

- 低噪音特性，操作穩定性高。
- 保護泵和控制閥以免超壓，並使液壓系統維持恆定壓力。
- 利用卸油口實現遠程控制和卸載應用。
- Low noise and high operation stability.
- It protects the pump and control valve avoiding the pressure beyond, and makes hydraulic system to keep the invariable pressure.
- It uses the drain port to apply for remote control and unloading



DB-03. 06

DB-10. 20. 30

型號意義 How to order :

DB - 06 - H

1 2 3

1 系列號

Series

2 口徑代號

Valve size 10:3/8", 20:3/4", 30:1-1/4"

3 壓力調整範圍

Pressure adjusting range

產品規格 Specification :

名稱 Name	口徑 Valve Size	型號 Model	壓力調整範圍 Pessure Adj. Range (Kgf/cm ²)	最大流量 Max. Flow (ℓ/min)	最高使用壓力 MAX. Operating Pressure (Kg)	重量 Weight (Kg)
引導式動作型溢流閥 Pilot operated relief valve	3/8	DB-03-※	B: 7~70	100	320	3.1
	3/4	DB-06-※	C: 7~140	200		3.3
	3/8	DB-10-※	H: 7~210	100		3.1
	3/4	DB-20-※	2H: 140~315	200		4.4
	1-1/4	DB-30-※		400		6.5

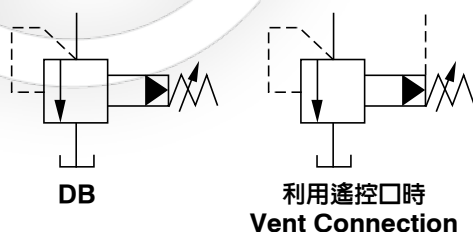
※ 重量為不含電磁閥之淨重。

※ The weight excludes the N. W. of solenoid valve.

附件 Attachment :

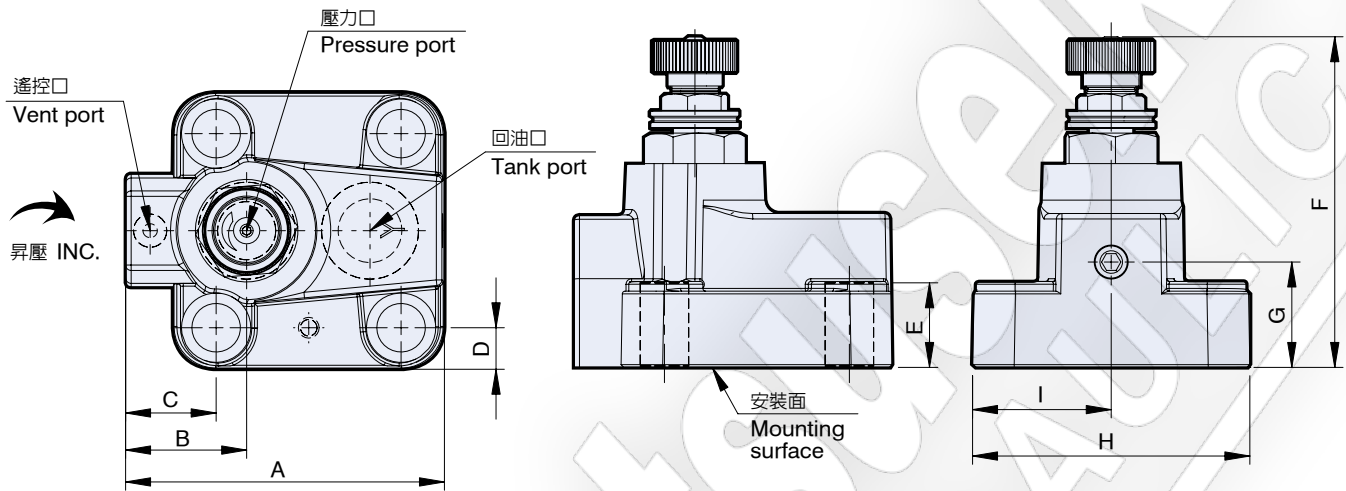
型號 Model	安裝螺絲 Mounting bolts		O 型環 O-Ring			
DB-03	M12 x 40L	4 支 piece	JIS B 2401-1B-P9	1 條 piece	JIS B 2401-1B-P20	2 條 piece
DB-06	M16 x 45L	4 支 piece	JIS B 2401-1B-P9	1 條 piece	JIS B 2401-1B-P29	2 條 piece
DB-10	M12 x 40L	4 支 piece	JIS B 2401-1B-P9	1 條 piece	JIS B 2401-1B-P18	2 條 piece
DB-20	M16 x 45L	4 支 piece	JIS B 2401-1B-P9	1 條 piece	JIS B 2401-1B-P29	2 條 piece
DB-30	M20 x 55L	4 支 piece	JIS B 2401-1B-P9	1 條 piece	JIS B 2401-1B-P36	2 條 piece

圖形符號 Graphic symbol :



壓力控制閥 (引導式動作型溢流閥) PRESSURE CONTROL VALVE (Pilot operated relief valve)

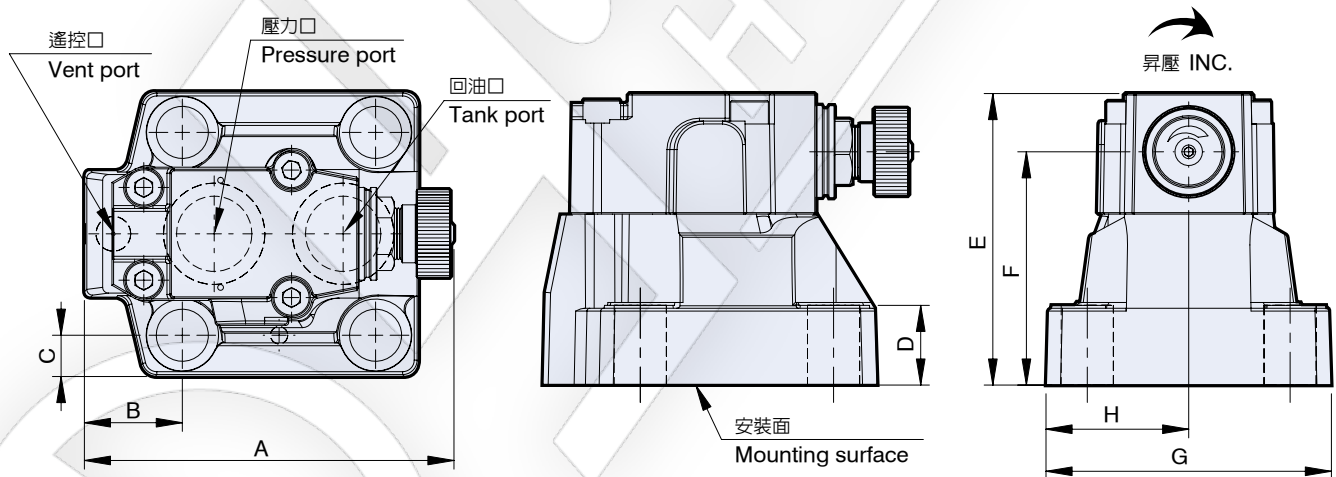
DB-03.06



單位 Unit : mm

型 號 Model	A	B	C	D	E	F	G	H	I			
DB-03	97	45	23	15.1	32	119.2	42	84	42			
DB-06	115	43.7	32.65	15	30.5	118.2	38	100	50			

DB-10.20.30

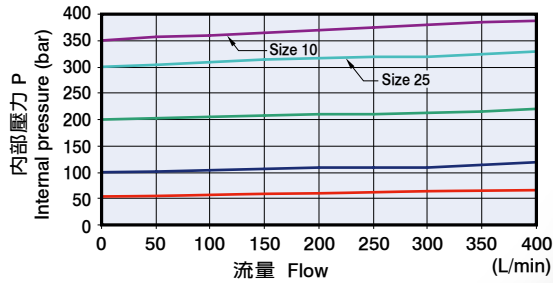


單位 Unit : mm

型 號 Model	A	B	C	D	E	F	G	H				
DB-10	120	27.2	12.1	27	103.6	83.5	78	39				
DB-20	126.5	33.8	14.25	27.5	100.6	80.5	98.5	49.25				
DB-30	150	42	15.9	29	103.6	83.5	114.5	57.25				

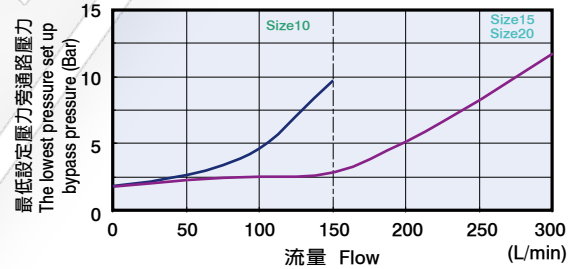
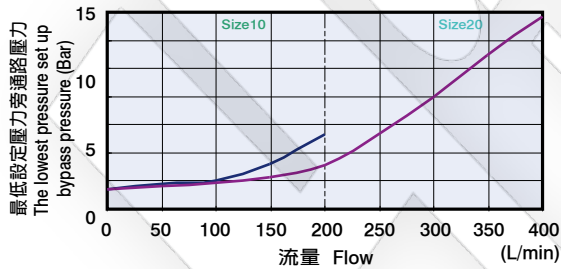
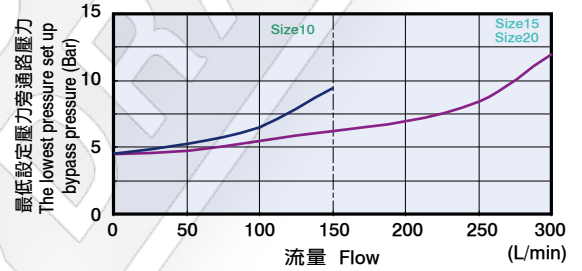
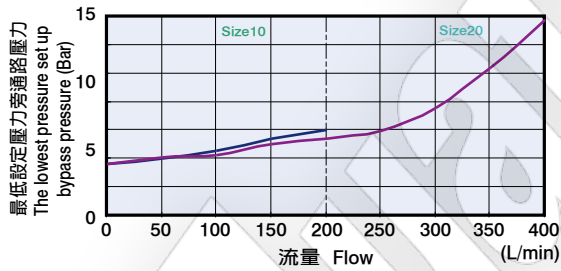
性能曲線圖 Performance curves

■ 流量-壓力特性曲線圖 The characteristic curve chart of Flow vs. Pressure.

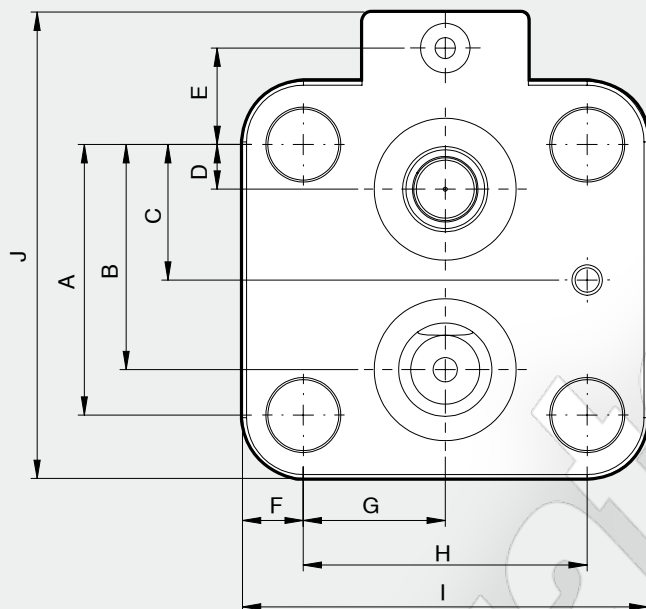


■ 最低設定壓力與旁通路壓力隨流量變化

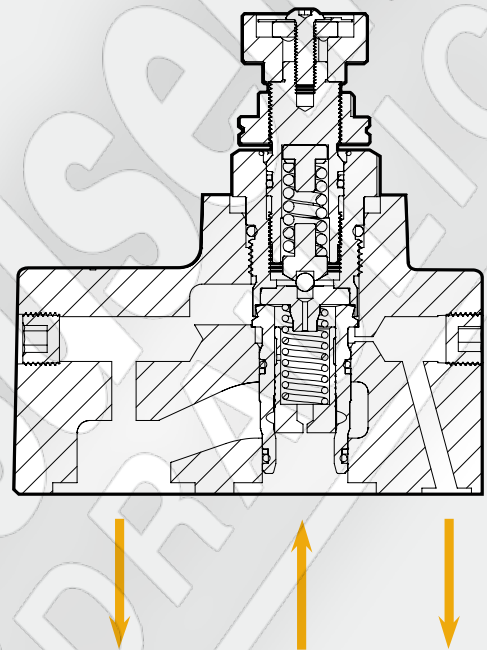
The minimum set pressure and pressure in bypass will be changed by different flow.



底版尺寸圖 Bottom plate dimensions



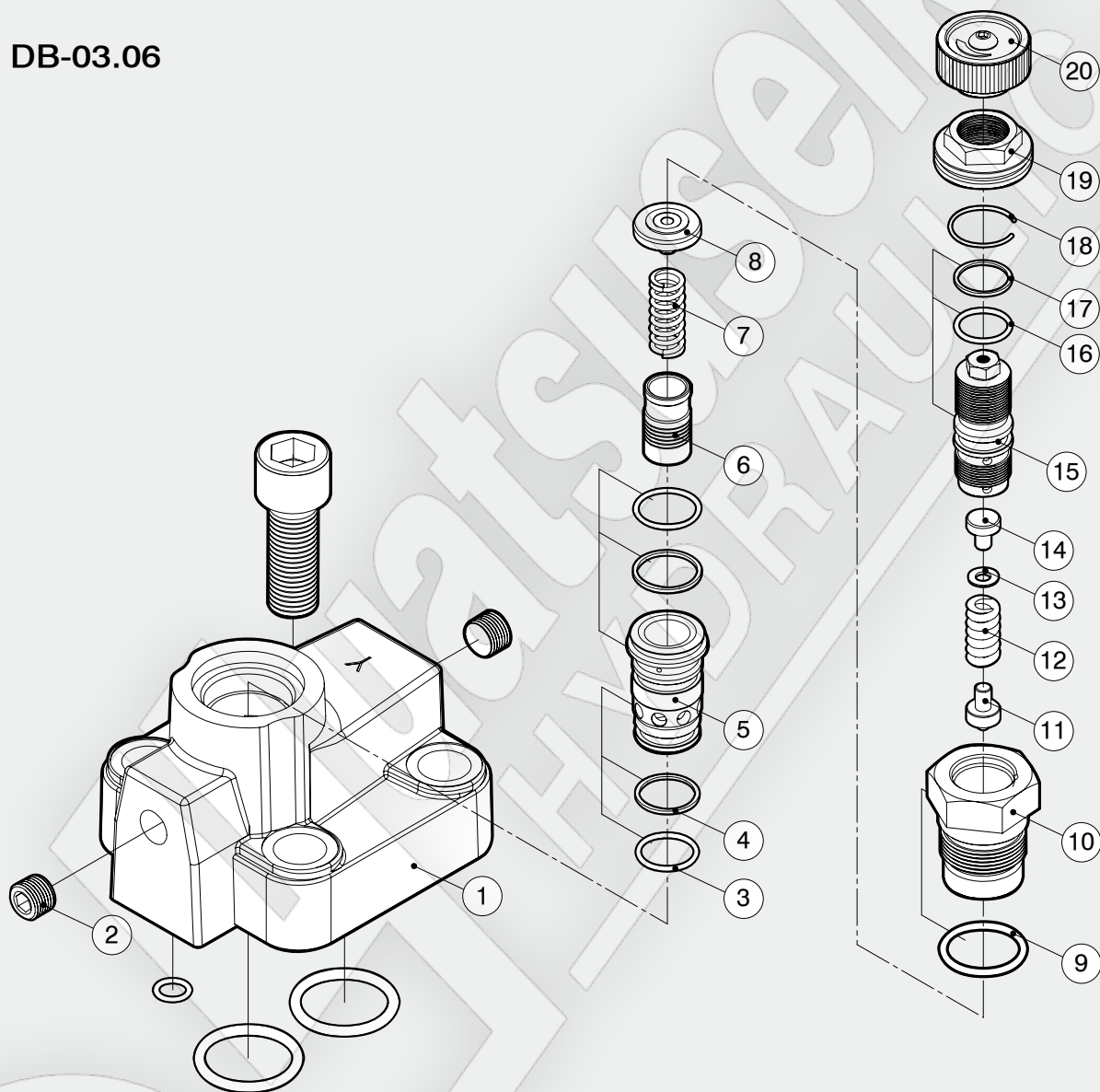
單位 Unit : mm



型 號 Model	A	B	C	D	E	F	G	H	I	J		
DB-03	53.8	47.4	22	22	0	15.1	26.9	53.8	84	97		
DB-06	66.7	55.5	33.4	11	23.8	15	35	70	100	115		
DB-10	53.8	47.4	22	22	0	12.1	26.9	53.8	78	91		
DB-20	66.7	55.5	33.4	11	23.8	14.25	35	70	98.5	115.5		
DB-30	90	76.2	44.5	12.7	31.8	15.9	41.35	82.7	114.5	150		

爆炸圖 How to order for a complete assembled valve

DB-03.06

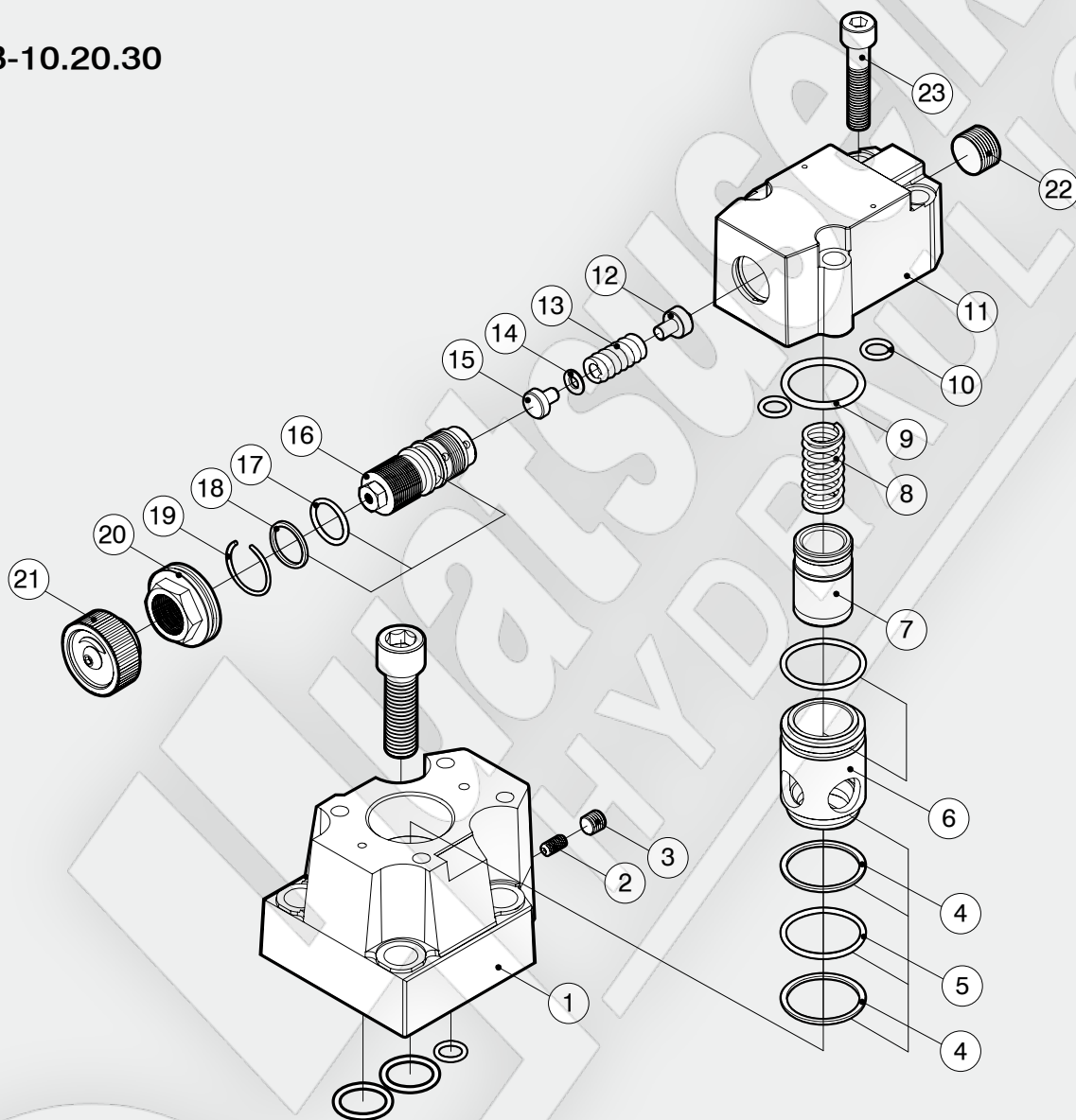


項次編號 No.	品名 Name of parts	數量 Q
1	本體 Body	1
2	PT 1/4	1
3	DB-03 8-016	2
	DB-06 8-017	2
4	DB-03 2-016	2
	DB-06 2-017	2
5	槍子閥座 Check valve seat	1
6	槍子閥 Check valve	1
7	彈簧 Spring	1
8	球閥座 Check valve seat	1
9	2-119	1

項次編號 No.	品名 Name of parts	數量 Q
10	螺母 Nut	1
11	頂桿 Mandrel	1
12	彈簧 Spring	2
13	墊片 Washer	1
14	彈簧固定墊圈 Spring retainer	1
15	調整螺桿 Adj. screw	1
16	2-016	1
17	8-016	1
18	扣簧 Retainer	1
19	固定螺帽 Nut	1
20	壓力調整螺母 Pressure adj. nut	1

爆炸圖 How to order for a complete assembled valve

DB-10.20.30



項次編號 No.	品名 Name of parts	數量 Q
1	本體 Body	1
2	M5 x 08L 通孔螺絲 Through hole screw	1
3	PT 1/16	1
4	DB-10	1
	DB-20	1
	DB-30	2
5	SM-29	2
6	槍子閥座 Check valve seat	1
7	槍子閥 Check valve	1
8	彈簧 Spring	1
9	2-121	1
10	JIS B 2401-1B-P9	1
11	閥蓋 Cover	1

項次編號 No.	品名 Name of parts	數量 Q
12	頂桿 Mandrel	1
13	彈簧 Spring	1
14	墊片 Washer	1
15	彈簧固定墊圈 Spring retainer	1
16	調整螺桿 Adj. screw	1
17	2-016	1
18	8-016	1
19	扣簧 Retainer	1
20	固定螺帽 Nut	1
21	調整壓力螺母 Pressure adj. nut	1
22	PT 3/8	1
23	M8 x 40L	4