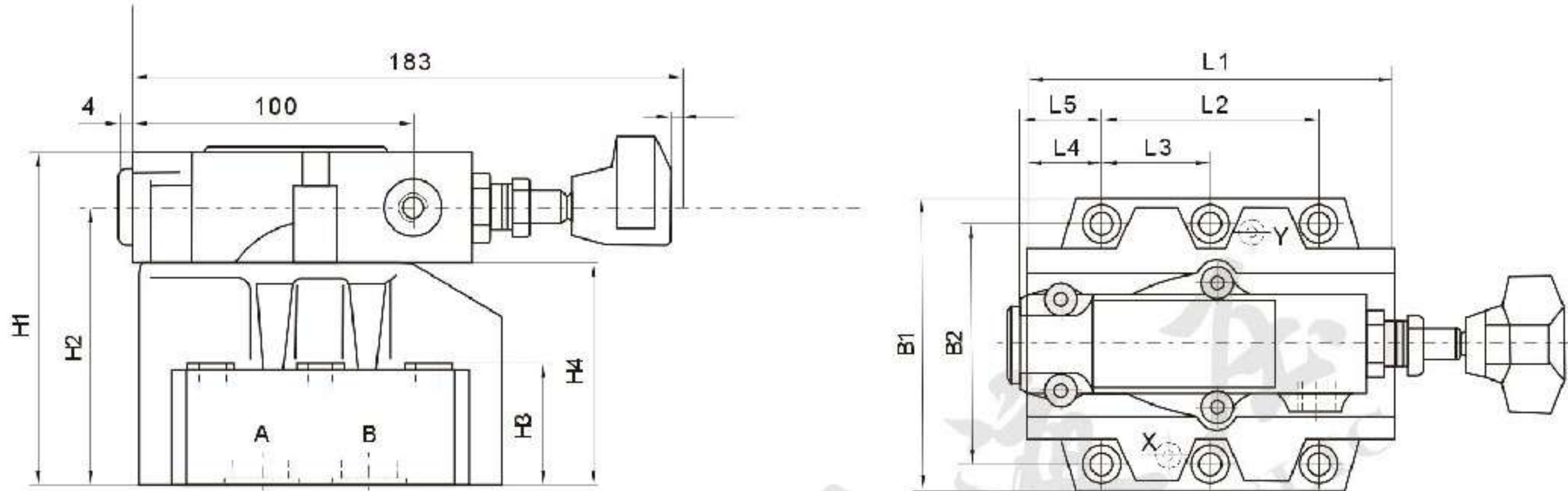
DZ- * -XY



Dimensions

Unit: mm

DZ-10/20/30



Model	B1	B2	H1	H2	H3	H4	L1	L2	L3	L4	L5	O-Ring		Fixings crew GB70-85
												Port X, Y	Port A, B	
DZ-10	85	66.7	112	92	28	72	90	42.9	-	35.5	34.5		17.13 2.62	4-M10×50-12.9
DZ-20	102	79.4	122	102	38	82	112	60.3	-	33.5	36.5	8.73×1.78	26.58 3.53	4-M10×60-12.9
DZ-30	120	96.8	130	110	46	90	140	84.2	42.1	28	31.3		35.6×3.6	6-M10×70-12.9

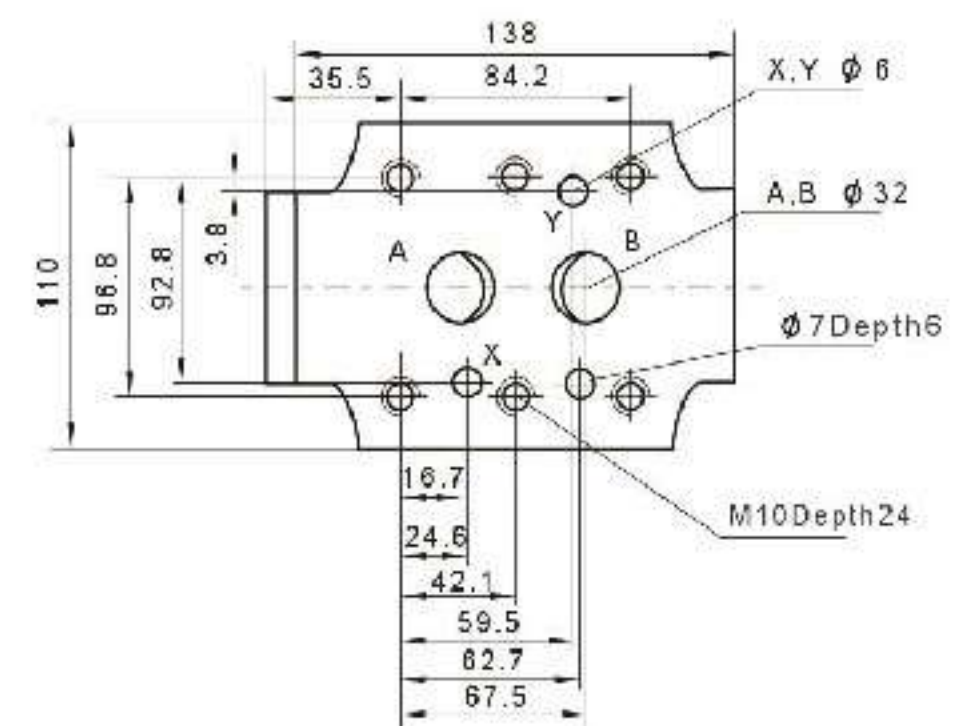
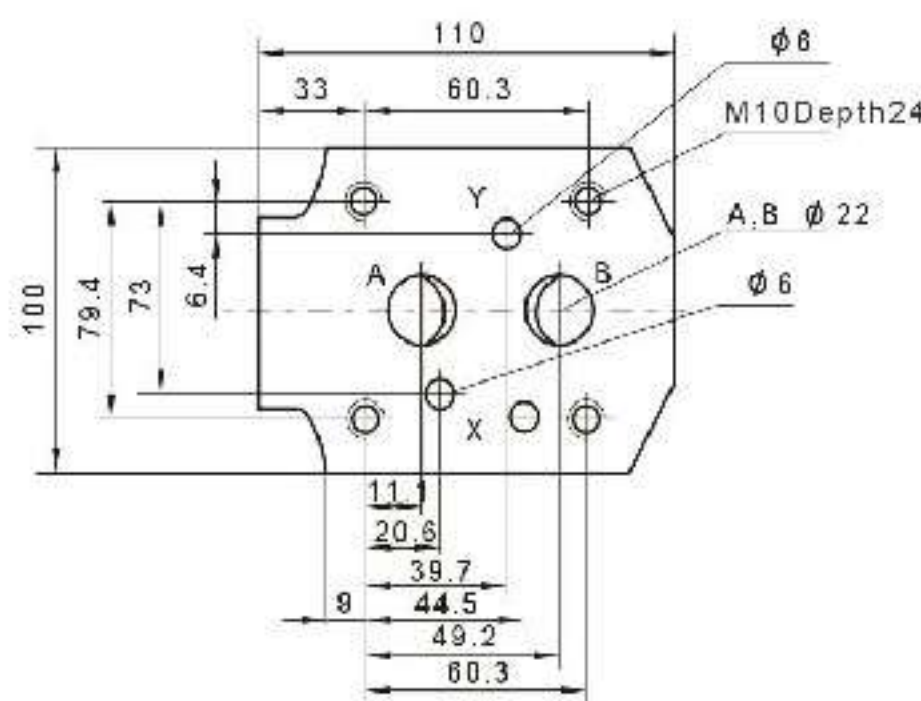
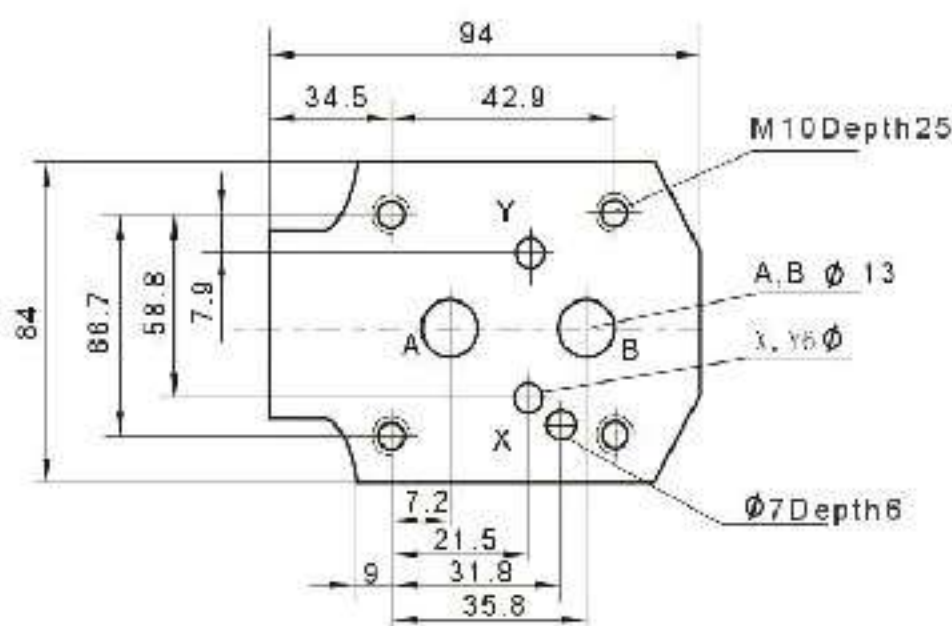
Mounting size

Unit: mm

DZ-10

DZ-20

DZ-30





BS series pilot operated relief valves and SBS series solenoid operated relief valves can be used to control and unload system pressure. Both of valves use low noise design and have better stability in operation.

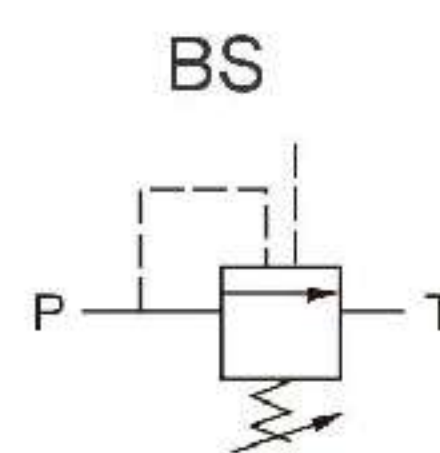
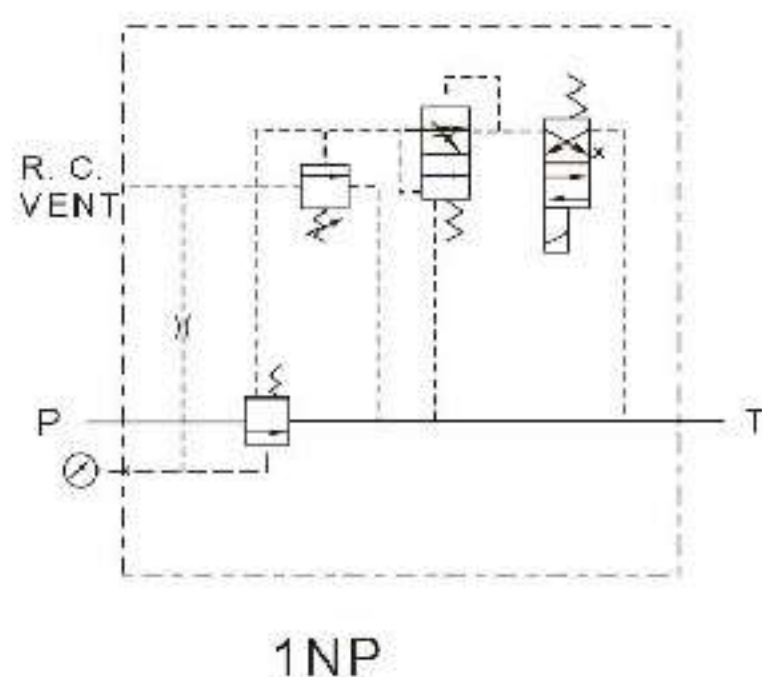
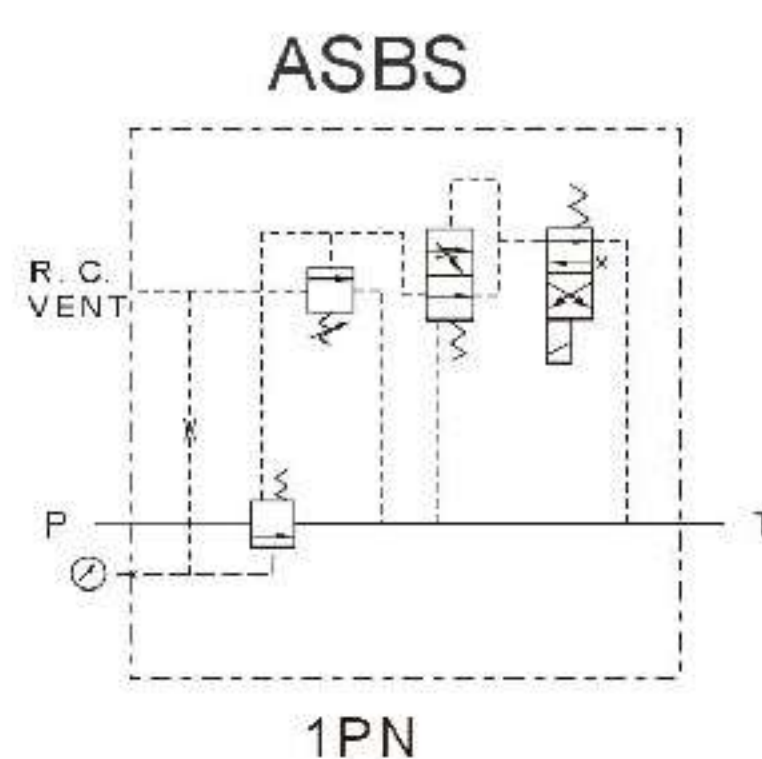
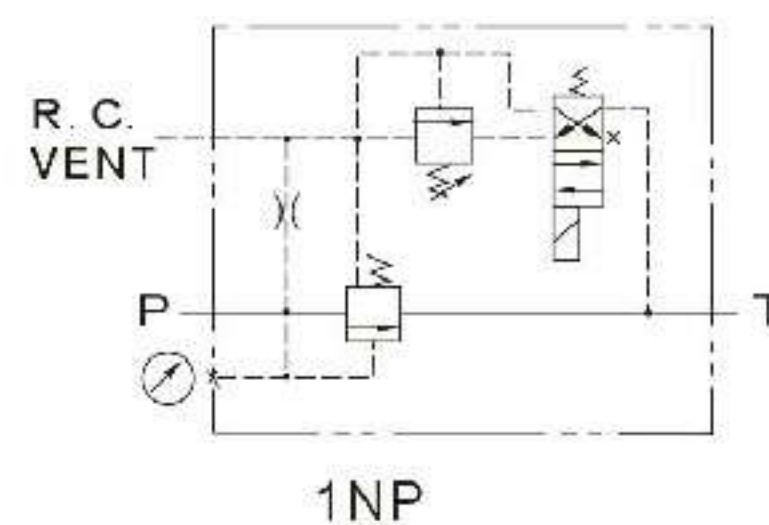
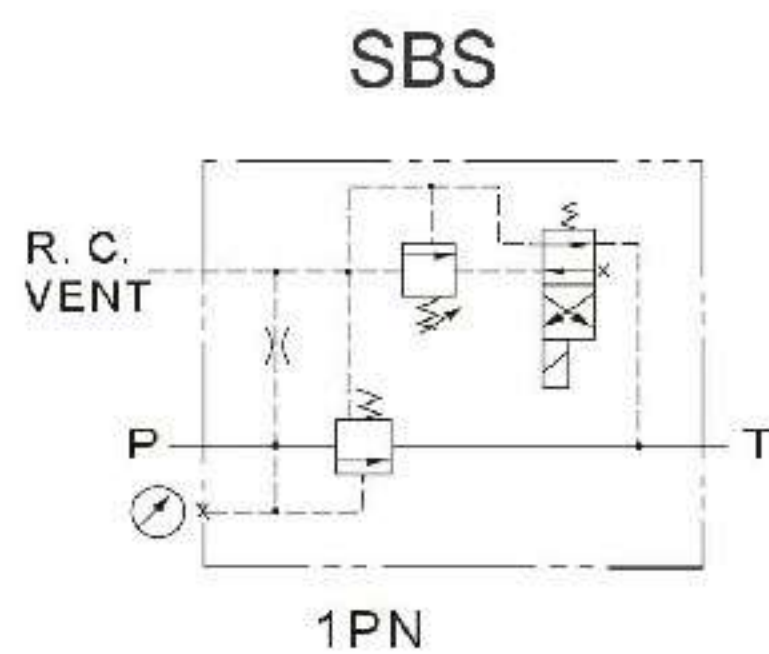
Technical specification

Model	BS-03	SBS-03	ASBS-03	BS-06	SBS-06	ASBS-06	BS-10	SBS-10	ASBS-10
Max flow rate (l/min)	100			200			400		
Working pressure (MPa)	25								
Weight(kgs)	4.7	6.5	7.5	6	7.5	8.5	11.5	13	14.5

Ordering details

A	SBS	G	03	1PN	1	L	A240	10	30
Shockproof valve D	Sort	Mounting type	Nominal size	Normal state	Pressure adjustment range	Handwheel position	Input voltage	Connector type	Design code
No code: Omit A: With shockproof valve D	BS: Pilot operated relief valves SBS: Solenoid operated relief valves	Subplate mounting	03: NG10 06: NG20 10: NG30	1PN: Normal open 1NP: Normal closed	1: 2~70bar 2: 35~140bar 3: 70~250bar	L: Left R: Right	D12: DC12 D24: DC24 A240: AC240 A220: AC220 A110: AC110 R240: RAC240 R220: RAC220 R110: RAC110	10: Wire box with light 20: Plug-in connector with light	30

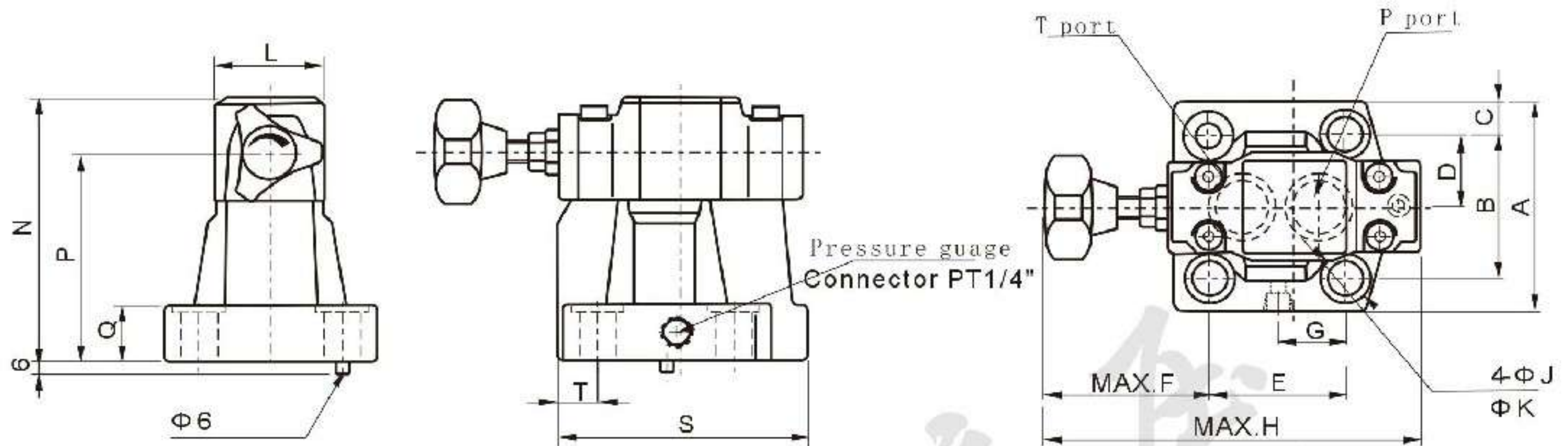
Symbol list



Dimensions

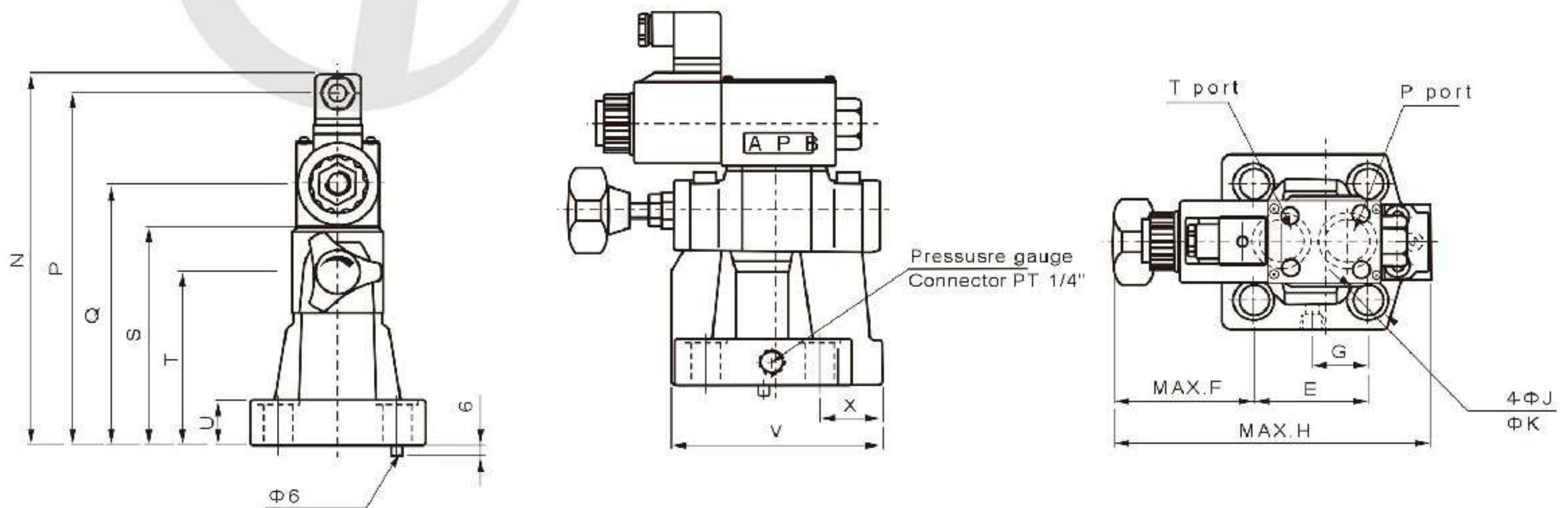
Unit: mm

BSG-03/06/10



Model	A	B	C	D	E	F	G	H	J	K	L	N	P	Q	S	T
BS-G03	76	53.8	11.1	26.9	53.8	113.5	22	171	13.5	21	51	132	104	22	106	26.1
BS-G06	104	70	17	35	66.7	98.8	27	171	17.5	25	51	132	104	27	123	19.3
BS-G10	120	82.6	18.7	41.3	88.9	89	33.5	219	21.5	32	65	167	135	33.5	155	21.1

SBSG-03/06/10

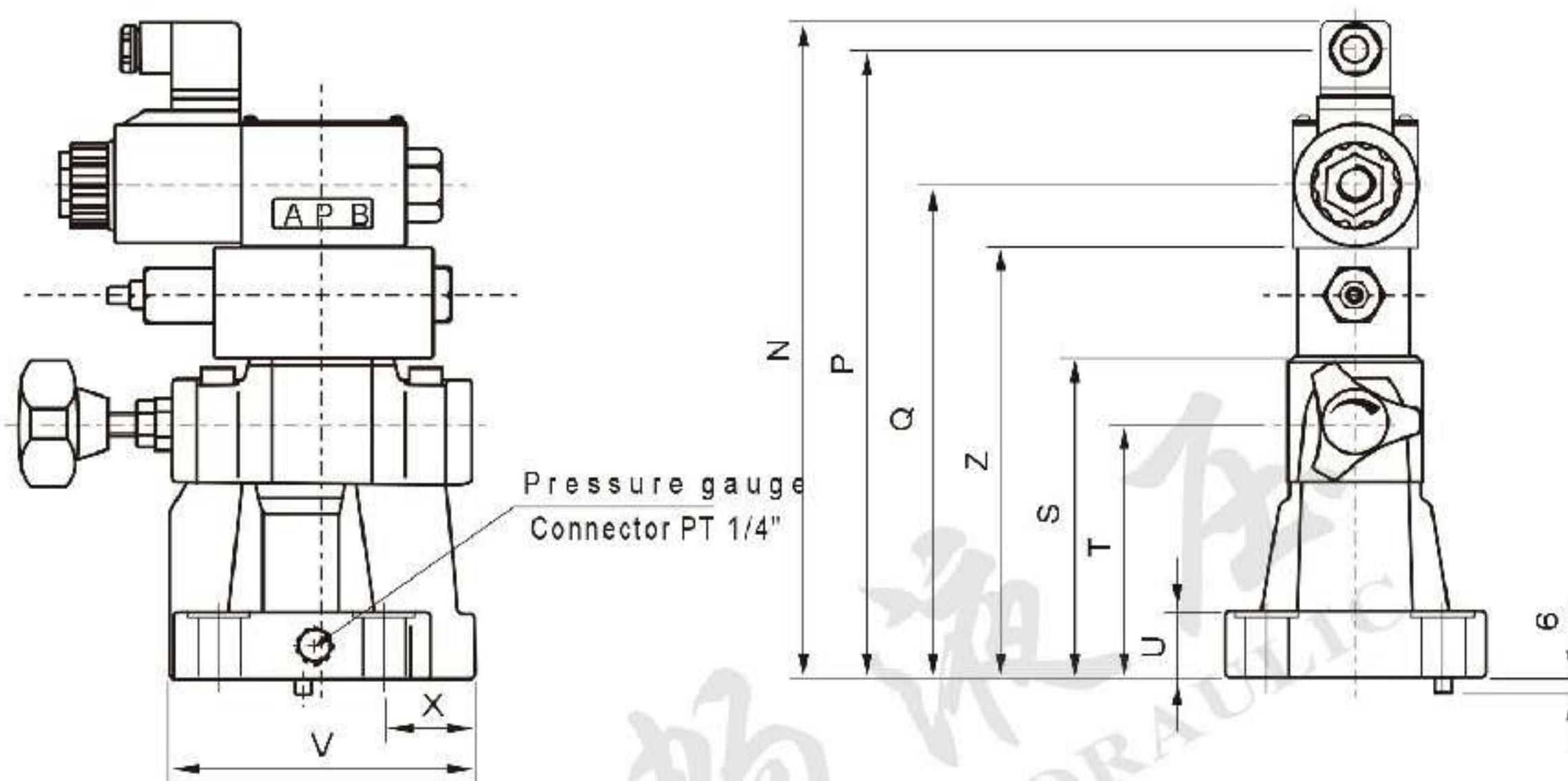


Model	A	B	C	D	E	F	G	H	J	K	L	N	P	Q	S	T	U	V	X
SBS-G03	76	53.8	11.1	26.9	53.8	113.5	27	171	13.5	21	48	220.5	206.8	157	132	104	22	106	26
SBS-G06	104	70	17	35	66.7	98.8	33.7	171	17.5	25	48	220.5	206.8	157	132	104	27	123	36.5
SBS-G10	120	82.6	18.7	41.3	88.9	100	44.9	182	21.5	25	65	247.5	237.5	191.5	167	135	33.5	155	47

Dimensions

Unit: mm

ASBSG-03/06/10



Model	Z	N	P	Q	S	T	U	V	X
A-SBS-G03	172	260.5	246.8	197	132	104	22	106	26
A-SBS-G06	172	260.5	246.8	197	132	104	27	123	36.5
A-SBS-G10	207	287.5	277.5	231.5	167	135	33.5	155	47

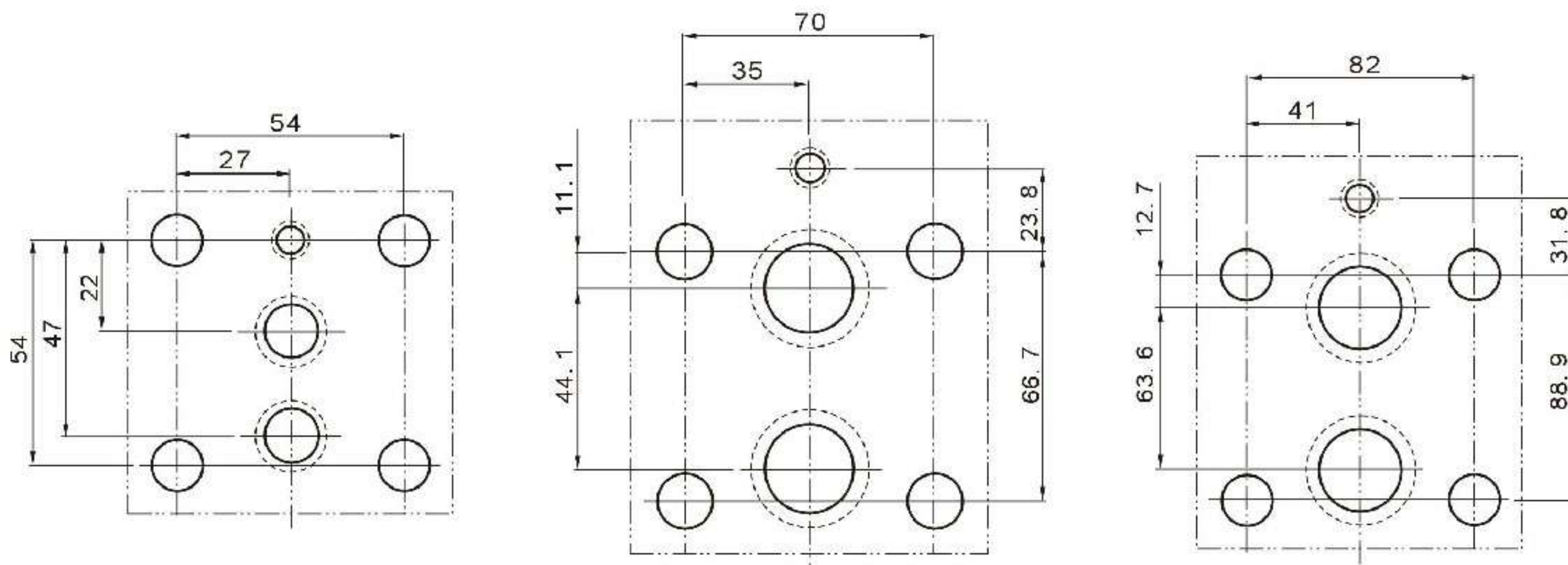
Mounting size

Unit: mm

BS/SBS/ASBS-03

BS/SBS/ASBS-06

BS/SBS/ASBS-10





RV series pilot operated relief valves can be used to control and unload system pressure.

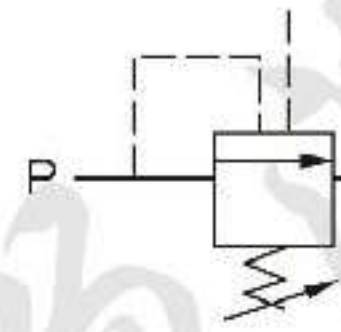
Ordering details

RV	G	03	1	30
Sort	Mounting type	Nominal size	Pressure adjustment range	Design code
Pilot operated relief valves	G: Subplate mounting T: Thread mounting	03: NG10 06: NG20 04: PT1/2" 06: PT3/4"	1: 8~70bar 2: 35~140bar 3: 70~250bar	30

Technical specification

Model	RVG-03	RVG-06	RVT-04	RVT-06
Max. flow rate (l/min)	100	200	100	200
Working pressure (MPa)	25			
Weight(kgs)	5.6	6.9	2.8	4.5

Symbol

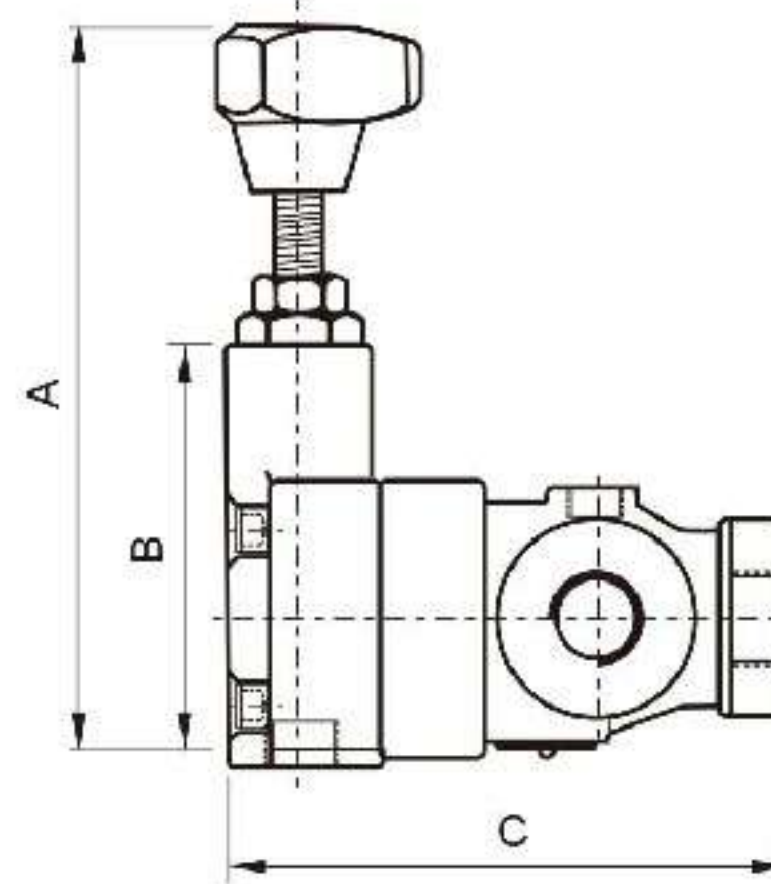
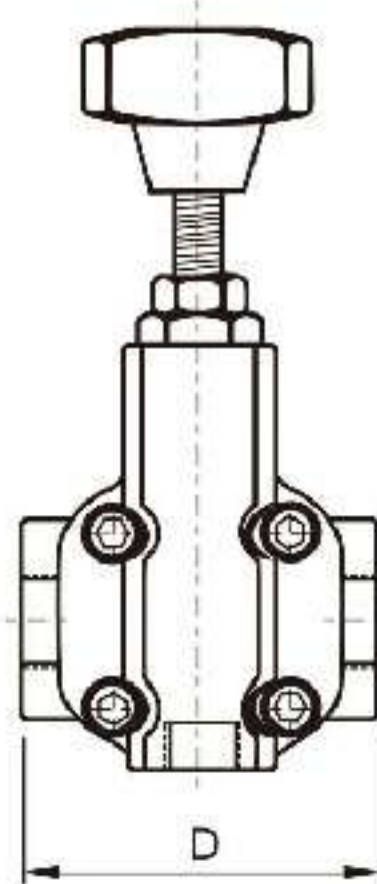
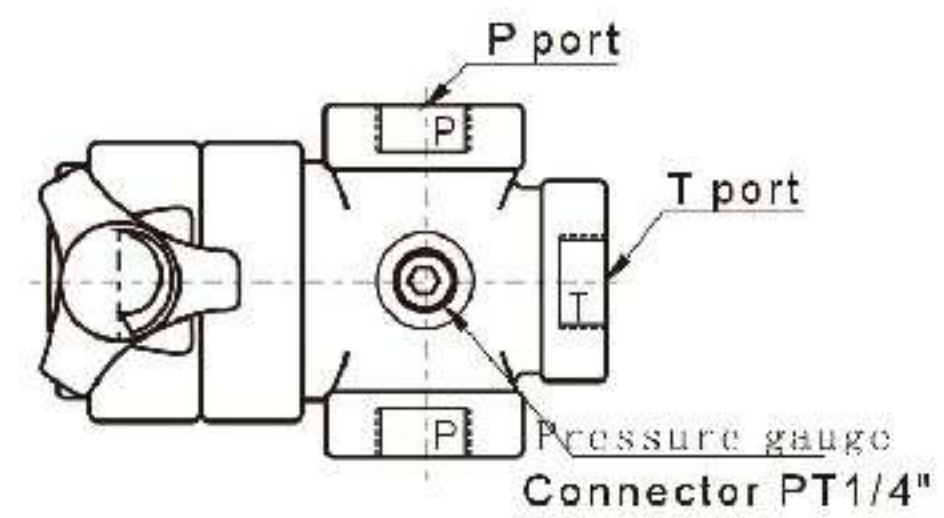


Unit: mm

Dimensions

RVT-04/06

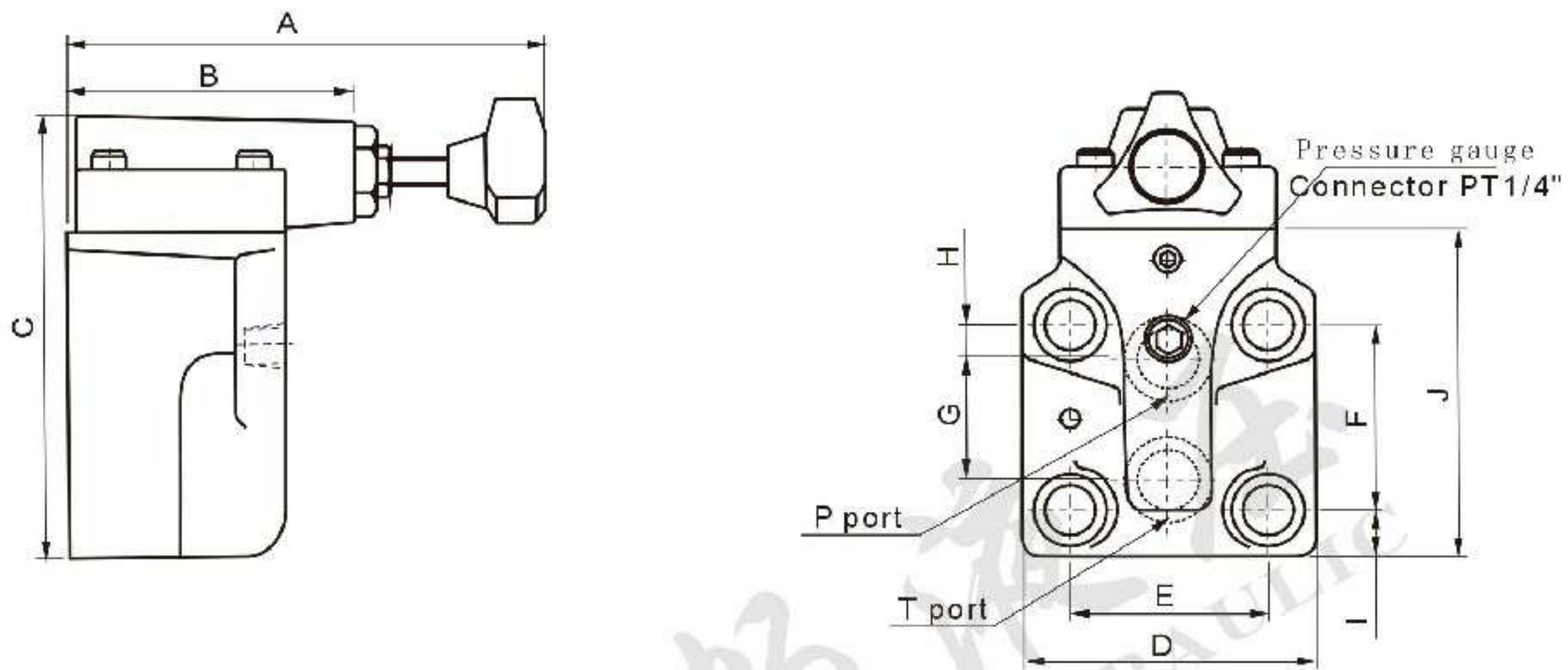
Model	A	B	C	D	P	T
RVT-04**	MAX.142	92	111	84.5	PT1/2"	PT1/2"
RVT-06**	MAX.148	102	140	103	PT3/4"	PT3/4"



Dimensions

Unit: mm

RVG-03/06

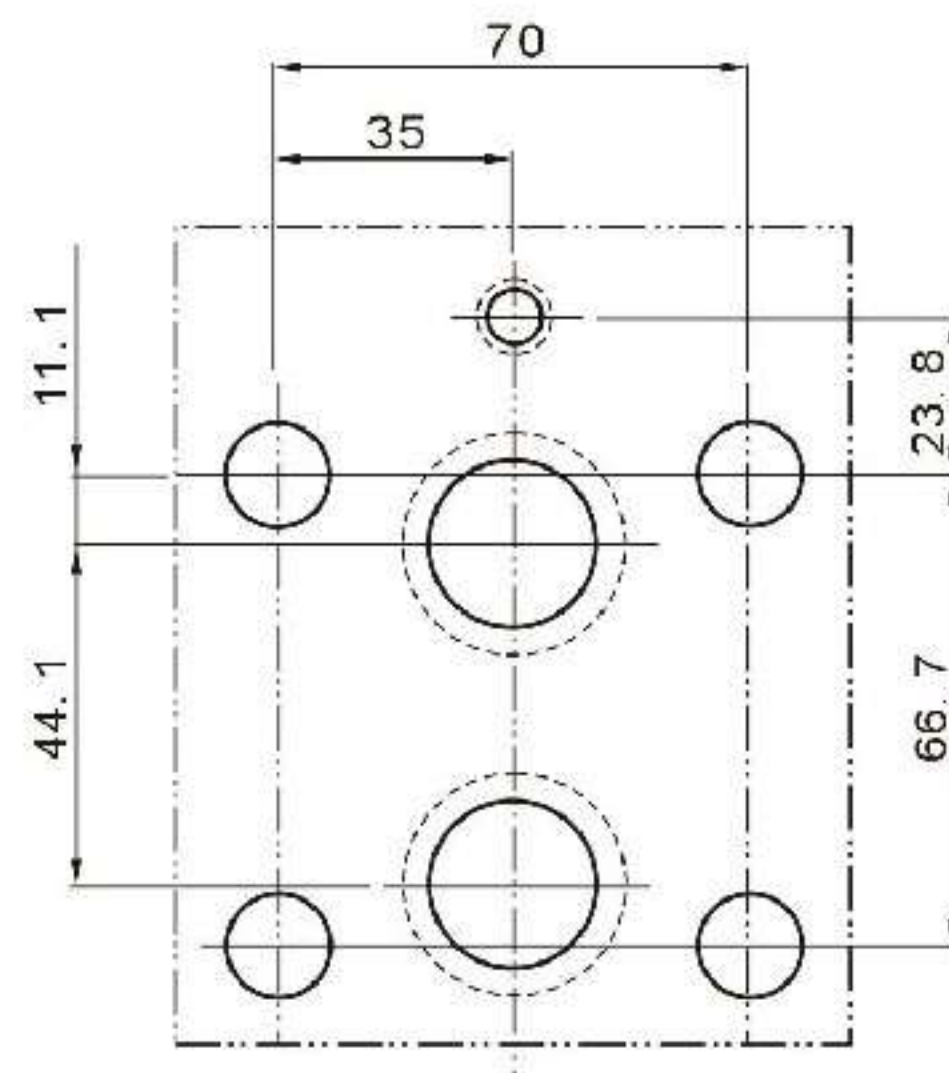
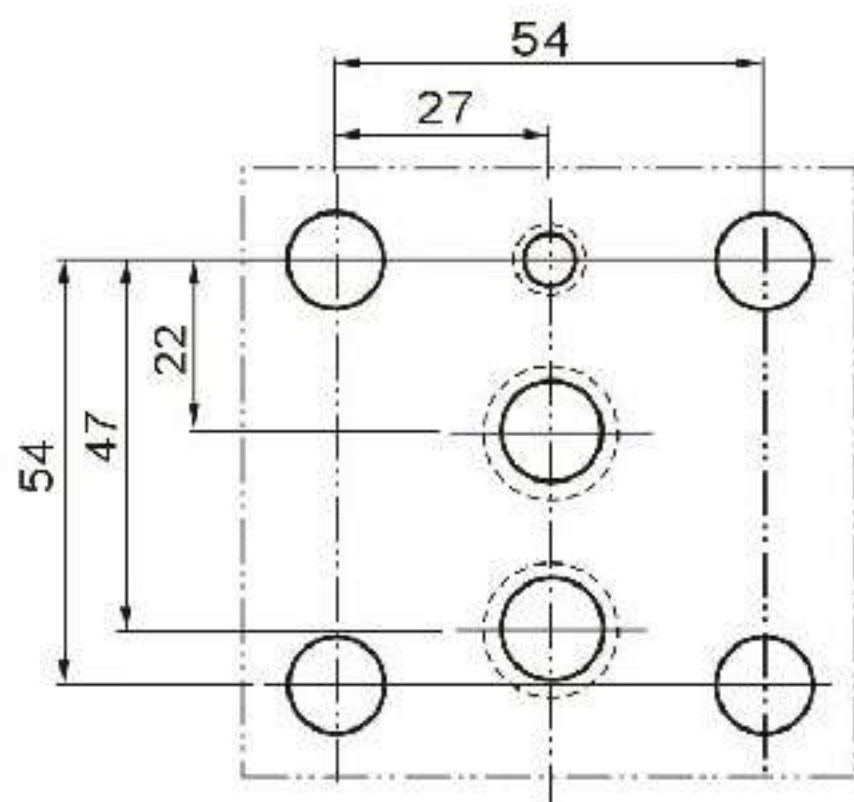


Model	A	B	C	D	E	F	G	H	I	J
RVG-03-**	MAX.165	104	140	84	54	54	25	22	22.5	100
RVG-06-**	MAX.175	104	160	105	70	66.6	44.1	11.1	16.9	122

Mounting size

RVG-03

RVG-06





SRVG series solenoid operated relief valves are can be used to control and unload system pressure and make hydraulic system controlled by two stage or three stage.

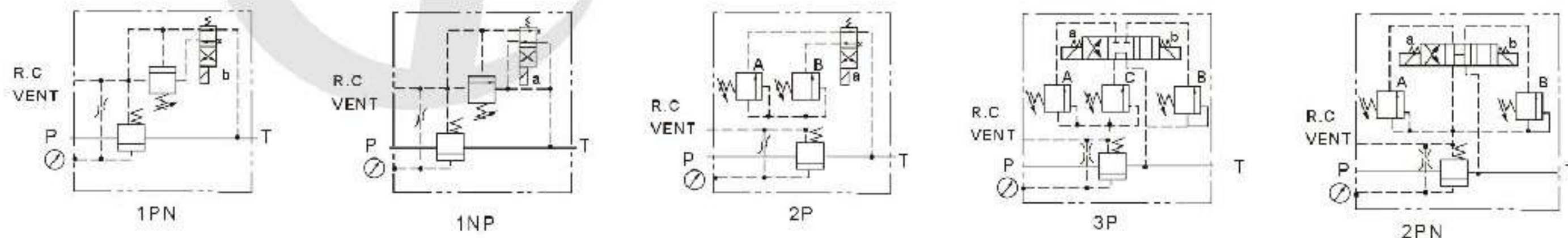
Technical specification

Model		SRVG-03	SRVG-06
Max. flow rate (l/min)		100	200
Working pressure (MPa)		25	
Weight(kgs)	1PN/1NP	7.5	8
	2P	—	10
	2NP/3P	—	12

Ordering details

SRV	G	03	1PN	1	A240	10
Sort	Mounting type	Nominal size	Normal state	Pressure adjustment range	Input voltage	Connector type
Solenoid operated relief valves	Subplate mounting	03: NG10 06: NG20	1PN: Normal open 1NP: Normal closed 2P: Two stage 3P: Three stage 2PN: Two stage normal open	1: 2~70bar 2: 35~140bar 3: 70~250bar	D12: DC12 D24: DC24 A240: AC240 A220: AC220 A110: AC110 R240R: RAC240 R220R: RAC220 R110R: RAC110	10: Wire box with light 20: Plug-in connector with light

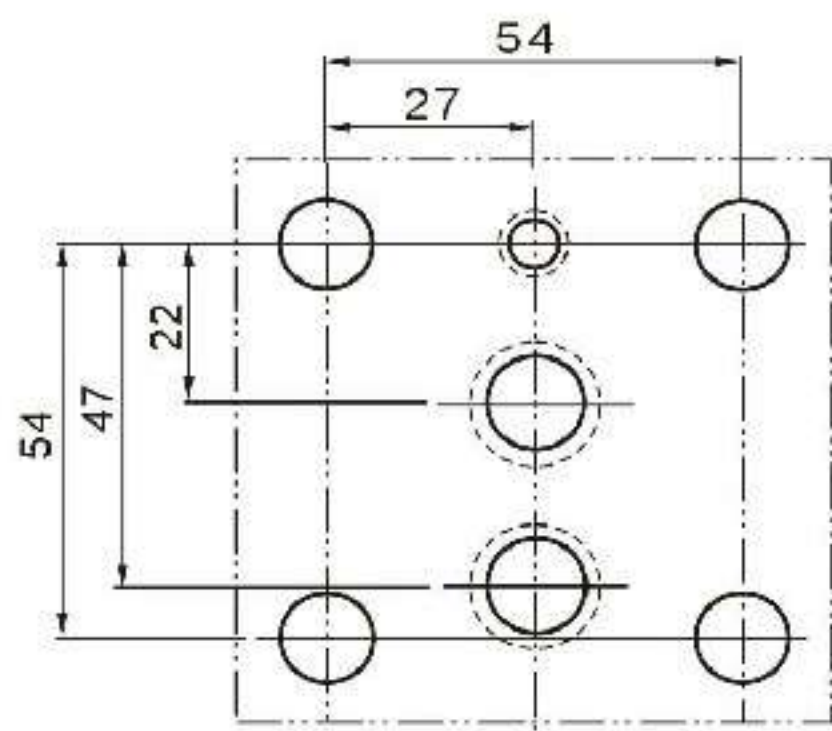
Symbol



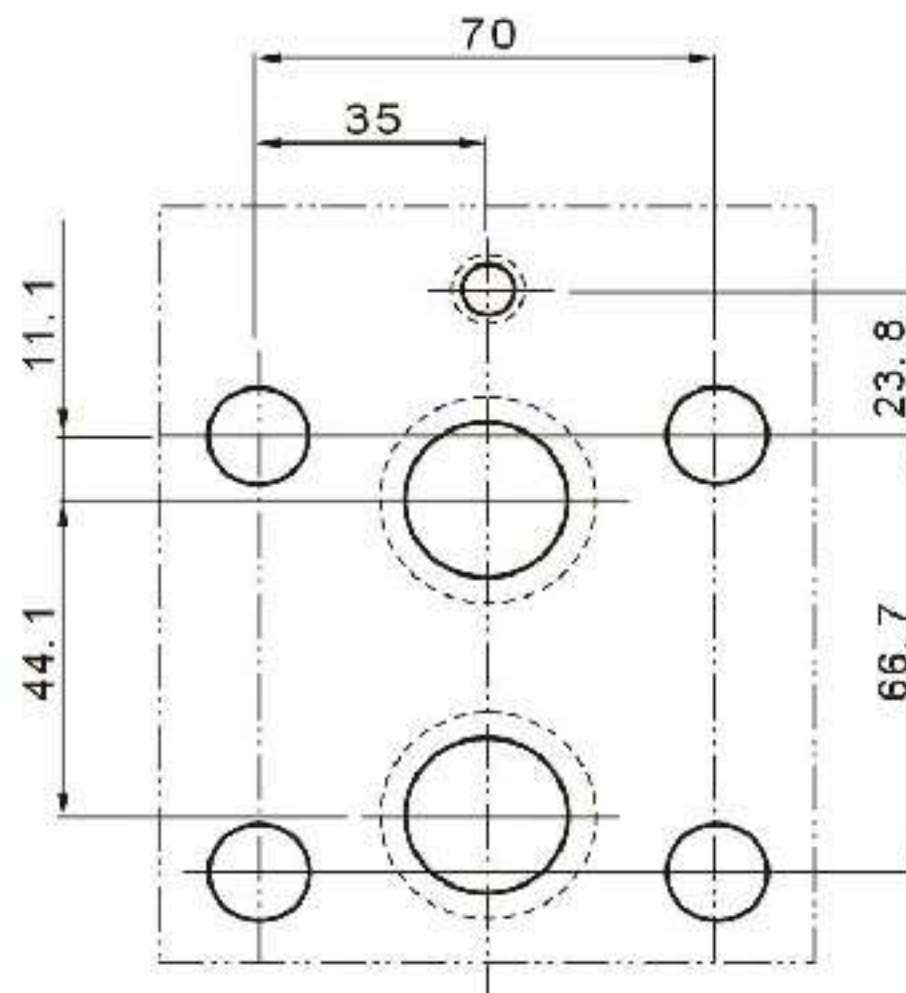
Mounting size

Unit: mm

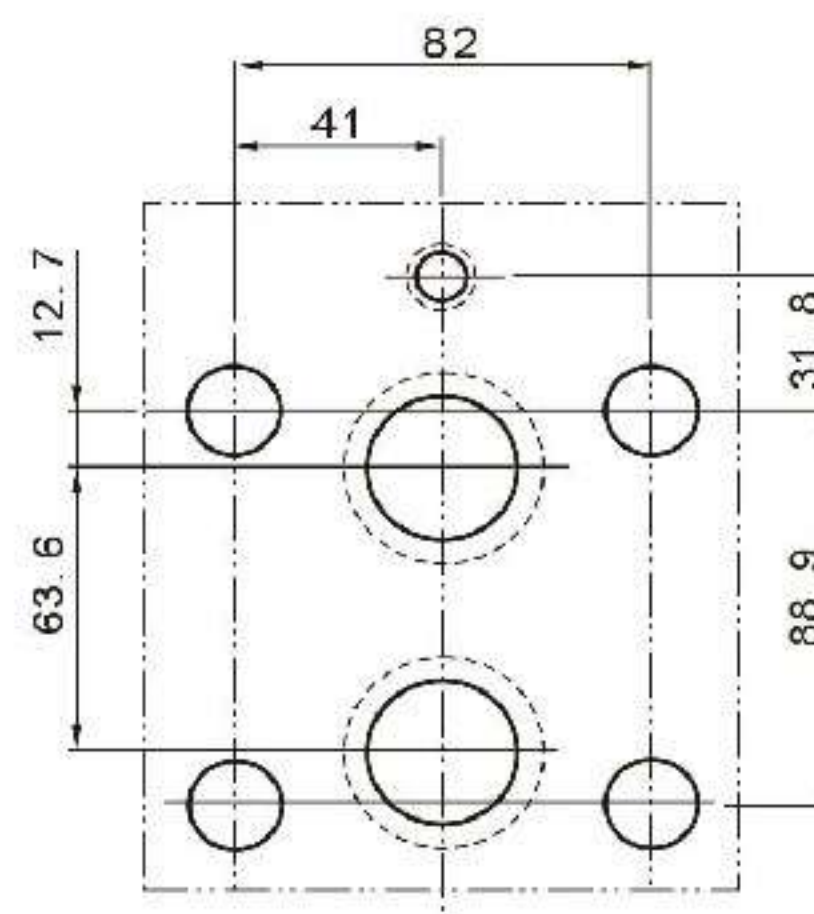
SRVG-03



SRVG-06



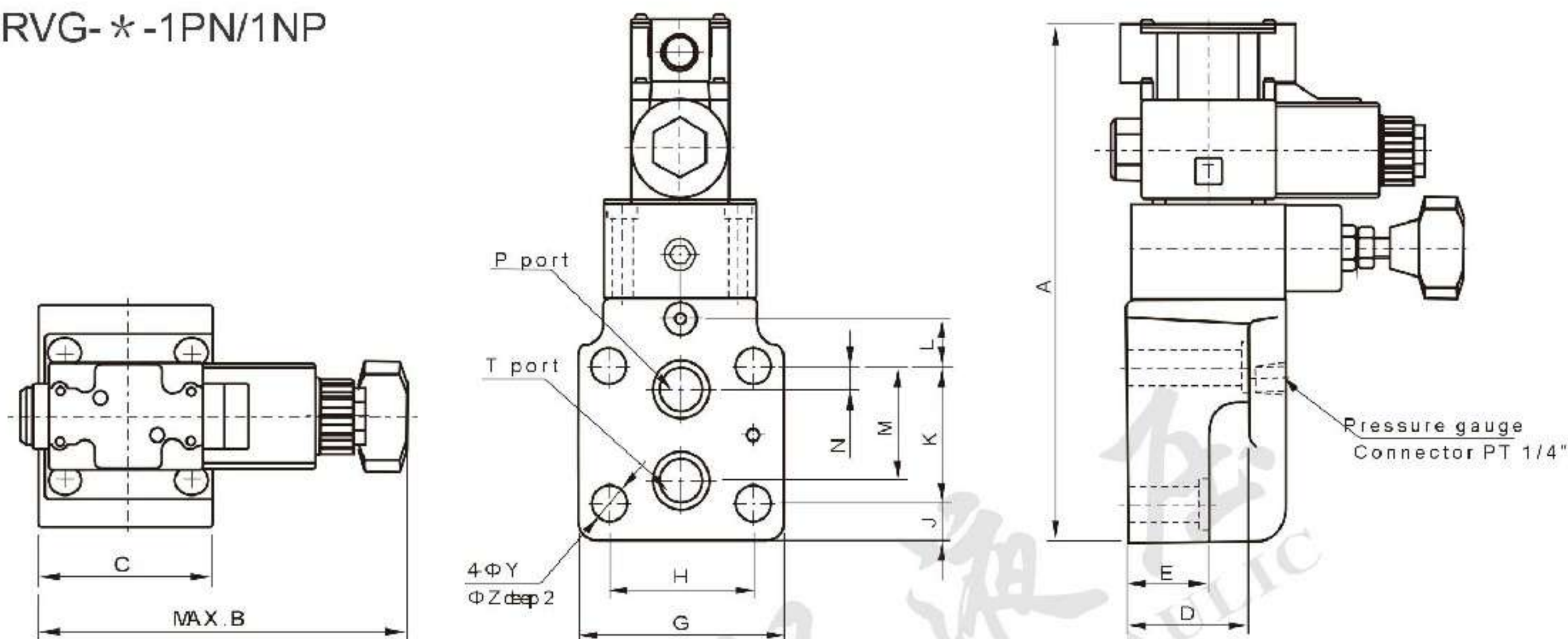
SRVG-10



Dimensions

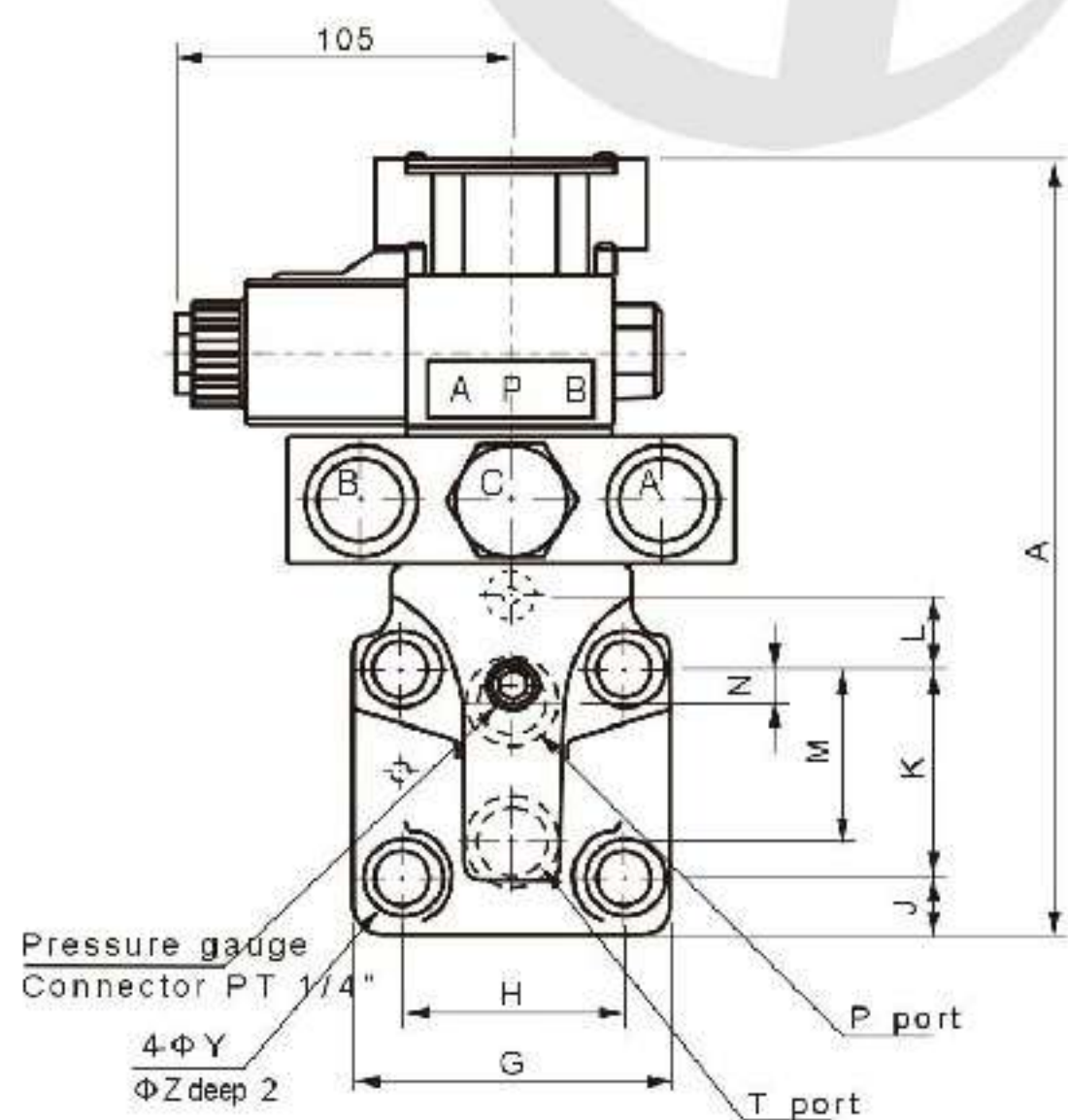
Unit: mm

SRVG-* -1PN/1NP



Model	A	B	C	D	E	G	H	J	K	L	M	N	Y	Z
SRV-G03-1PN/1NP-**	228.5	175	78	78	57	82	53.8	21.5	53.8	0	47.5	22	13.5	21
SRV-G06-1PN/1NP-**	254	175	78	60	40	102	70	19	66.7	23.8	55.5	11	17.5	26
SRV-G10-1PN/1NP-**	281	184	87.5	67	47	124	82.6	20	88.9	31.8	76.2	12.7	22	32

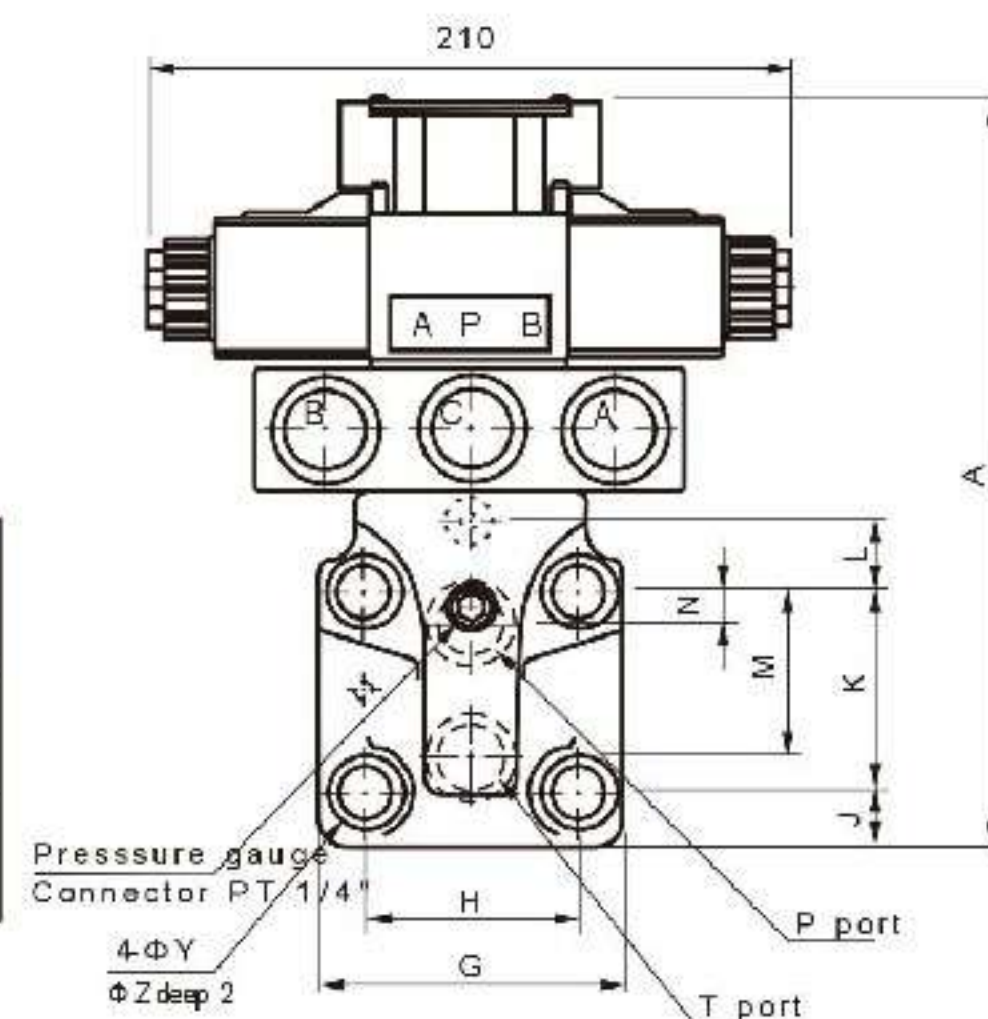
SRVG-06/10-2P



Model	A	G	H	J	K	L	M	N	Y	Z
SRV-G06-2P-**	244	104	70	16.9	66.7	23.8	55.5	11	17.5	26
SRV-G10-2P-**	281	124	82.6	18	88.9	31.8	76.2	12.7	21.5	32

Model	A	G	H	J	K	L	M	N	Y	Z
SRV-G06-2PN/3P- **	244	104	70	16.9	66.7	23.8	55.5	11	17.5	26
SRV-G10-2PN/3P- **	281	124	82.6	18	88.9	31.8	76.2	12.7	21.5	32

SRVG-06/10-2PN/3P



DG series remote control relief valves can be used to remote control pressure in hydraulic systems.



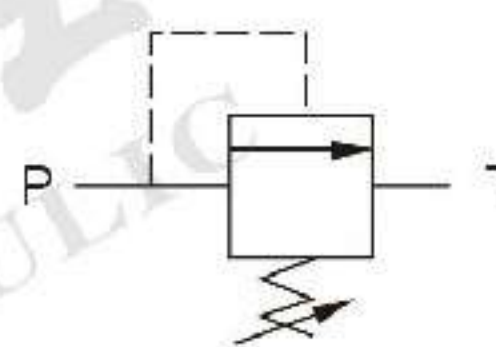
Ordering details

D	G	02	1	30
Sort	Mounting type	Nominal size	Pressure adjustment range	Design code
Remote control relief valve	G: Subplate mounting T: Thread mounting	01: NG3 02: NG6	1: 2~70bar 2: 35~140bar 3: 70~250bar	30

Technical specification

Model	DG-01	DG-02	DT-01	DT-02
Max. flow rate (l/min)	2	16	2	16
Working pressure (MPa)	25			
Weight(kgs)	1.4	1.5	1.6	1.5

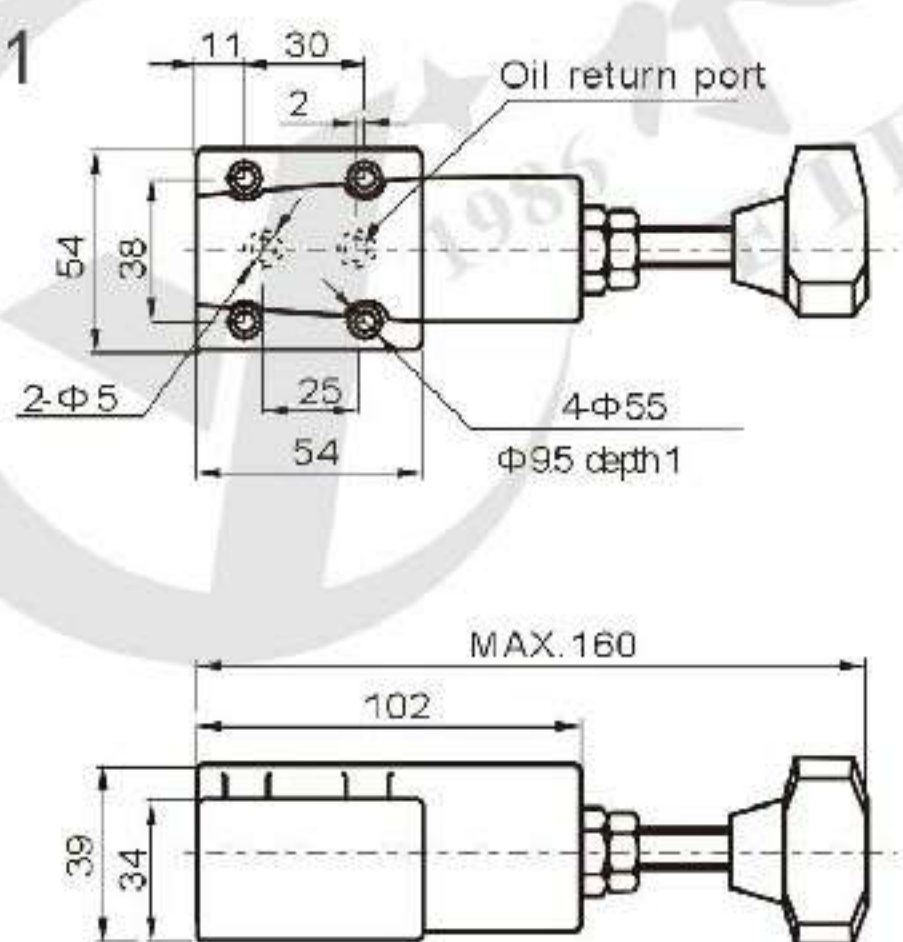
Symbol



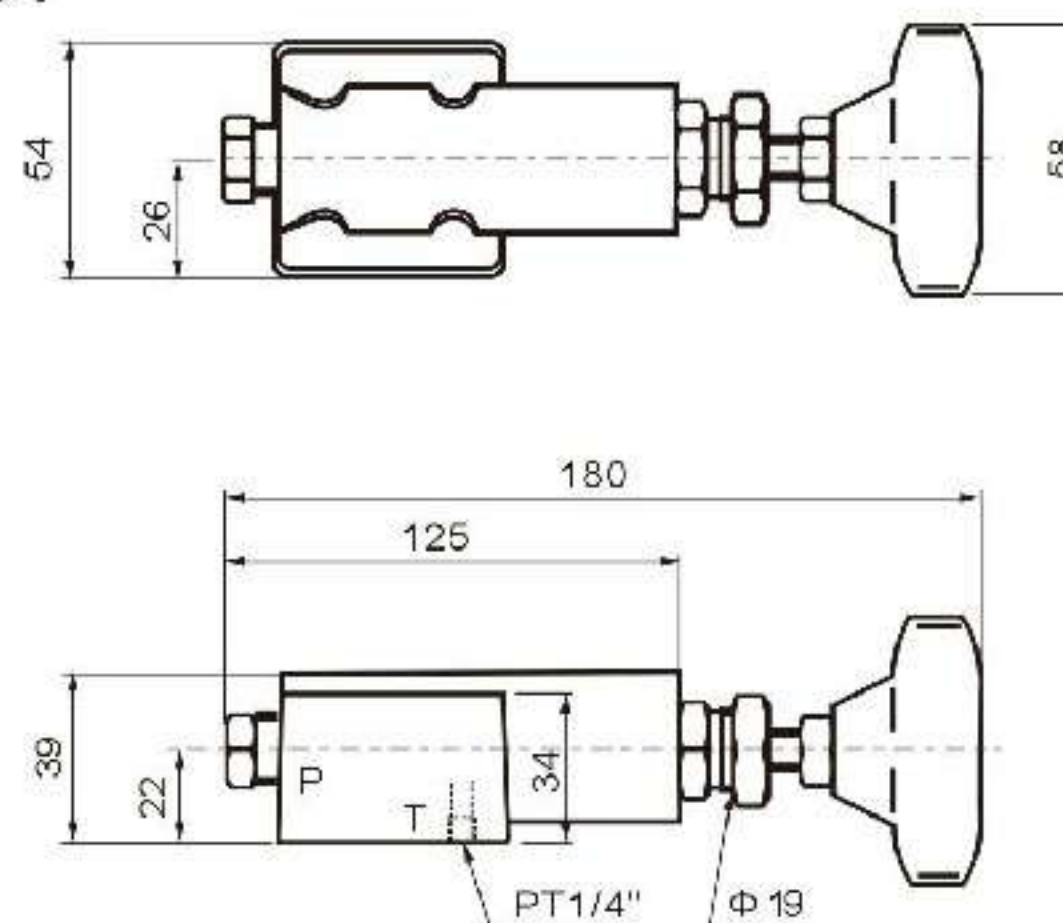
Dimensions

Unit: mm

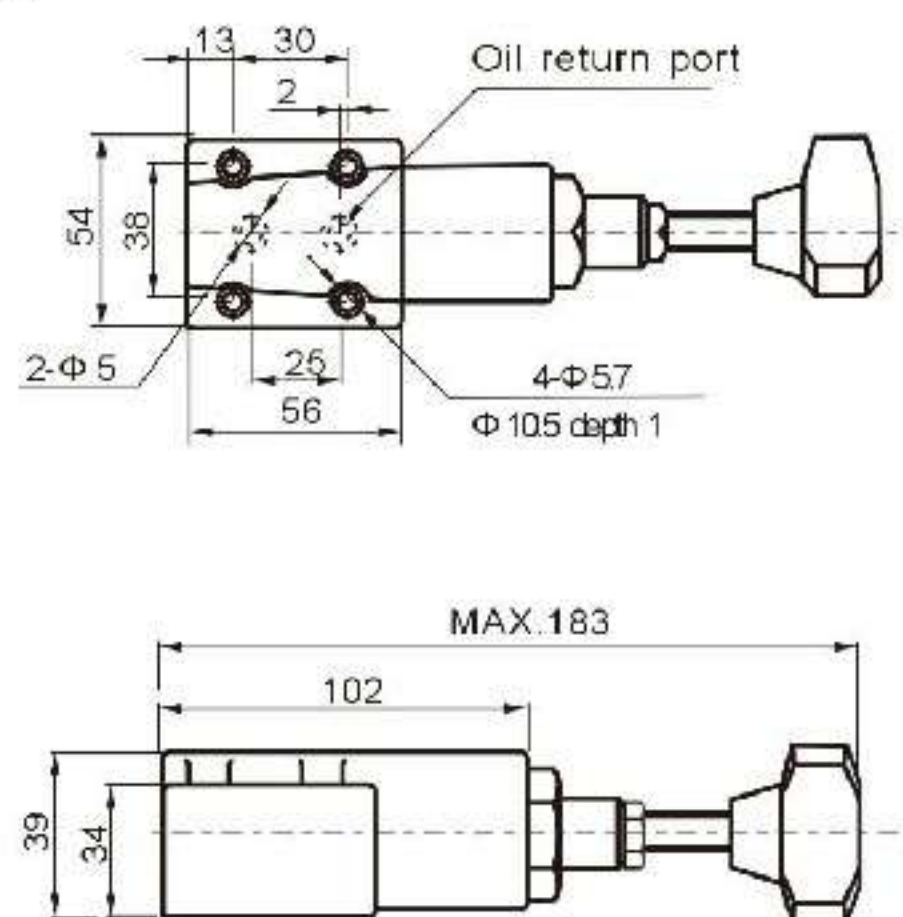
DG-01



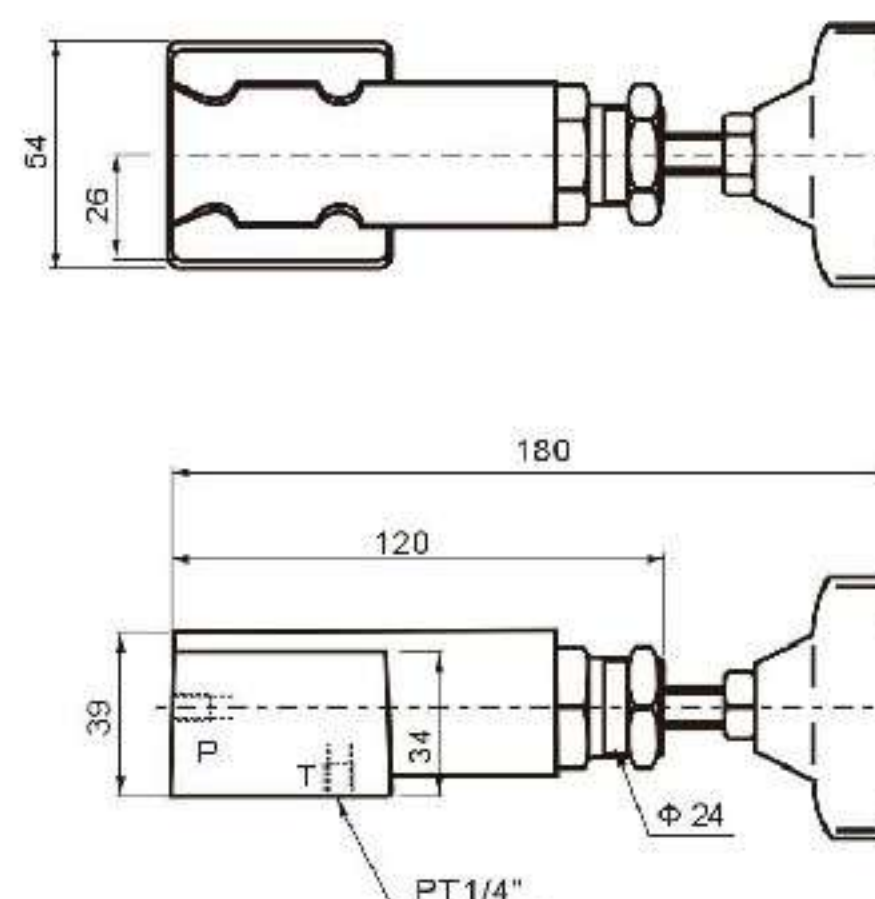
DT-01



DG-02



DT-02





DBD series direct relief valves are direct operated poppet type used to limit pressure in a hydraulic system. The design can be divided into poppet (Max.400bar) and ball (Max.630bar) type. There are 7 pressure adjustment ranges available 2.5; 5; 10; 20; 31.5; 40; 63 MPa. It has characteristics of compact structure, high performance, reliable work, low noise and long service life. These series are widely applied to many lower flow systems, can be also used as relief valve and remote control valve, etc.



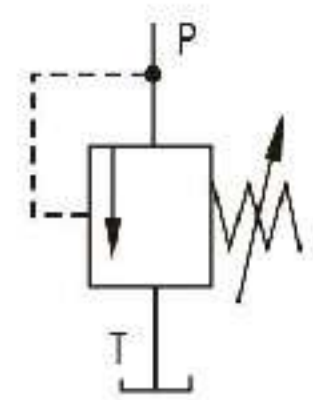
Ordering details

DBD	S	6			K	10	25	2	V	
Sort	Adjustment type	Nominal size			Mounting type	Series number	Pressure range	Thread type	Seals	
Direct operated relief valve	S:Adjustable screw with protective cap H:Handwheel A:Lockable handknob (only available for 6,8 and 10)	Mounting type	G	K	P	K:Cartridge mounting G:Thread mounting P:Subplate mounting	10:10series (pressure range 25~400bar) 11:11series (pressure range 630bar)	25:25bar 50:50bar 100:100bar 200:200bar 315:315bar 400:400bar 630:630bar	No code:Inch thread 2:Metric thread	No code: NBR seals for petroleum oils V: FPM seals for phosphate ester
		6=	NG6	NG6	NG6					
		8=	NG8	—	—					
		10=	NG10	NG10	NG10					
		15=	NG15	—	—					
		20=	NG20	NG20	NG20					
		25=	NG25	—	—					
		30=	NG30	NG30	NG30					

Technical specification

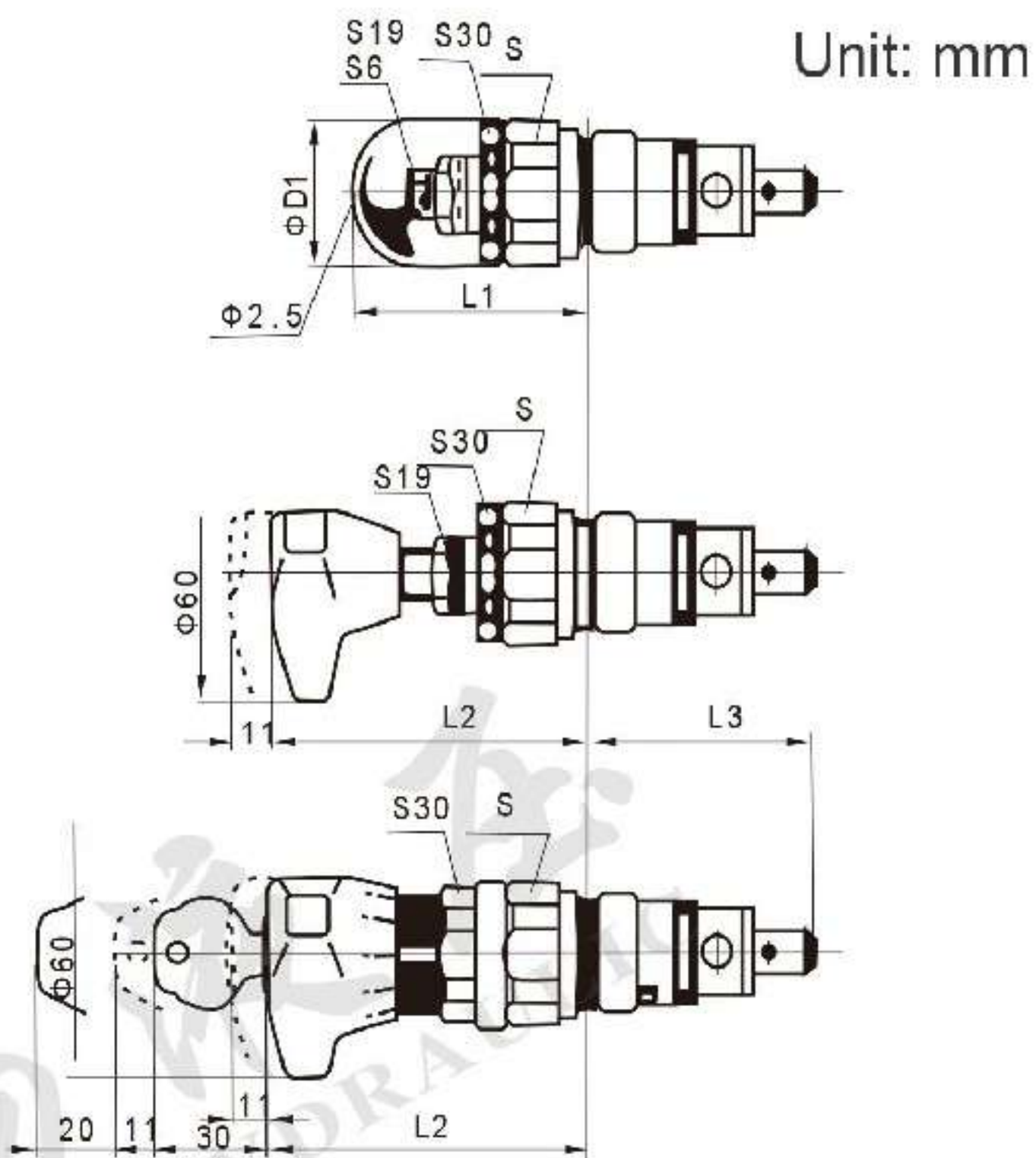
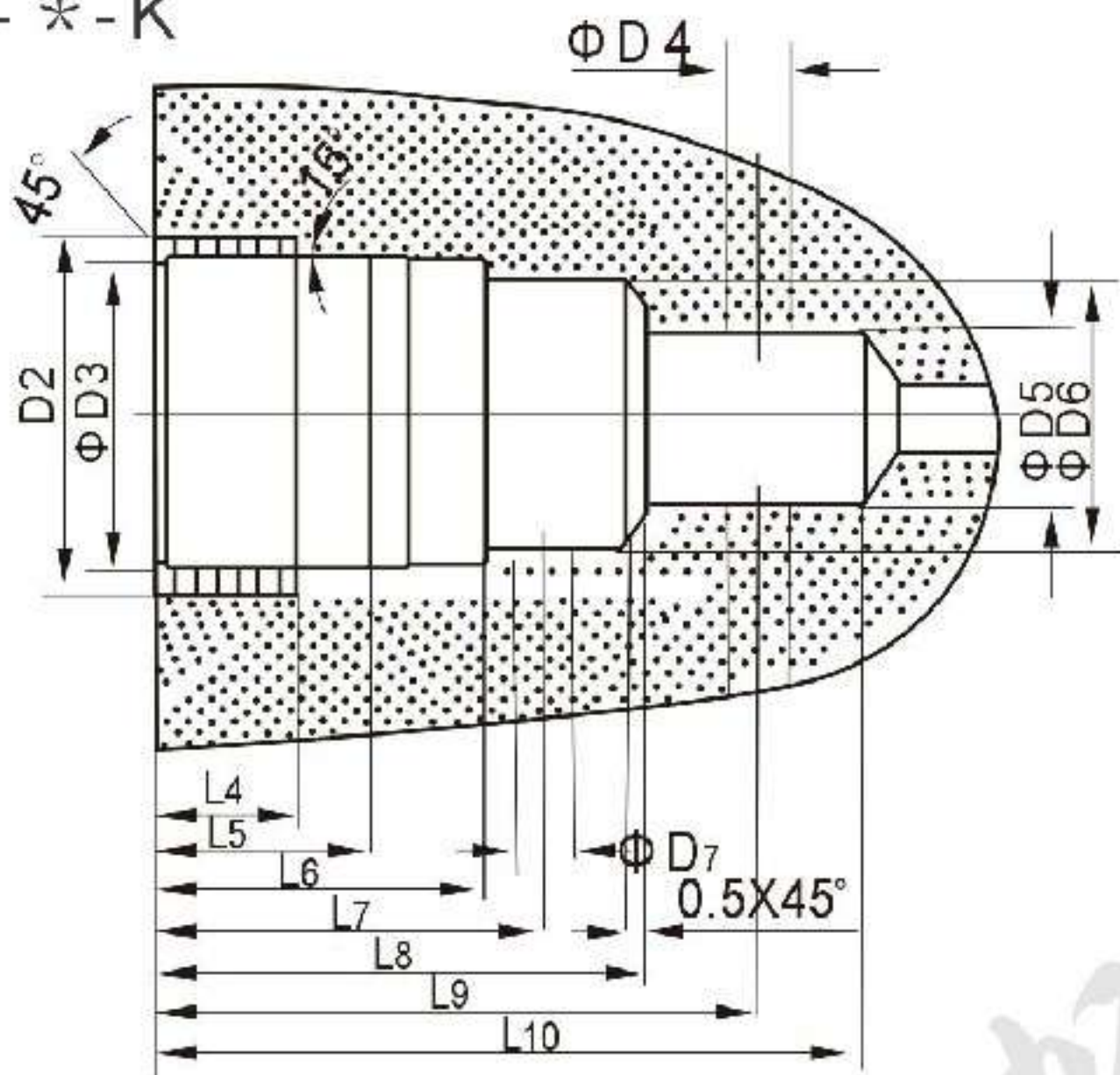
Model	DBD-* -6	DBD-* -8	DBD-* -10	DBD-* -15	DBD-* -20	DBD-* -25	DBD-* -30	
Max.flow rate (l/min)	35	60	80	150	200	250	300	
Working pressure (MPa)	31.5							
Weight (kgs)	K	0.4	—	0.5	—	1	—	2.2
	G, P	1.5	3.7	3.7	6.4	6.4	13.9	13.9

Symbol



Dimensions

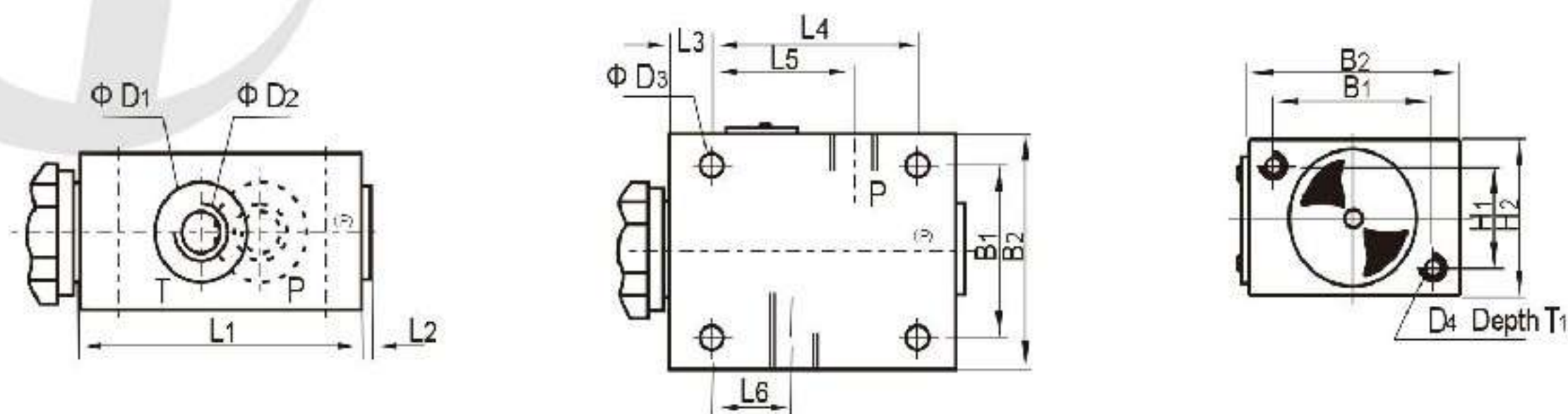
DBD- *-K



Unit: mm

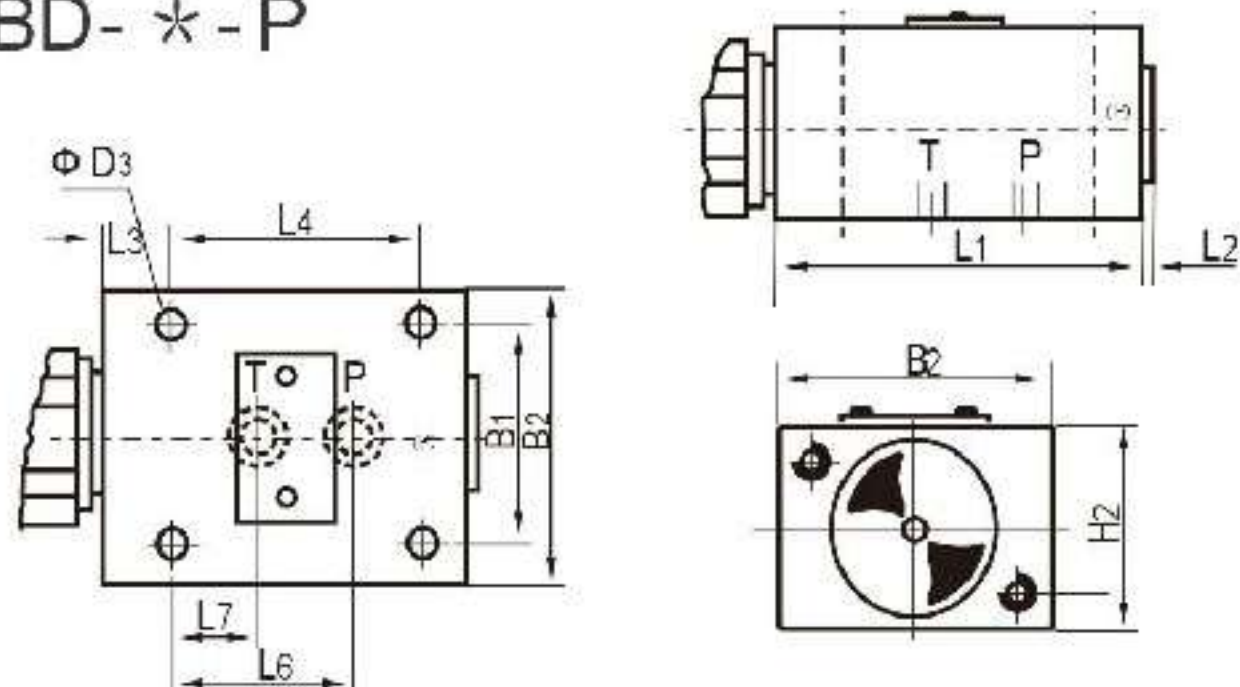
Size (mm)	ΦD1	D2	ΦD3H9	ΦD4	ΦD5	ΦD6H9	ΦD7	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	S
6	34	M28X1.5	25	6	15	24.9	6	72	83	64.5	15	19	30	35	45	56.55 ± .5	65	32
10	38	M35X1.5	32	10	18.5	31.9	10	68	79	75	18	23	35	41	52	67.57 ± .5	80	36
20	48	M45X1.5	40	20	24	39.9	20	65	77	106	21	27	45	54	70	91.58 ± .5	110	46
30	63	M60X2	55	30	38.75	54.9	30	83	-	131	23	29	45	60	84	113.51 ± 1.5	140	60

DBD- *-G



Size	B1	B2	ΦD1	D2		ΦD3	D4	H1	H2	L1	L2	L3	L4	L5	L6	T1
				M	BSP											
6	45	60	25	M14X1.5	G1/4"	6.6	M6	25	40	80	4	15	55	40	20	10
(8)10	60	80	(28)34	(M18X1.5)M22X1.5	(G3/8")G1/2"	9	M8	40	60	100	4	20	70	49	21	20
(15)20	70	100	(42)47	(M27X2)M33X2	(G3/4")G1"			50	70	135	(4)5.5		100	65	34	
(25)30	100	130	(56)61	(M42X2)M48X2	(G1 1/4")G1 1/2"	11	M10	60	90	180	5.5	25	130	85	35	25

DBD- *-P



Size	L7	L8	Subplate	Mounting screw
6	20	40	G300/1	M6X50-10.9
10	21	45	G302/1	M8X70-10.9
20	34	65	G304/1	M8X90-10.9
30	35	85	G306/1	M10X110-10.9

H(C)G series sequence counter balance unloading valves can be used as sequence valve, counter balance valve or unloading valve by different assembly. C type is with a check valve.



Technical specification

Model	HG-03	HCG-03	HG-06	HCG-06
Max. flow rate (l/min)	50		125	
Working pressure (MPa)	25			
Weight(kgs)	4	4.8	6.1	7.4

Ordering details

H	C	G	03	B	4
Sort	With check valve	Mounting type	Nominal size	Pressure adjustment range	Oil control
Sequence counter balance unloading valves	No code: Without check valve C: With check valve	Subplate mounting	03:NG10 06:NG20	A: 1.8~3.5MPa B: 3.5~7MPa C: 7~14MPa H: 7~21MPa	1: Internal control internal drain 2: Internal control external drain 3: External control external drain 4: External control internal drain

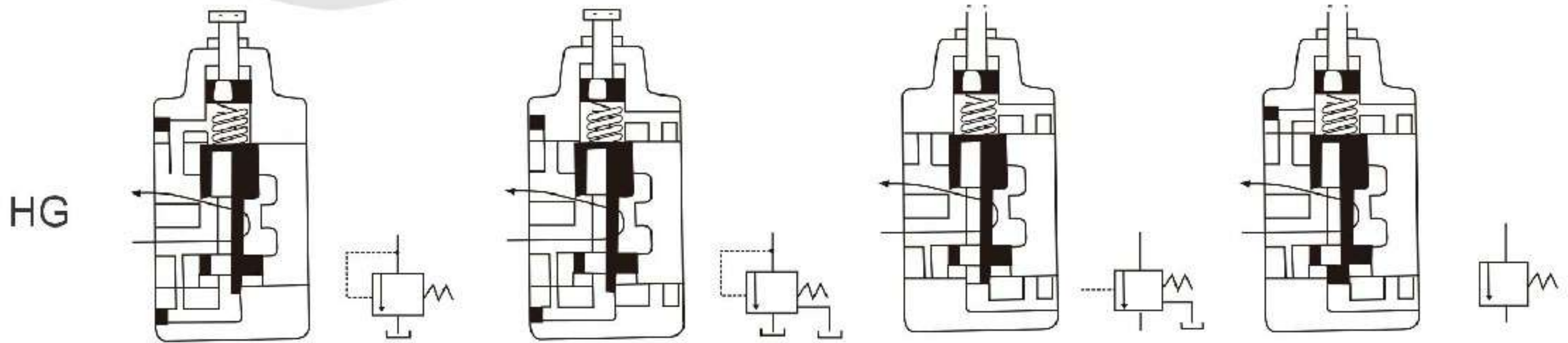
Symbol list

1: Internal control internal drain

2: Internal control external drain

3: External control external drain

4: External control internal drain

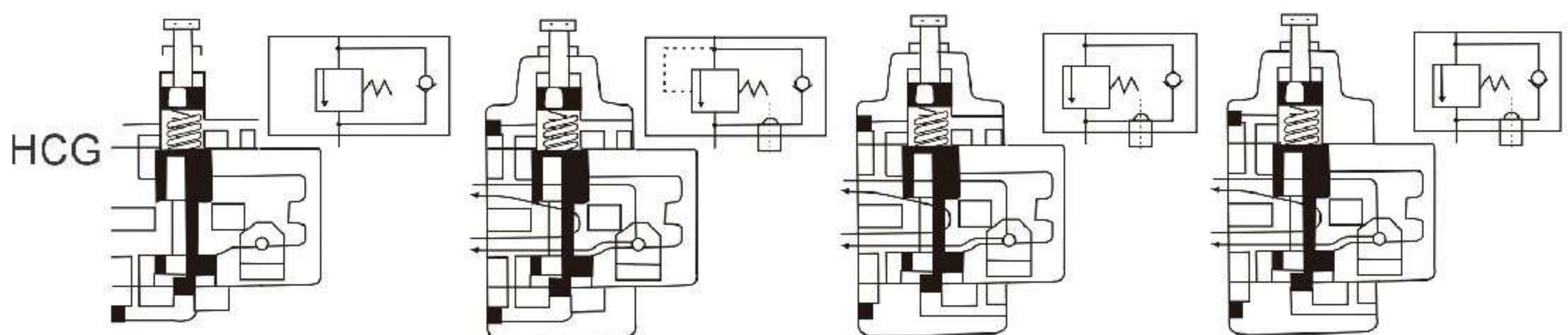


1: Internal control internal drain

2: Internal control external drain

3: External control external drain

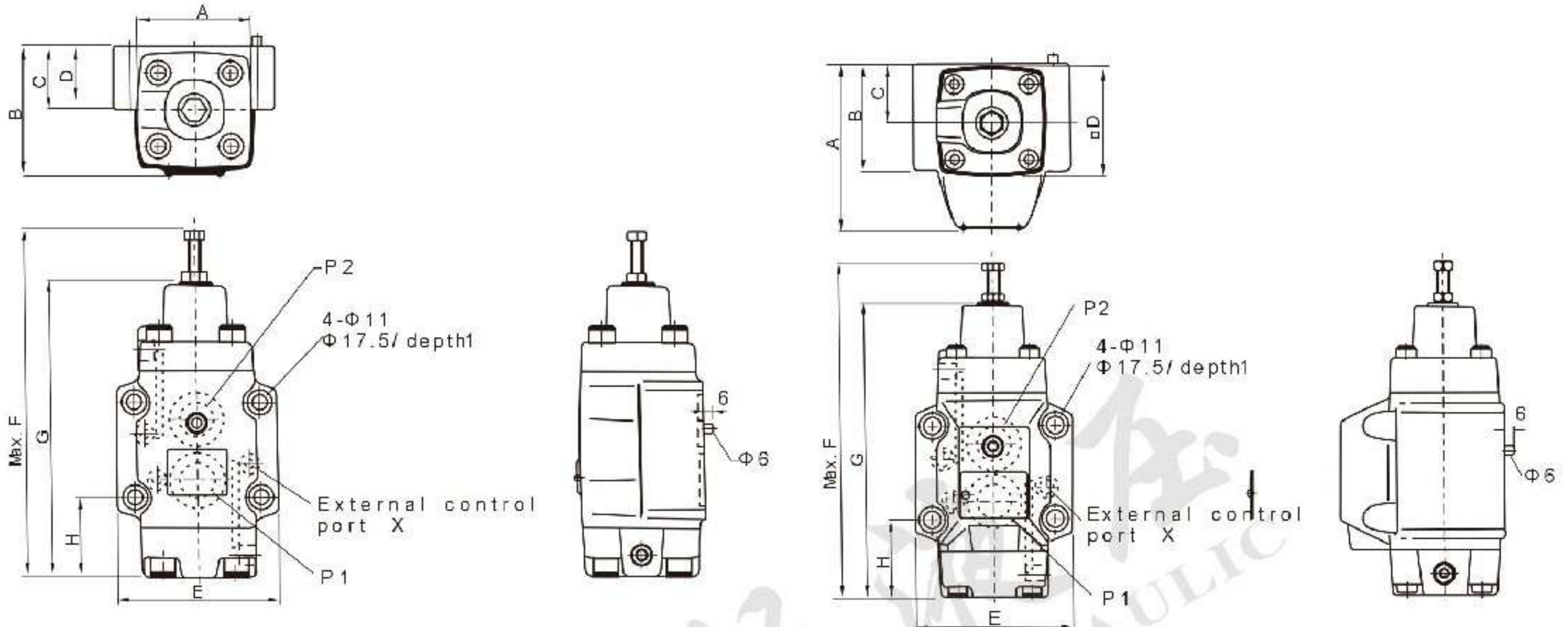
4: External control internal drain



Unit: mm

Dimensions

H(C)G-03/06

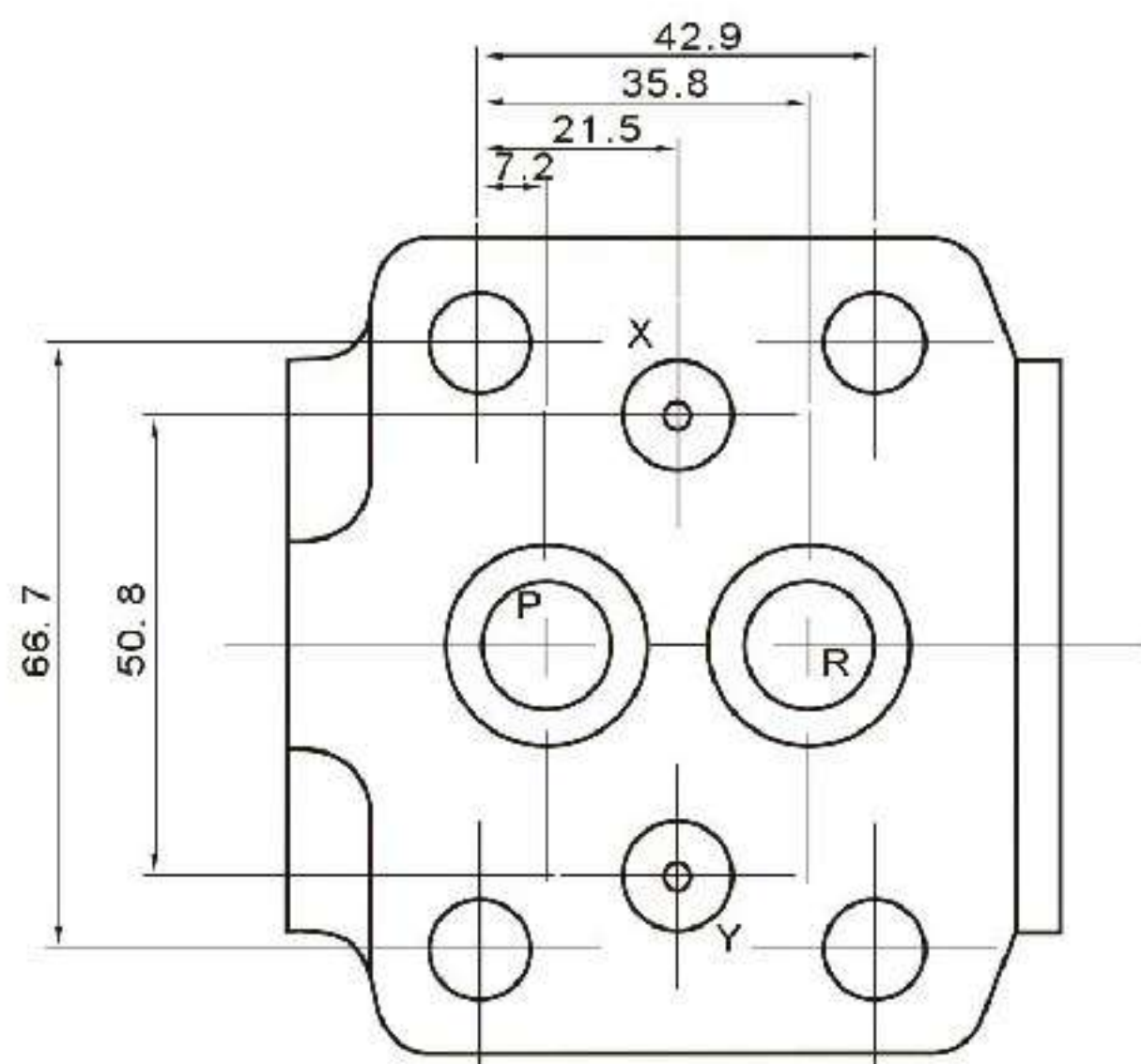


Model	A	B	C	D	E	F	G	H
HG-03	60	67	35	39	89	191	163	49.6
HG-06	73	79	40	39	102	221	188	51
HCG-03	90	59	35	60	89	191	163	49.6
HCG-06	108	69	40	73	102	221	188	51

Mounting size

Unit: mm

H(C)G-03



H(C)G-06

