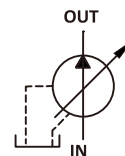
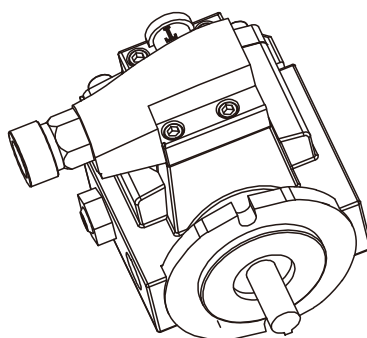


KPV-8
KPV-12
KPV-16
KPV-20
KPV-23



SYMBOL

Features 特點

- ❖ 壓力板作耐磨,耐疲勞及抗污處理,大幅提高耐磨,耐疲勞及高抗污性能。
- ❖ 固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高。
- ❖ 作衝擊壓消除補償設計,脈動衝擊小。
- ❖ 噪音低,高效率,高性能。
- ❖ 軸環材質採用特殊合金鋼,壽命長。
- ❖ 採用SAE規格安裝,符合國際通用規格。

Model	Pump Capacity (cm ³ /rev)	Operating Pressure Mpa (Kgf/cm ²)	Max Pressure Mpa (Kgf/cm ²)	No-load Discharge Rate (L/min)		Weight (Kg)
				50Hz	60Hz	
KPV- 8	8	1.5~25 (15.3~255)	25 (255)	12	14.4	16
KPV-12	12			18	21.6	
KPV-16	16			24	28.8	
KPV-20	20			30	36.0	
KPV-23	23			34.5	41.4	

Ordering Code 訂購指引

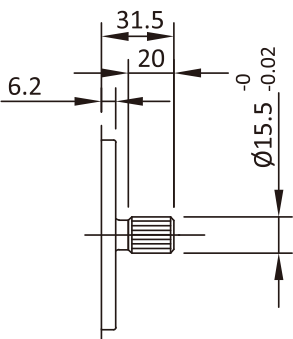
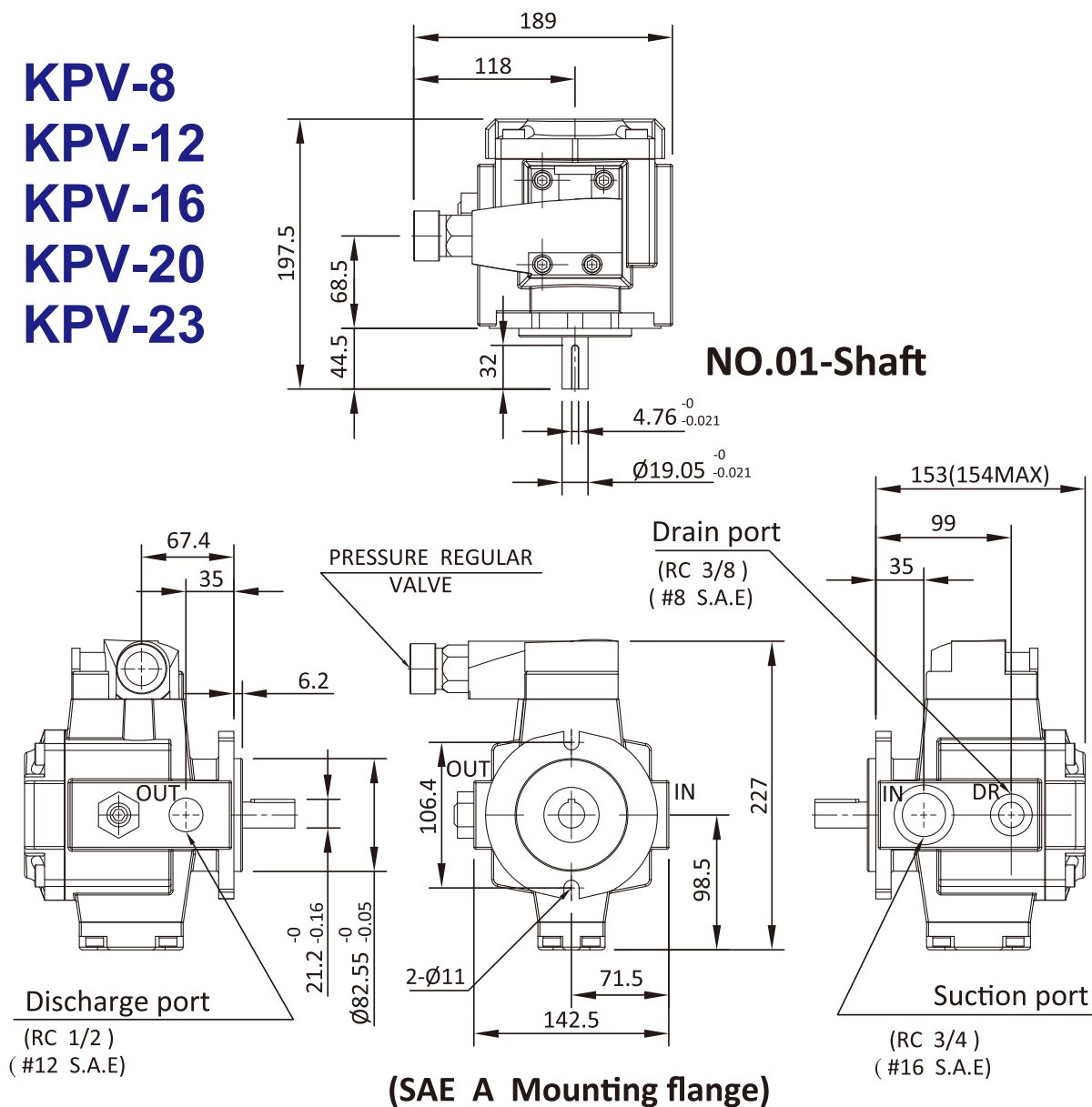
KPV - 16 - F - 1 - A 12 - 01 - 01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

- ① **KPV 型號：高壓變量葉片泵**
- ② **流量 (cm³/rev)：8, 12, 16, 20, 23**
- ③ **F：單座壓力閥**
- ④ **壓力級數**
 - 1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)
 - 2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)
 - 3：2.5~25 Mpa (25.5~255.0 Kgf/cm²)
- ⑤ **A：SAE-A 規格，Ø82.55 安裝**

- ⑥ **轉速**
 - 12：1200 rpm
 - 15：1500 rpm
 - 18：1800 rpm
- ⑦ **轉軸**
 - 01：Ø19.05 (長鍵)
 - 02：SAE-A - 9 Tooth Splined 16/32 dp
- ⑧ **管口牙規格**
 - 01：S=RC ¾，P=RC ½，DR=RC ⅜
 - 02：S=#16 SAE, P=#12 SAE, DR=#8 SAE

KPV-8
KPV-12
KPV-16
KPV-20
KPV-23



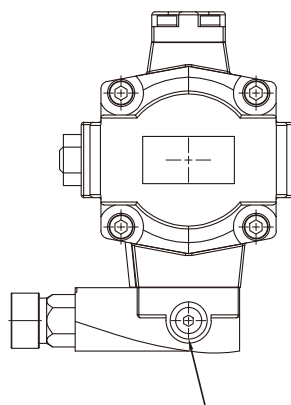
Diametral Pitch : 16/32

Pressure Angle : 30°

No. of Teeth : 9

Available on "A" Cover only

NO.02-Shaft



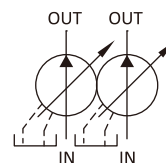
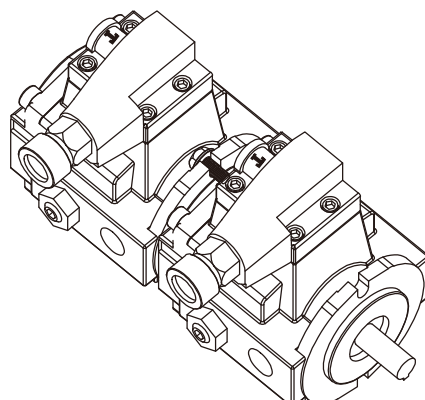
*Shock Clipper port
Should be plumbed
to tank to activate
shock clipper

Shock Clipper port

(RC 1/4) , (#6 S.A.E)

* (須接獨立油管回油箱)

KPVV-8. *
KPVV-12. *
KPVV-16. *
KPVV-20. *
KPVV-23. *



SYMBOL

Features 特點

- ❖ 壓力板作耐磨,耐疲勞及抗污處理,大幅提高耐磨,耐疲勞及高抗污性能。
- ❖ 固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高。
- ❖ 作衝擊壓消除補償設計,脈動衝擊小。
- ❖ 噪音低,高效率,高性能。
- ❖ 軸環材質採用特殊合金鋼,壽命長。
- ❖ 採用SAE規格安裝,符合國際通用規格。

Model	Pump Capacity (cm ³ /rev)		Operating Pressure Mpa (Kgf/cm ²)		Weight (Kg)
	P1	P2	P1	P2	
KPVV- * *	8, 12, 16 20, 23	8, 12, 16 20, 23	1.5~25 (15.3~255)	1.5~25 (15.3~255)	32

Ordering Code 訂購指引

KPVV - 16 - 16 - F - 2 - 2 - A 12 - 01 - 01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- | | |
|---|--|
| <p>① KPVV 型號：高壓雙聯變量葉片泵</p> <p>② 流量 (cm³/rev)：8, 12, 16, 20, 23</p> <p>③ 流量 (cm³/rev)：8, 12, 16, 20, 23</p> <p>④ F：單座壓力閥</p> <p>⑤ P1 壓力級數</p> <p>1： 1.5~14 Mpa (15.3~142.8 Kgf/cm²)</p> <p>2： 2.0~21 Mpa (20.4~214.2 Kgf/cm²)</p> <p>3： 2.5~25 Mpa (25.5~255.0 Kgf/cm²)</p> <p>⑥ P2 壓力級數</p> <p>1： 1.5~14 Mpa (15.3~142.8 Kgf/cm²)</p> <p>2： 2.0~21 Mpa (20.4~214.2 Kgf/cm²)</p> <p>3： 2.5~25 Mpa (25.5~255.0 Kgf/cm²)</p> | <p>⑦ A：SAE-A 規格，Ø 82.55 安裝</p> <p>⑧ 轉速</p> <p>12：1200 rpm</p> <p>15：1500 rpm</p> <p>18：1800 rpm</p> <p>⑨ 轉軸</p> <p>01：Ø 19.05 (長鍵)</p> <p>02：SAE-A - 9 Tooth Splined 16/32 dp</p> <p>⑩ 管口牙規格</p> <p>01：S=RC ¾，P=RC ½，DR=RC ¾</p> <p>02：S=#16 SAE，P=#12 SAE，DR=#8 SAE</p> |
|---|--|

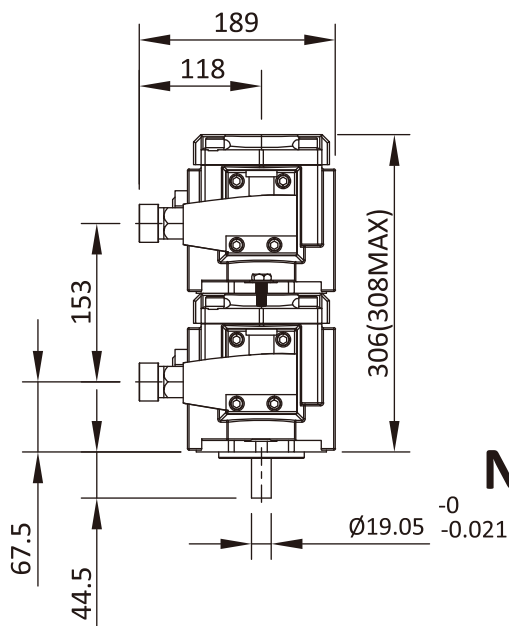
KPVV-8. *

KPVV-12. *

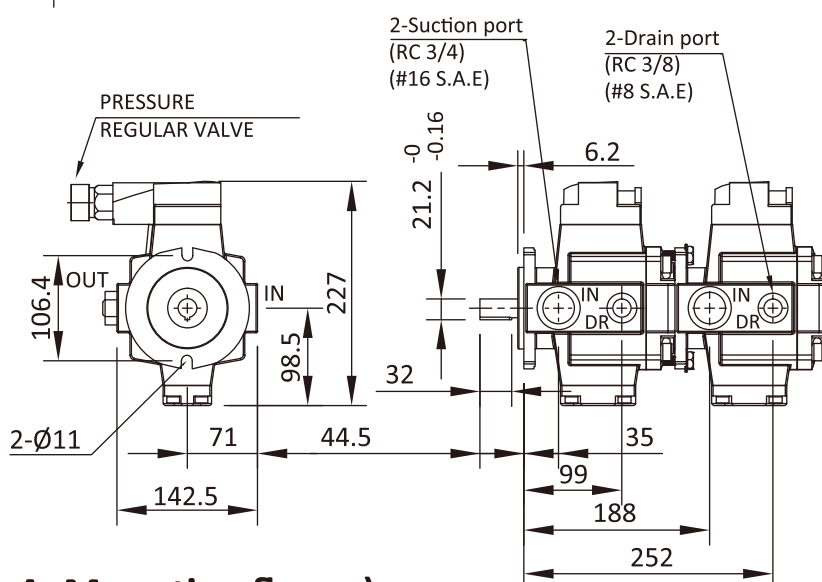
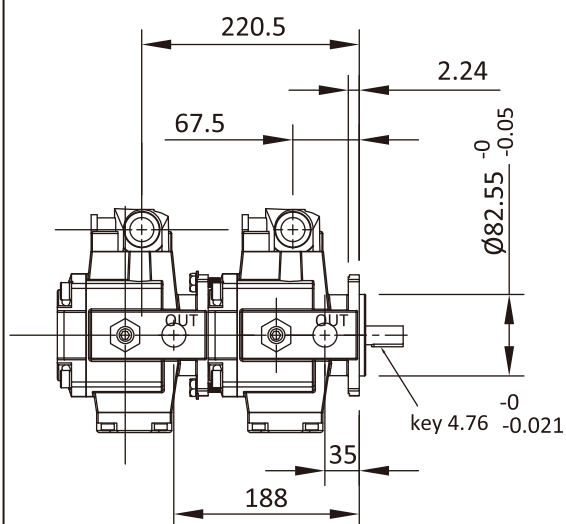
KPVV-16. *

KPVV-20. *

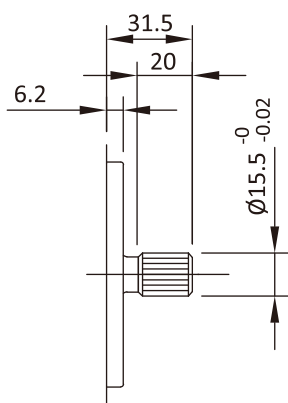
KPVV-23. *



NO.01-Shaft



(SAE A Mounting flange)



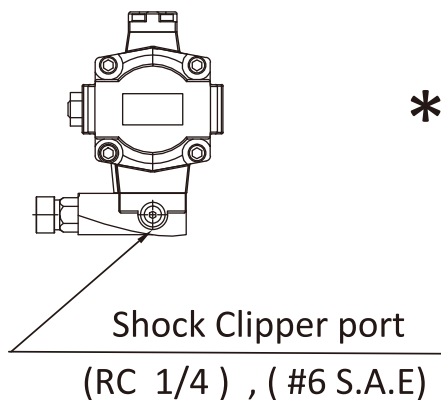
Diametral Pitch : 16/32

Pressure Angle : 30°

No. of Teeth : 9

Available on "A" Cover only

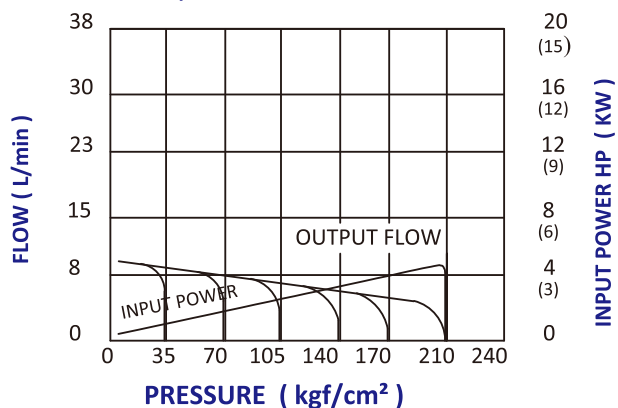
NO.02-Shaft



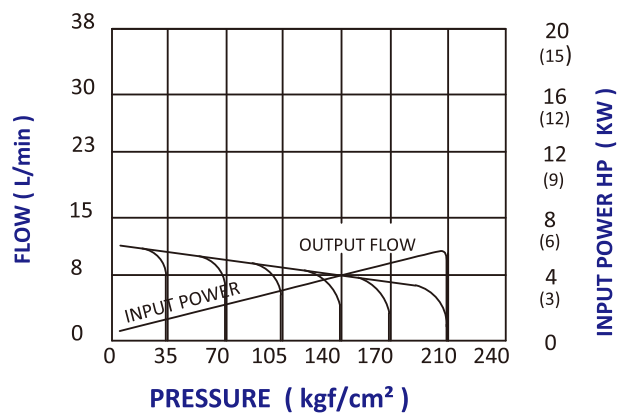
*** Shock Clipper port**
Should be plumbed
to tank to activate
shock clipper

*** (須接獨立油管回油箱)**

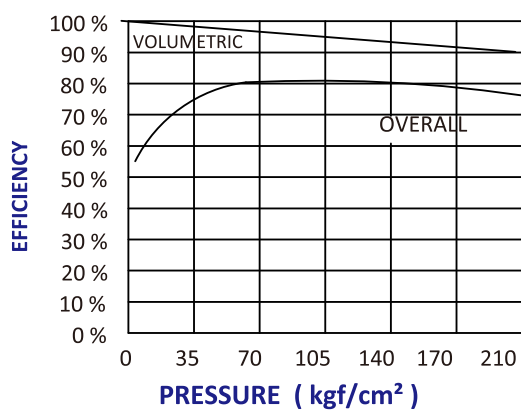
OUTPUT FLOW & POWER @ 1200rpm
8 cm³/rev



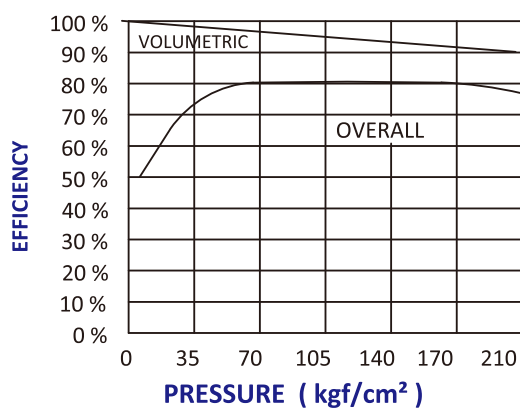
OUTPUT FLOW & POWER @ 1500rpm
8 cm³/rev



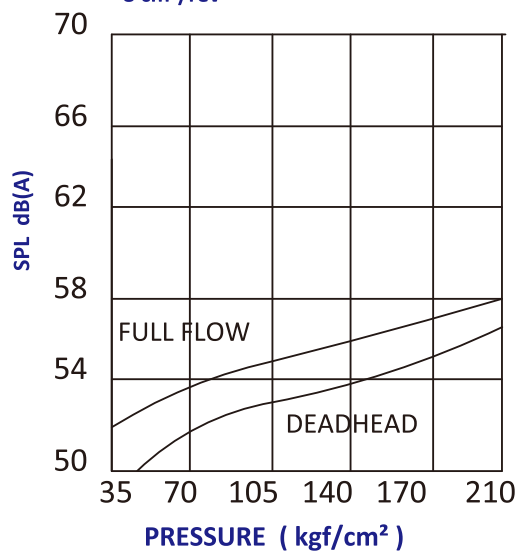
EFFICIENCY @ 1200 rpm
8 cm³/rev



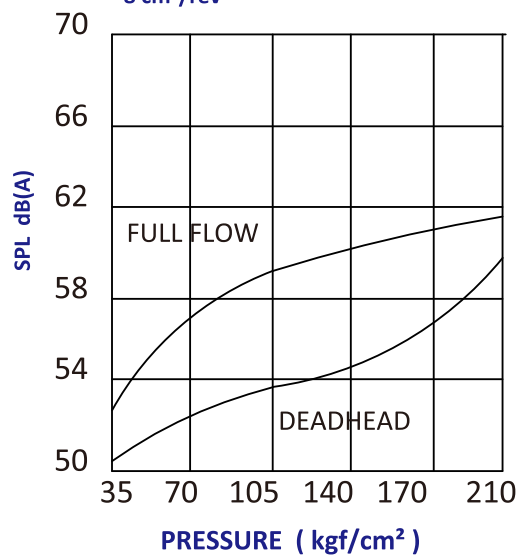
EFFICIENCY @ 1500 rpm
8 cm³/rev



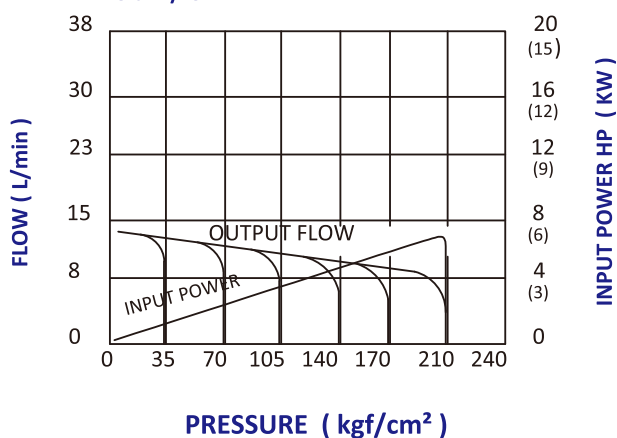
SOUND PRESSURE @ 1200rpm
8 cm³/rev



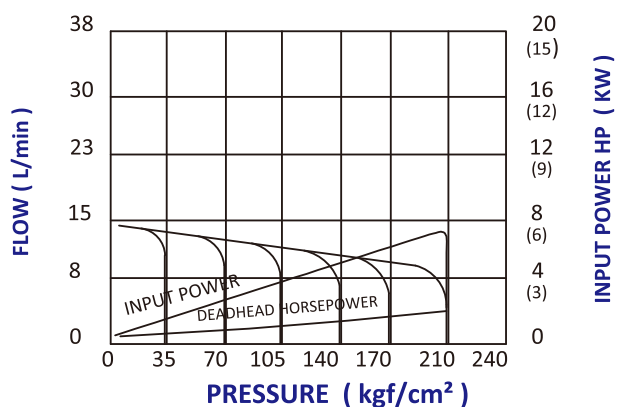
SOUND PRESSURE @ 1500rpm
8 cm³/rev



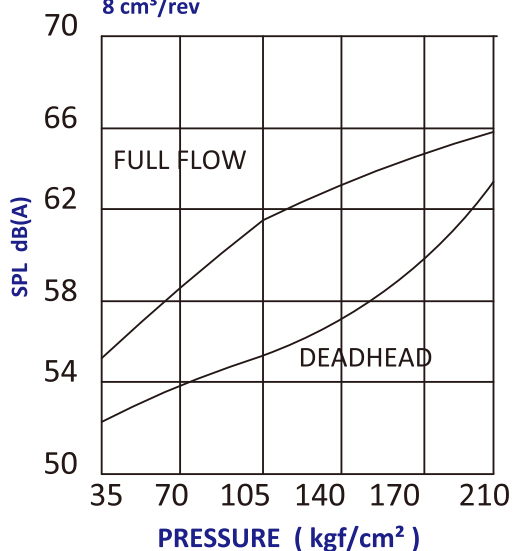
OUTPUT FLOW & POWER @ 1800rpm
8 cm³/rev



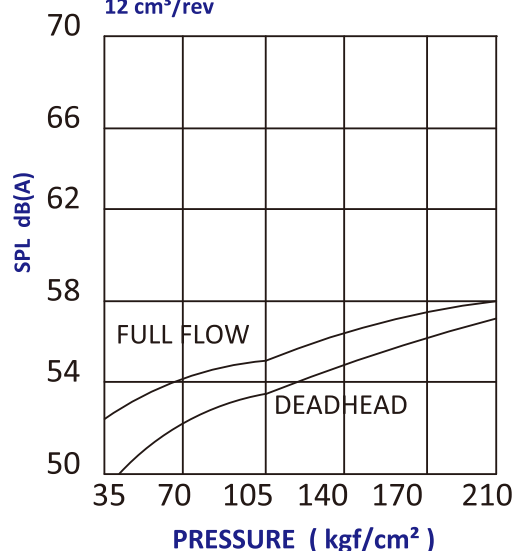
OUTPUT FLOW & POWER @ 1200rpm
12 cm³/rev



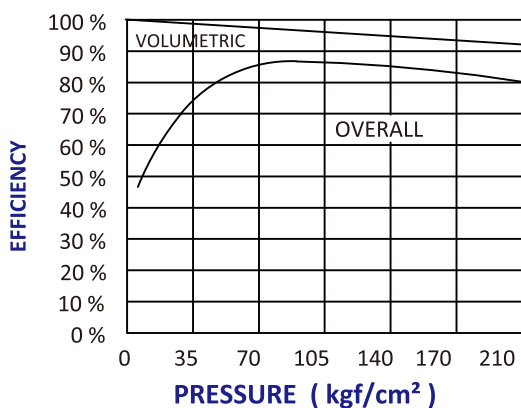
SOUND PRESSURE @ 1800rpm
8 cm³/rev



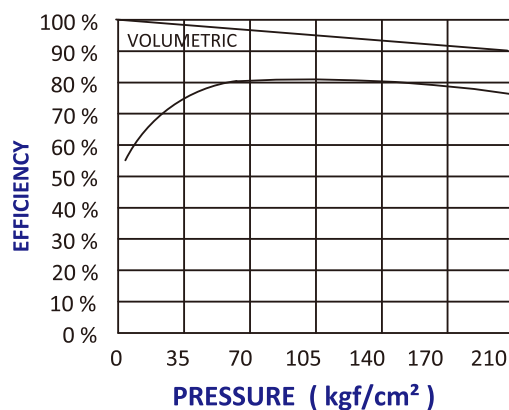
SOUND PRESSURE @ 1200rpm
12 cm³/rev



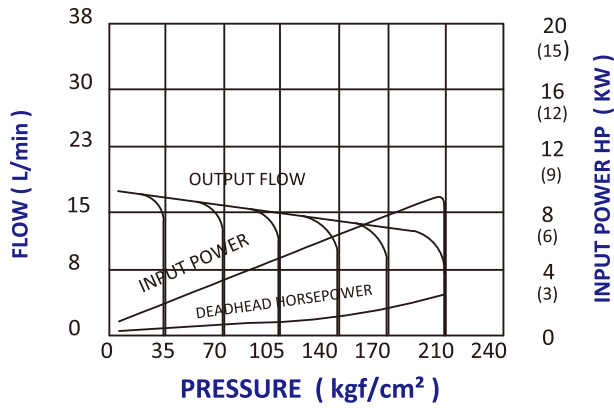
EFFICIENCY @ 1800 rpm
8 cm³/rev



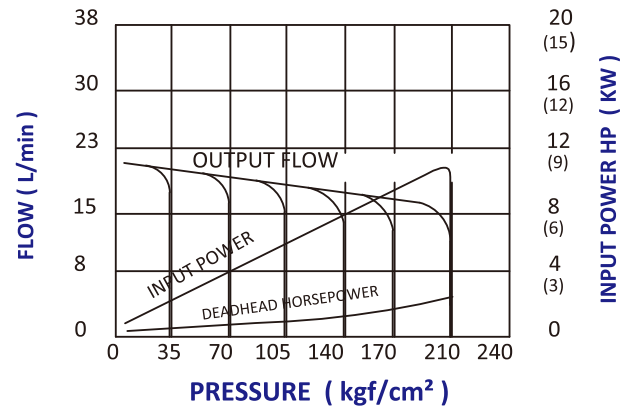
EFFICIENCY @ 1200 rpm
12 cm³/rev



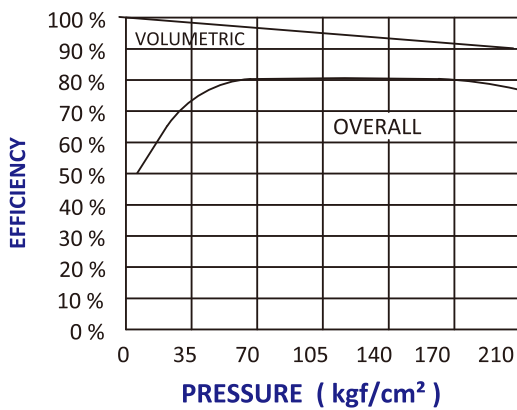
OUTPUT FLOW & POWER @ 1500rpm
12 cm³/rev



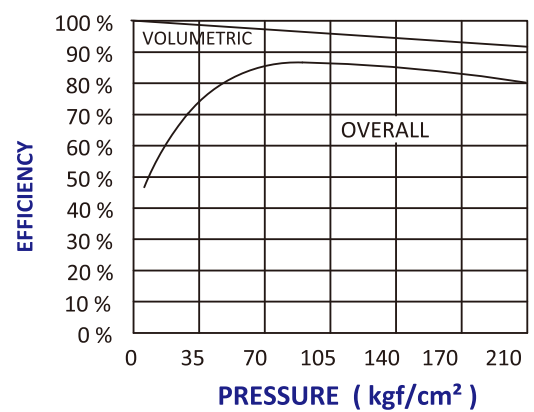
OUTPUT FLOW & POWER @ 1800rpm
12 cm³/rev



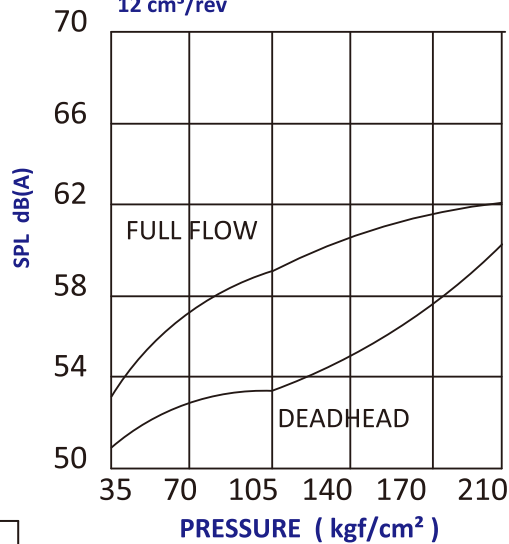
EFFICIENCY @ 1500 rpm
12 cm³/rev



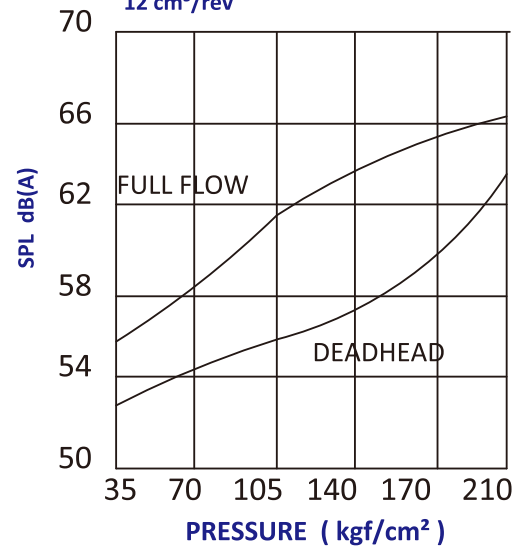
EFFICIENCY @ 1800 rpm
12 cm³/rev



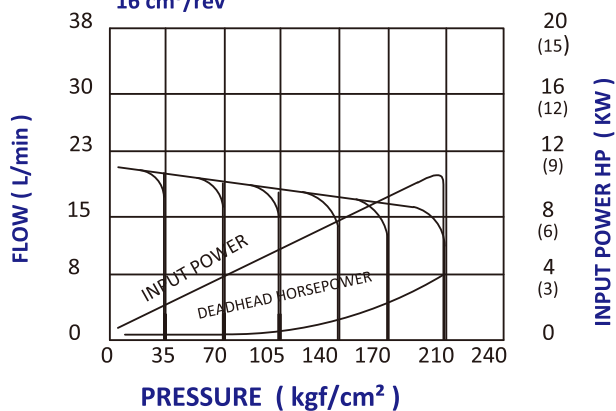
SOUND PRESSURE @ 1500rpm
12 cm³/rev



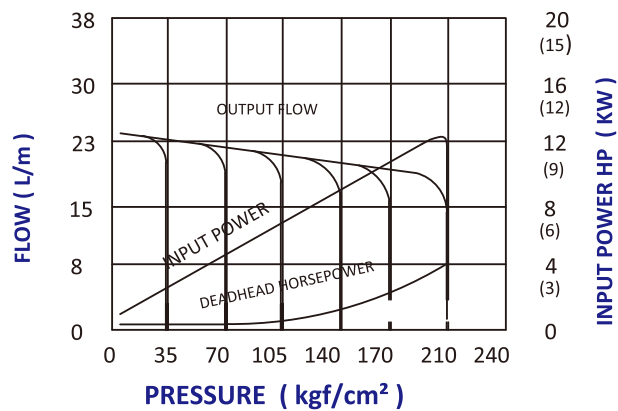
SOUND PRESSURE @ 1800rpm
12 cm³/rev



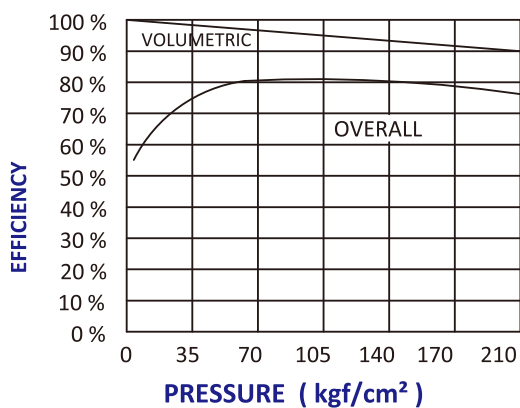
OUTPUT FLOW & POWER @ 1200rpm
16 cm³/rev



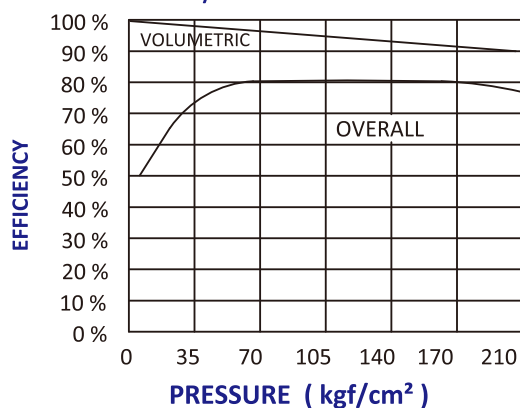
OUTPUT FLOW & POWER @ 1500rpm
16 cm³/rev



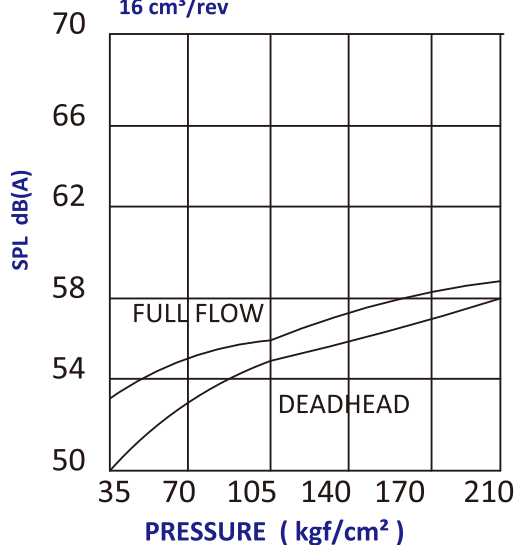
EFFICIENCY @ 1200 rpm
16 cm³/rev



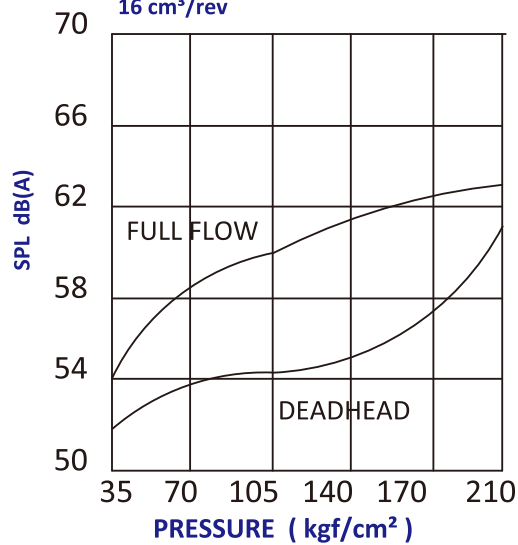
EFFICIENCY @ 1500 rpm
16 cm³/rev



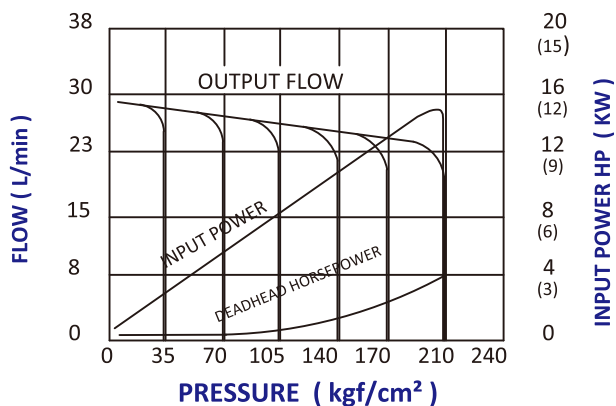
SOUND PRESSURE @ 1200rpm
16 cm³/rev



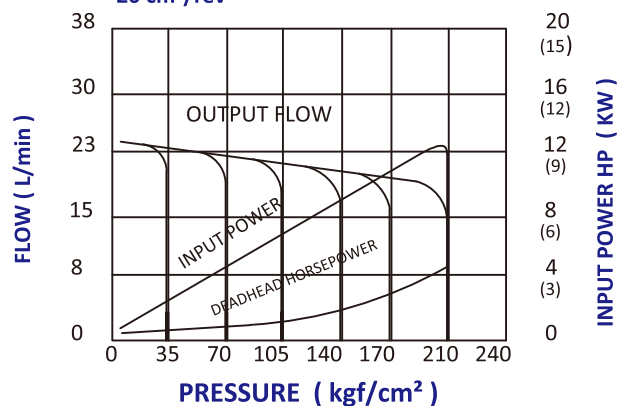
SOUND PRESSURE @ 1500rpm
16 cm³/rev



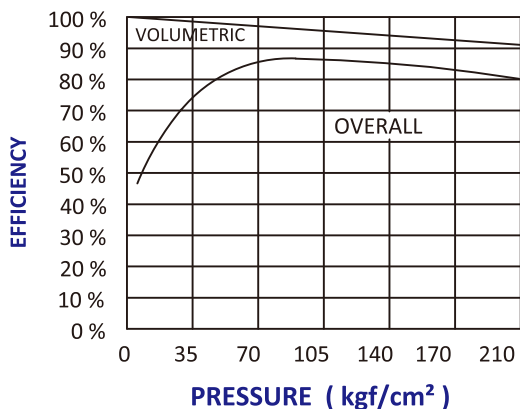
OUTPUT FLOW & POWER @ 1800rpm
16 cm³/rev



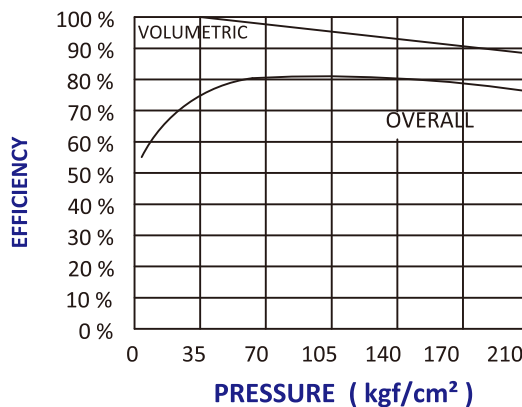
OUTPUT FLOW & POWER @ 1200rpm
20 cm³/rev



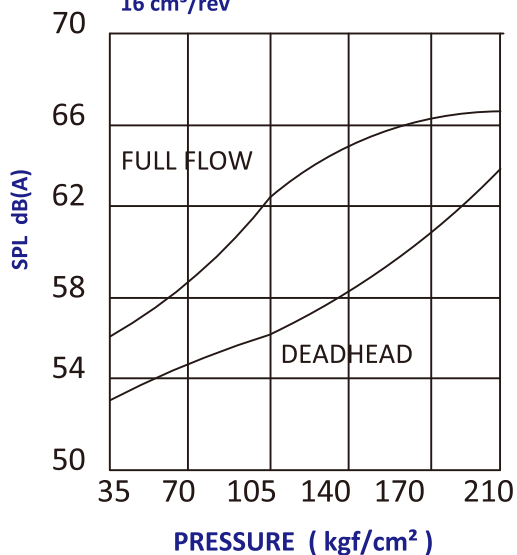
EFFICIENCY @ 1800 rpm
16 cm³/rev



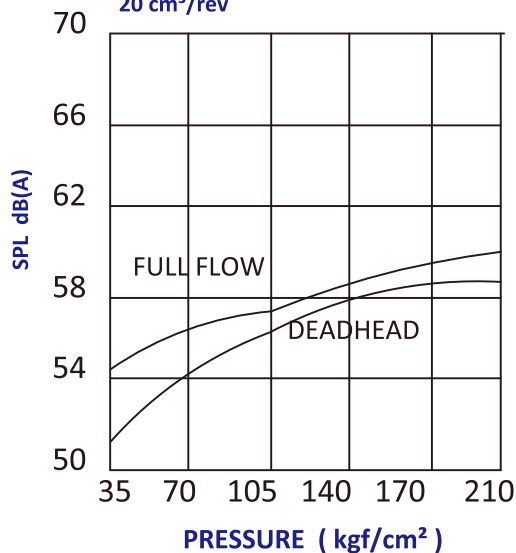
EFFICIENCY @ 1200 rpm
20 cm³/rev



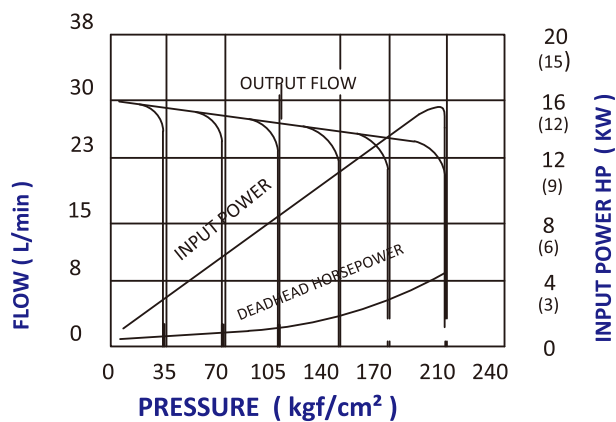
SOUND PRESSURE @ 1800rpm
16 cm³/rev



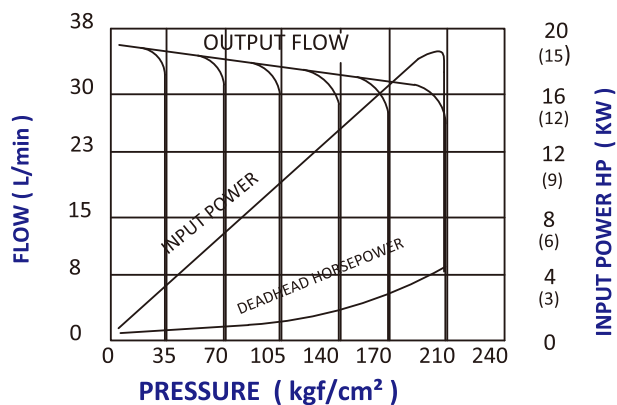
SOUND PRESSURE @ 1200rpm
20 cm³/rev



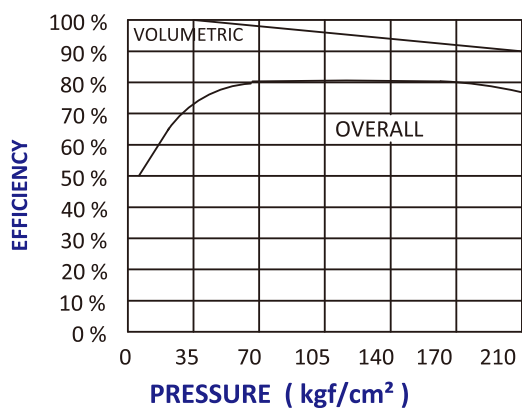
OUTPUT FLOW & POWER @ 1500rpm
20 cm³/rev



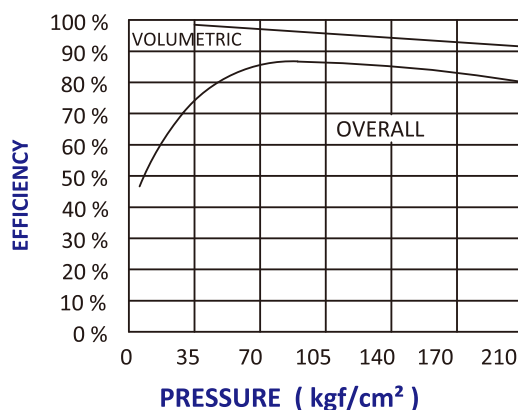
OUTPUT FLOW & POWER @ 1800rpm
20 cm³/rev



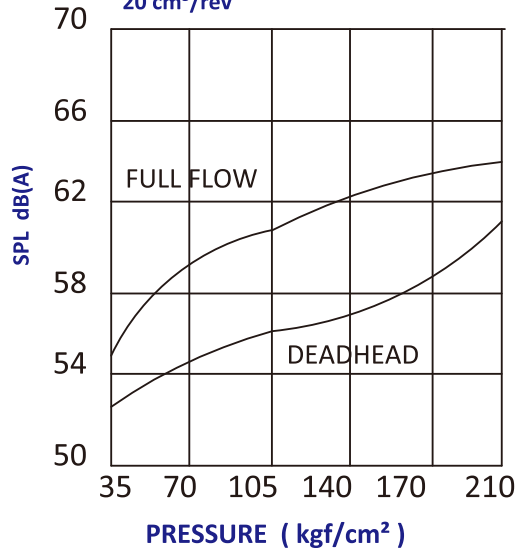
EFFICIENCY @ 1500 rpm
20 cm³/rev



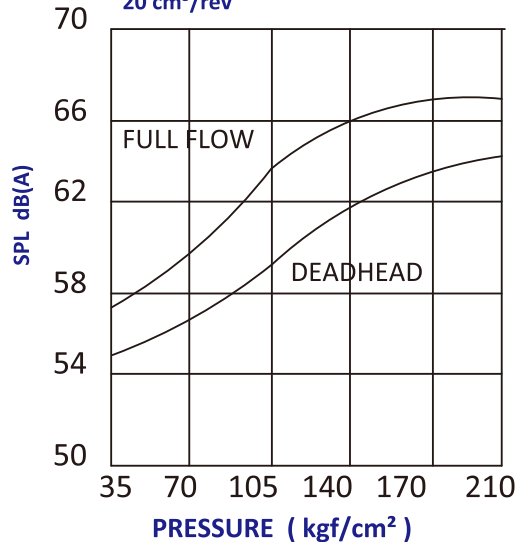
EFFICIENCY @ 1800 rpm
20 cm³/rev



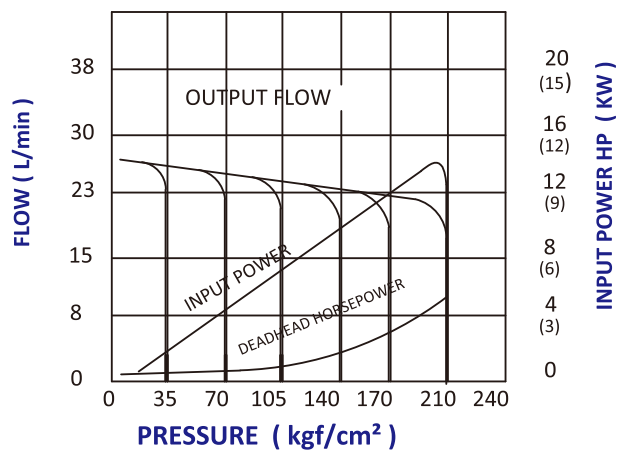
SOUND PRESSURE @ 1500rpm
20 cm³/rev



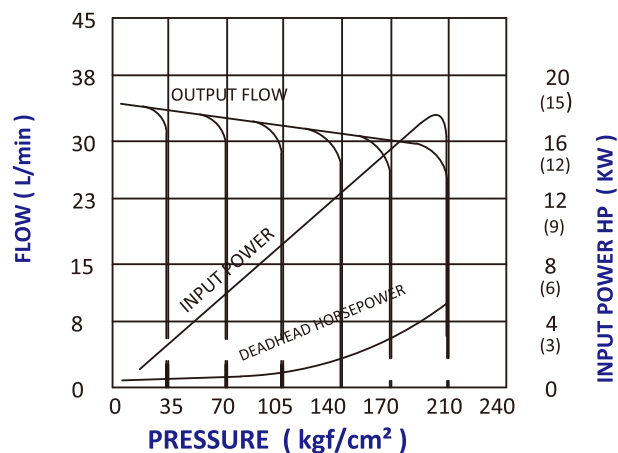
SOUND PRESSURE @ 1800rpm
20 cm³/rev



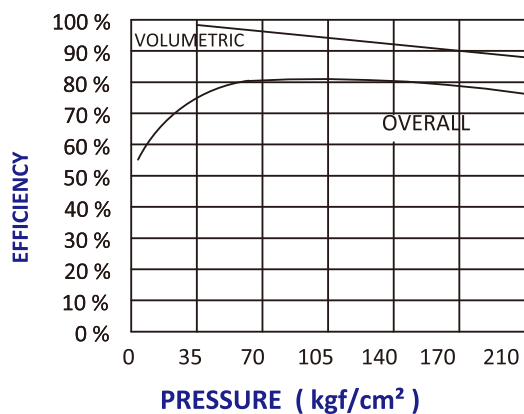
OUTPUT FLOW & POWER @ 1200rpm
23 cm³/rev



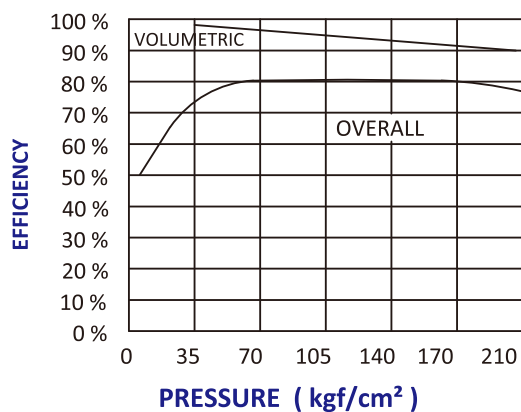
OUTPUT FLOW & POWER @ 1500rpm
23 cm³/rev



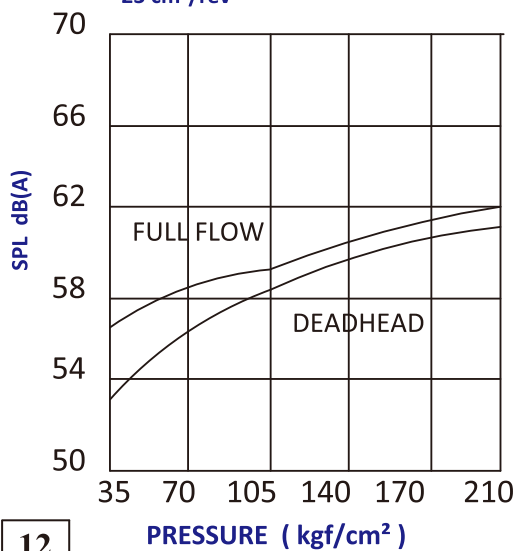
EFFICIENCY @ 1200 rpm
23 cm³/rev



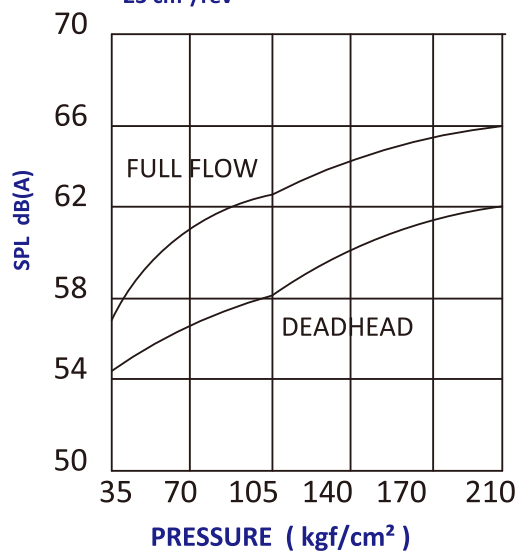
EFFICIENCY @ 1500 rpm
23 cm³/rev



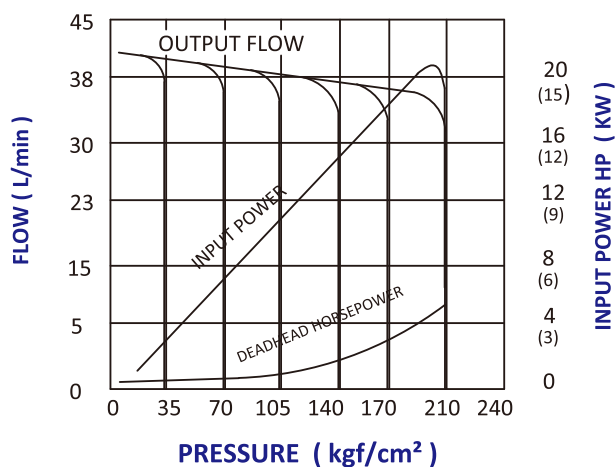
SOUND PRESSURE @ 1200rpm
23 cm³/rev



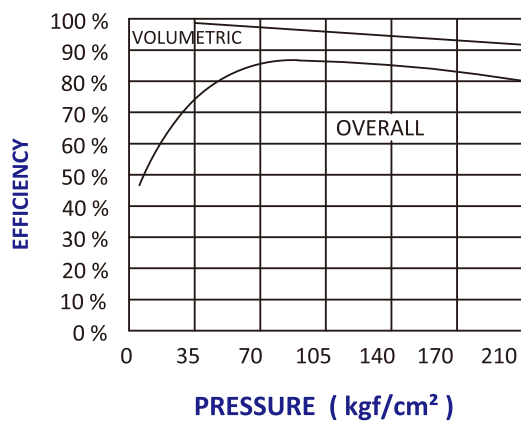
SOUND PRESSURE @ 1500rpm
23 cm³/rev



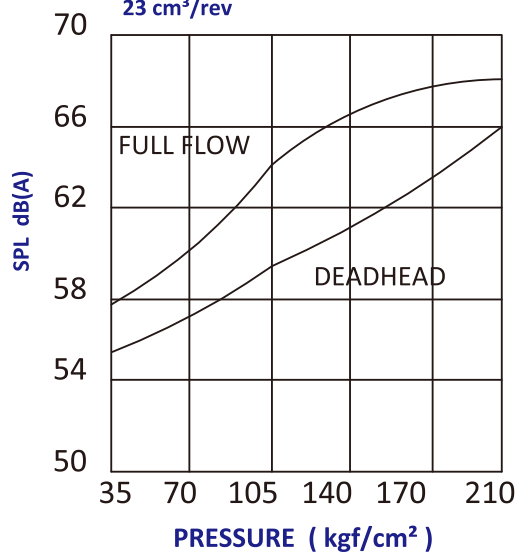
OUTPUT FLOW & POWER @ 1800rpm
23 cm³/rev



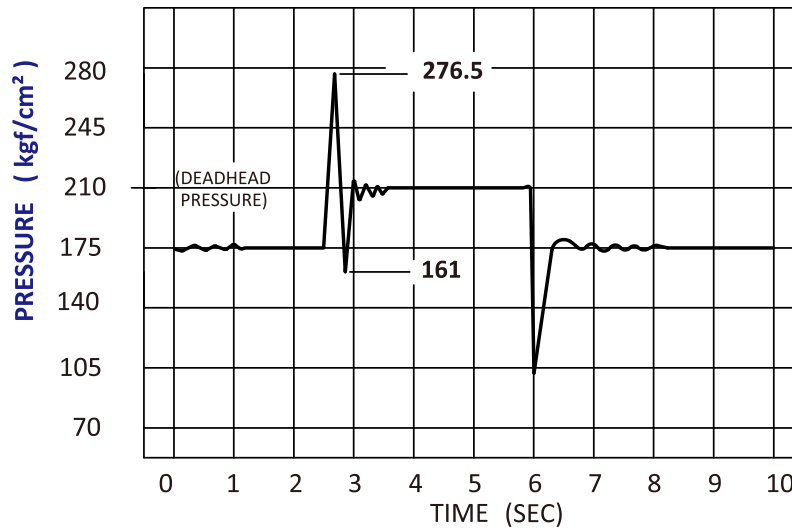
EFFICIENCY @ 1800 rpm
23 cm³/rev



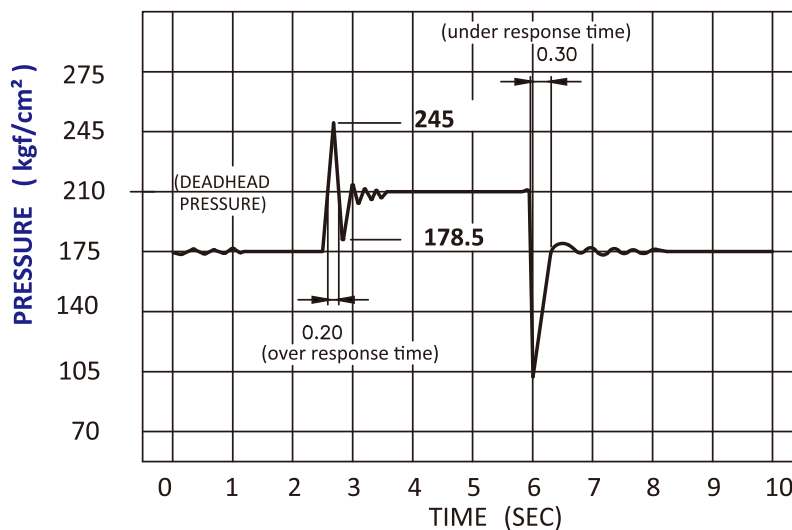
SOUND PRESSURE @ 1800rpm
23 cm³/rev



* KPV-16 REACTION CHARACTERISTICS SHOCK CLIPPER FUNCTION



KPV-16 Single stage compensator, plot with shock clipper **inactive**.
Response overshoot : 66.5(kgf/cm²) ; response undershoot : 49 (kgf/cm²)



KPV-16 Single stage compensator, plot with shock clipper **active**.
1. Response overshoot: 35 (kgf/cm²) ; response undershoot: 31.5(kgf/cm²)
2. Response time (circuit dependent) : 20 ~30ms

* CASE DRAIN FLOW

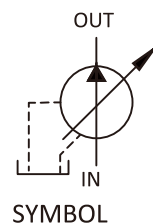
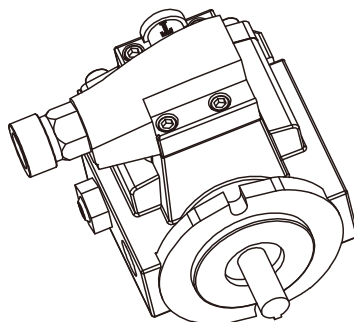
SPEC.	Mpa (Kgf/cm ²)	KPV- 8 / 12 / 16 / 20 /23 (L/min)
case drain flow while compensating @1800 rpm CASE DRAIN FLOW	7 (71.4)	1.5~2.3 (MAX)
	14 (142.8)	2.5~3.8 (MAX)
	21 (214.2)	3.5~4.8 (MAX)

KCL

Memo

[illegible]

KPV-25
KPV-32
KPV-36
KPV-40



Features 特點

- ❖ 壓力板作耐磨,耐疲勞及抗污處理,大幅提高耐磨,耐疲勞及高抗污性能。
- ❖ 固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高。
- ❖ 作衝擊壓消除補償設計,脈動衝擊小。
- ❖ 噪音低,高效率,高性能。
- ❖ 軸環材質採用特殊合金鋼,壽命長。
- ❖ 採用SAE規格安裝,符合國際通用規格。

Model	Pump capacity (cm ³ /rev)	Operating Pressure Mpa (Kgf/cm ²)	Max. Pressure Mpa (Kgf/cm ²)	No-load discharge Rate (L/min)		Weight (Kg)
				50HZ	60HZ	
KPV-25	25	1.5~ 21 (15.3~214.2)	25 (255)	37.5	45	28
KPV-32	32			48	57.6	
KPV-36	36			54	64.8	
KPV-40	40			60	72	

Ordering Code 訂購指引

KPV - 25 - F - 1 - B 12 - 01 - 01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧

① KPV 型號：高壓變量葉片泵

② 流量 (cm³/rev)：25, 32, 36, 40

③ F：單座壓力閥

④ 壓力級數

1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)

2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)

⑤ B：SAE-B 規格，Ø 101.6 安裝

⑥ 轉速

12：1200 rpm

15：1500 rpm

18：1800 rpm

⑦ 轉軸

01：Ø 22.23 (長鍵)

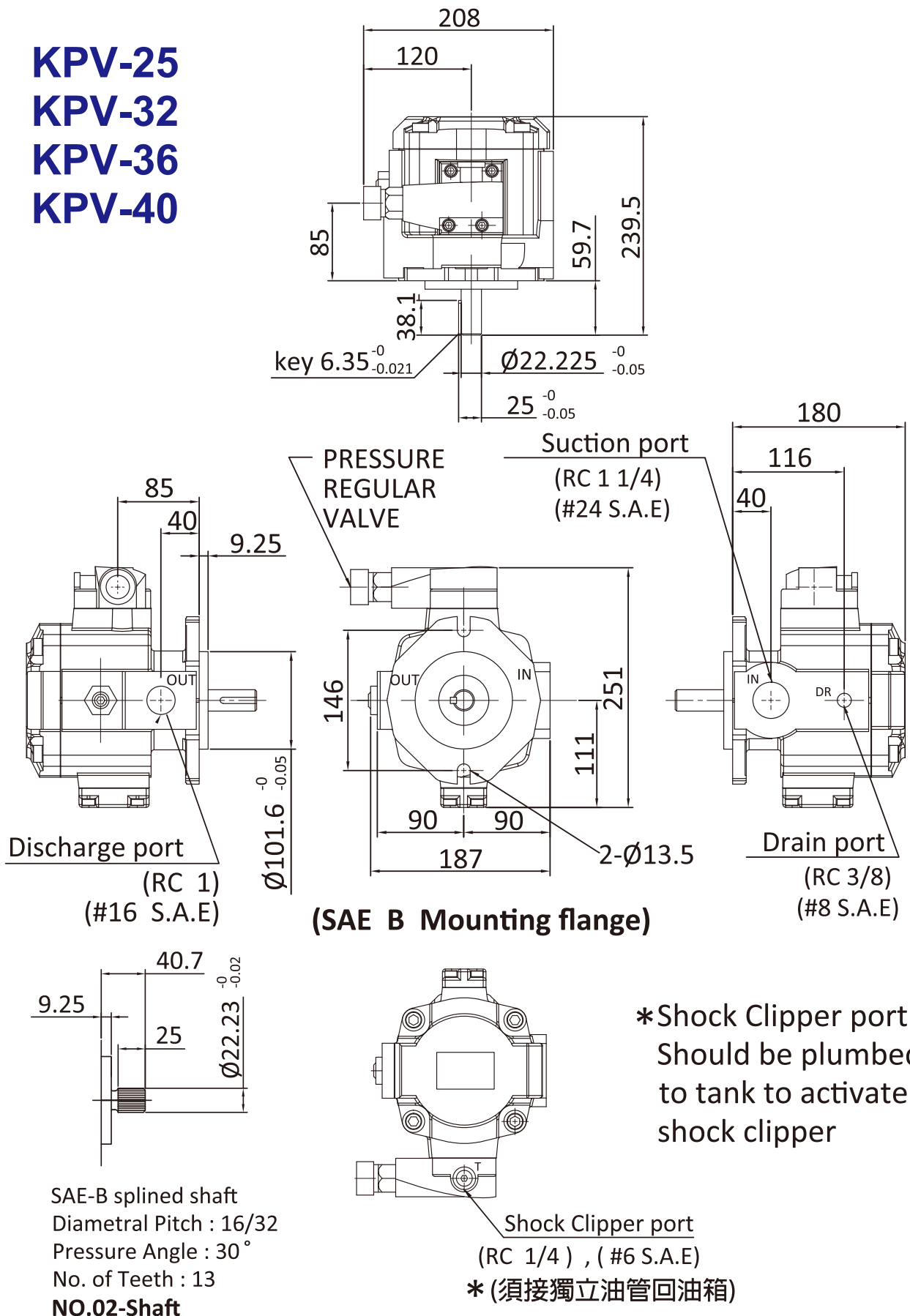
02：SAE-B - 13 Tooth Splined 16/32 dp

⑧ 管口牙規格

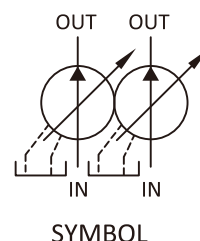
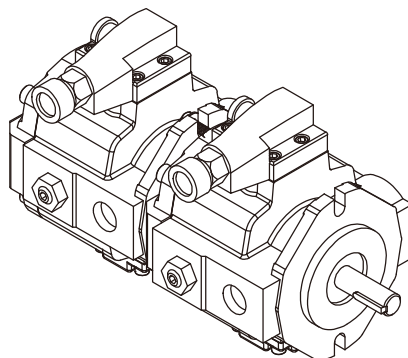
01：S=RC 1 1/4", P=RC 1", DR=RC 3/8"

02：S=#24 SAE, P=#16 SAE, DR=#8 SAE

KPV-25
KPV-32
KPV-36
KPV-40



KPVV-25.*
KPVV-32.*
KPVV-36.*
KPVV-40.*



Features 特點

- ❖ 壓力板作耐磨,耐疲勞及抗污處理,大幅提高耐磨,耐疲勞及高抗污性能。
- ❖ 固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高。
- ❖ 作衝擊壓消除補償設計,脈動衝擊小。
- ❖ 噪音低,高效率,高性能。
- ❖ 軸環材質採用特殊合金鋼,壽命長。
- ❖ 採用SAE規格安裝,符合國際通用規格。

Model	Pump Capacity (cm ³ /rev)		Operating Pressure Mpa (Kgf/cm ²)		Weight (Kg)
	P1	P2	P1	P2	
KPVV- * *	25 , 32 , 36 40	8 , 12 , 16 20 , 23	1.5~21 (15.3~214.2)	1.5~25 (15.3~255)	44

Ordering Code 訂購指引

KPVV - 25 - 16 - F - 2 - 2 - B 12 - 01 - 01

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① **KPVV 型號：高壓雙聯變量葉片泵**
- ② **流量 (cm³/rev)：25,32,36,40**
- ③ **流量 (cm³/rev)：8, 12, 16, 20, 23**
- ④ **F：單座壓力閥**
- ⑤ **P1 壓力級數**
 1： 1.5~14 Mpa (15.3~142.8 Kgf/cm²)
 2： 2.0~21 Mpa (20.4~214.2 Kgf/cm²)
- ⑥ **P2 壓力級數**
 1： 1.5~14 Mpa (15.3~142.8 Kgf/cm²)
 2： 2.0~21 Mpa (20.4~214.2 Kgf/cm²)
 3： 2.5~25 Mpa (25.5~255.0 Kgf/cm²)
- ⑦ **B：SAE-B 規格，Ø 101.6 安裝**
- ⑧ **轉速**
 12：1200 rpm
 15：1500 rpm
 18：1800 rpm
- ⑨ **轉軸**
 01：Ø 22.23 (長鍵)
 02：SAE-B - 13 Tooth Splined 16/32 dp
- ⑩ **管口牙規格**
 01：P1(S=RC 1 1/4", P=RC 1", DR=RC 3/8")
 P2(S=RC 3/4", P=RC 1/2", DR=RC 3/8")
 02：P1(S=#24 SAE, P=#16 SAE, DR=#8 SAE)
 P2(S=#16 SAE, P=#12 SAE, DR=#8 SAE)

KPVV SERIES-25-16

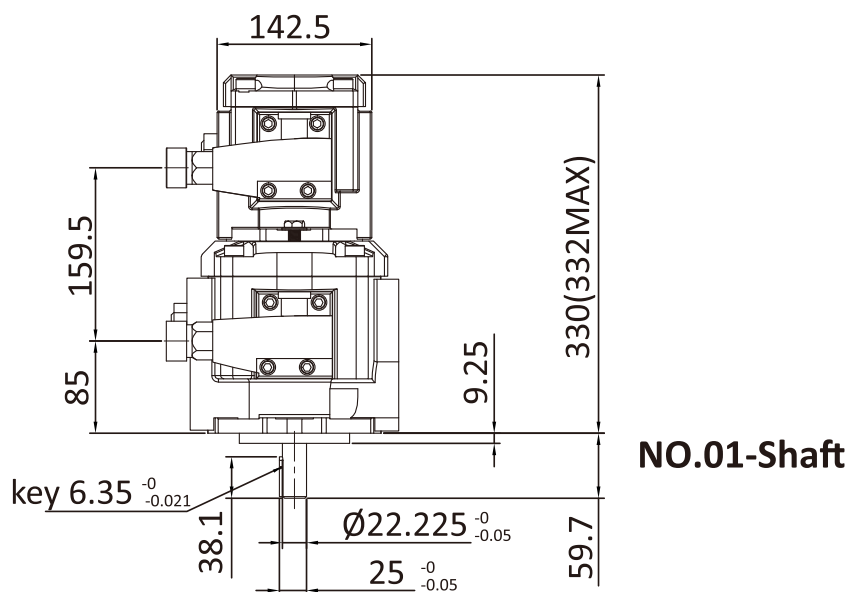
Variable Double Pump Dimensional Drawing

KPVV-25 *

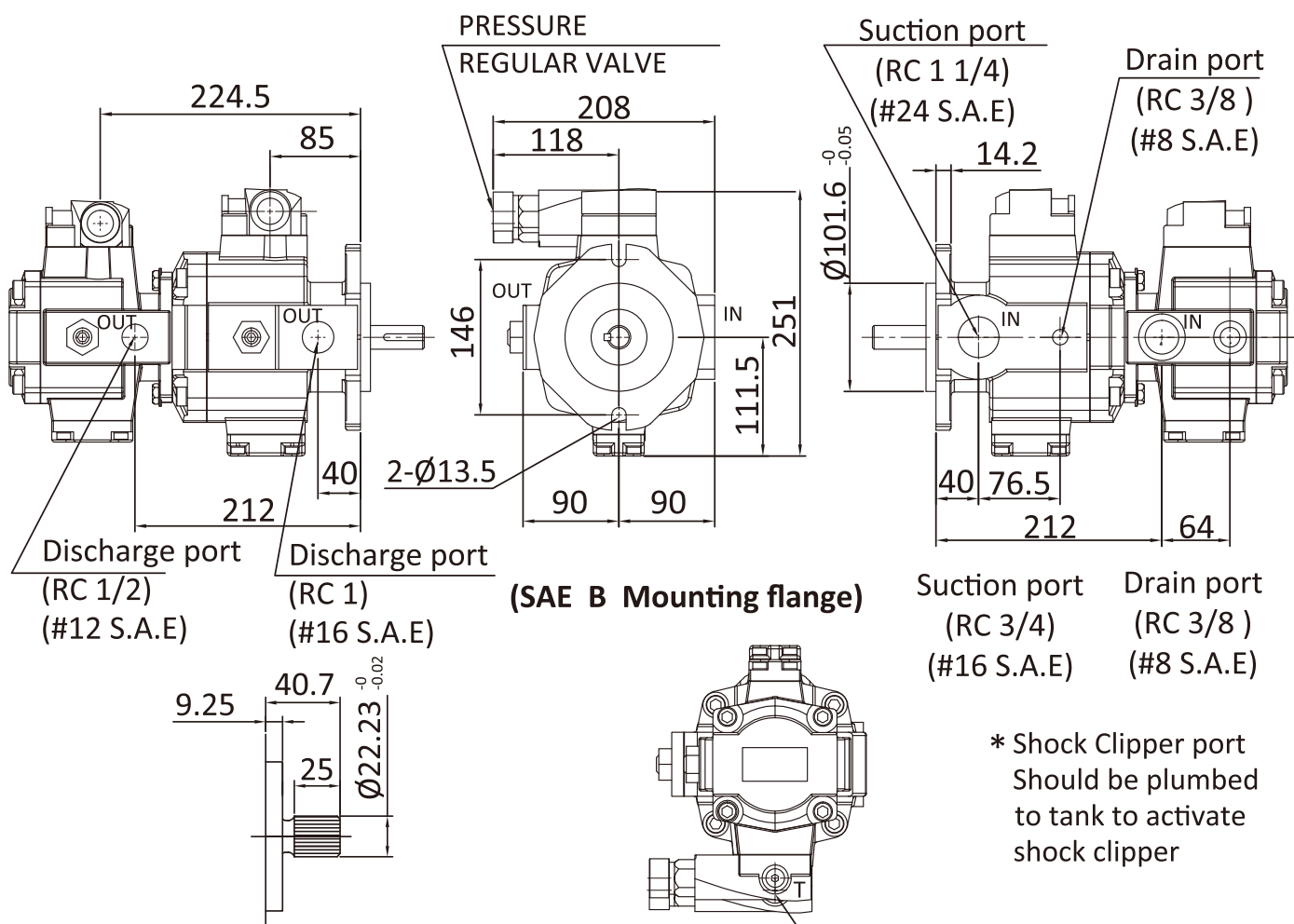
KPVV-32 *

KPVV-36 *

KPVV-40 *



NO.01-Shaft



- * Shock Clipper port
Should be plumbed
to tank to activate
shock clipper

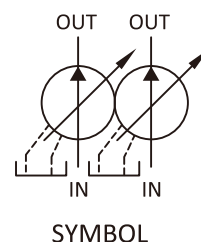
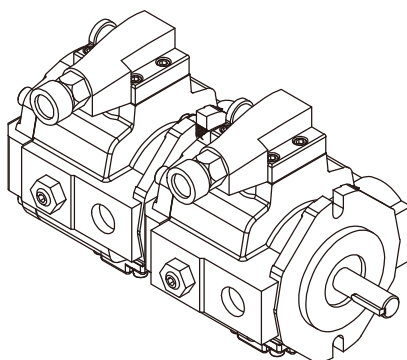
SAE-B splined shaft
Diametral Pitch : 16/32
Pressure Angle : 30°
No. of Teeth : 13

NO.02-Shaft

Shock Clipper port
(RC 1/4) , (#6 S.A.E)

* (須接獨立油管回油箱)

KPVV-25.*
KPVV-32.*
KPVV-36.*
KPVV-40.*



Features 特點

- ❖ 壓力板作耐磨,耐疲勞及抗污處理,大幅提高耐磨,耐疲勞及高抗污性能。
- ❖ 固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高。
- ❖ 作衝擊壓消除補償設計,脈動衝擊小。
- ❖ 噪音低,高效率,高性能。
- ❖ 軸環材質採用特殊合金鋼,壽命長。
- ❖ 採用SAE規格安裝,符合國際通用規格。

Model	Pump Capacity (cm ³ /rev)		Operating Pressure Mpa (Kgf/cm ²)		Weight (Kg)
	P1	P2	P1	P2	
KPVV- * *	25 , 32 , 36 40	25 , 32 , 36 40	1.5~21 (15.3~214.2)	1.5~21 (15.3~214.2)	56

Ordering Code 訂購指引

KPVV - 25 - 25 - F - 2 - 2 - B 12 - 01 - 01

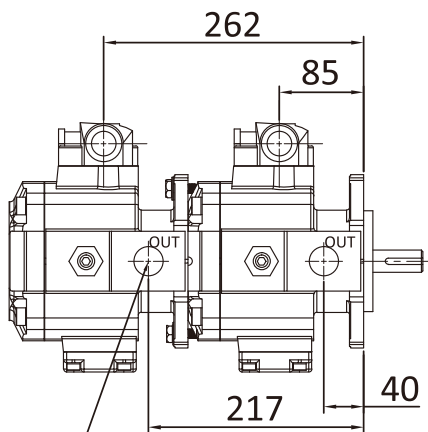
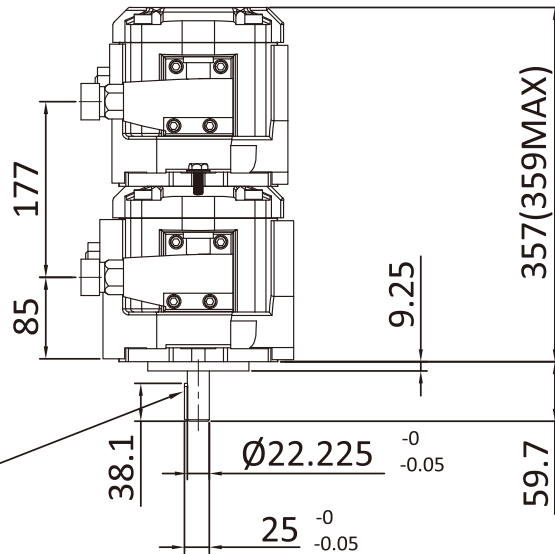
① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① KPVV 型號：高壓雙聯變量葉片泵
- ② 流量 (cm³/rev)：25, 32, 36, 40
- ③ 流量 (cm³/rev)：25, 32, 36, 40
- ④ F：單座壓力閥
- ⑤ P1 壓力級數
 - 1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)
 - 2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)
- ⑥ P2 壓力級數
 - 1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)
 - 2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)
- ⑦ B：SAE-B 規格，Ø101.6 安裝
- ⑧ 轉速
 - 12：1200 rpm
 - 15：1500 rpm
 - 18：1800 rpm
- ⑨ 轉軸
 - 01：Ø 22.23 (長鍵)
 - 02：SAE-B - 13 Tooth Splined 16/32 dp
- ⑩ 管口牙規格
 - 01：P1 & P2
(S=RC 1 1/4", P=RC 1", DR=RC 3/8")
 - 02：P1 & P2
(S=#24 SAE, P=#16 SAE, DR=#8 SAE)

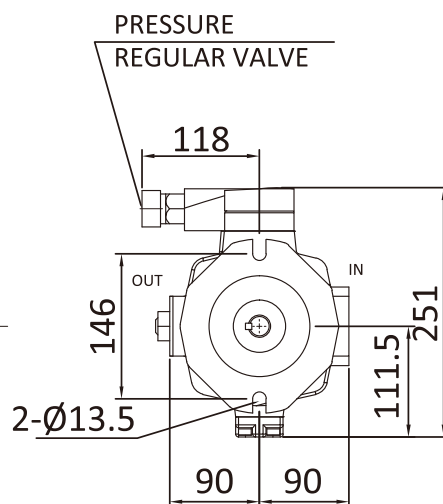
KPVV-25 *
KPVV-32 *
KPVV-36 *
KPVV-40 *

NO.01-Shaft

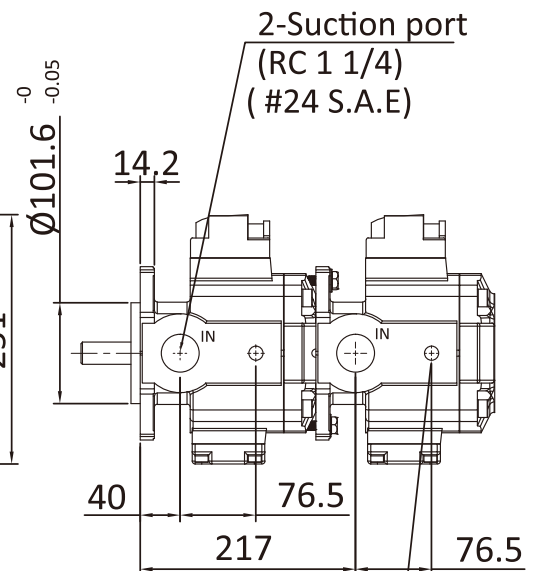
key 6.35 $\begin{smallmatrix} -0 \\ -0.021 \end{smallmatrix}$



2-Discharge port
 (RC 1)
 (#16 S.A.E)

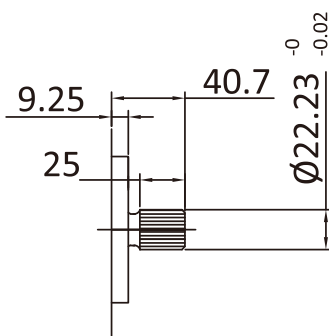


(SAE B Mounting flange)



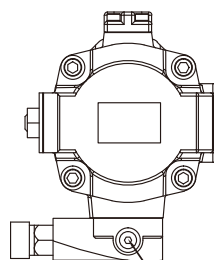
2-Suction port
 (RC 1 1/4)
 (#24 S.A.E)

2-Drain port
 (RC 3/8)
 (#8 S.A.E)



SAE-B splined shaft
 Diametral Pitch : 16/32
 Pressure Angle : 30°
 No. of Teeth : 13

NO.02-Shaft

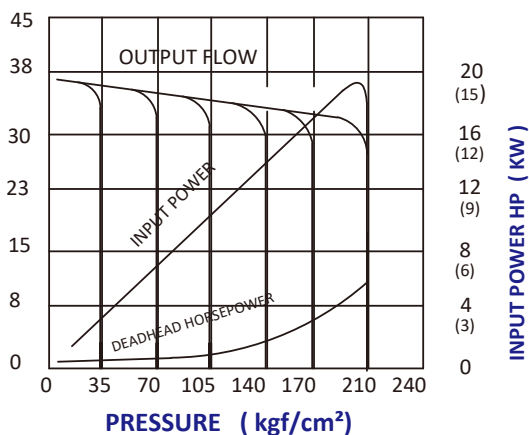


Shock Clipper port
 (RC 1/4) , (#6 S.A.E)

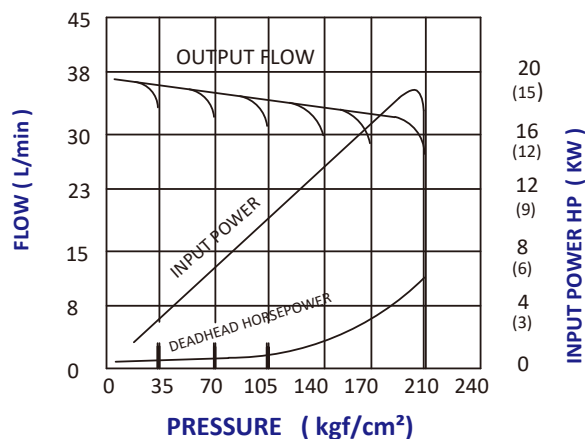
(須接獨立油管回油箱)

* Shock Clipper port
 Should be plumbed
 to tank to activate
 shock clipper

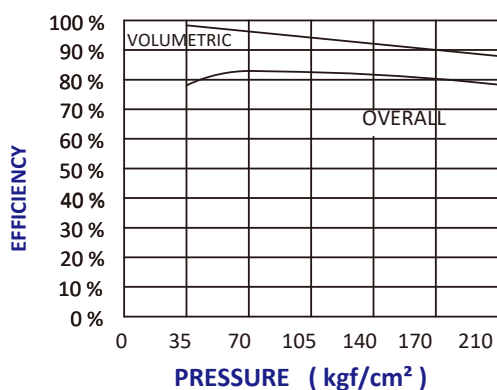
OUTPUT FLOW & POWER @ 1200rpm
25 cm³/rev



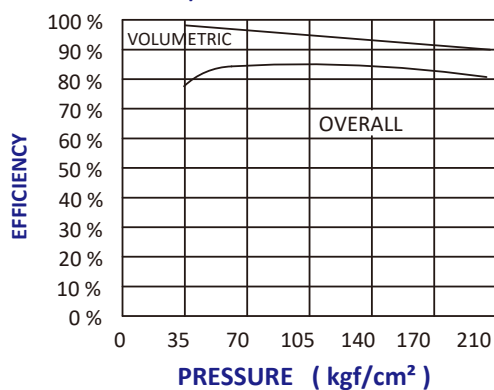
OUTPUT FLOW & POWER @ 1500rpm
25 cm³/rev



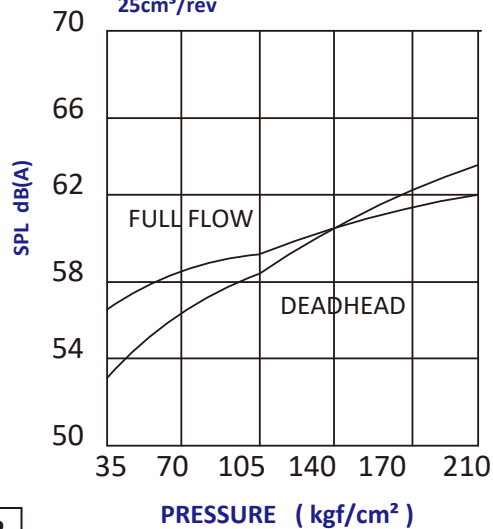
EFFICIENCY @ 1200 rpm
25 cm³/rev



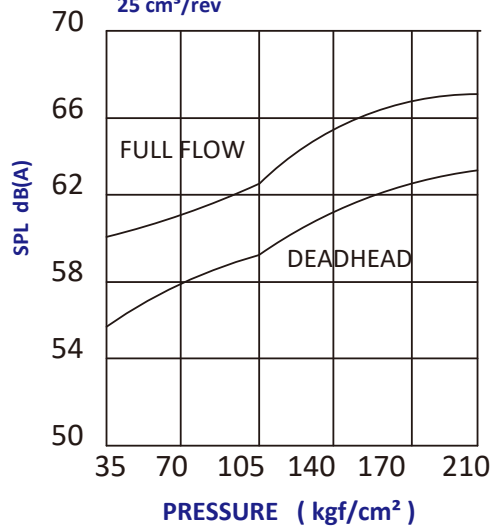
EFFICIENCY @ 1500 rpm
25 cm³/rev



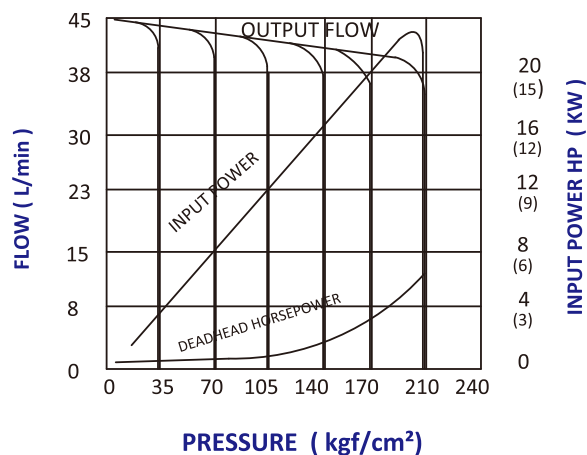
SOUND PRESSURE @ 1200rpm
25cm³/rev



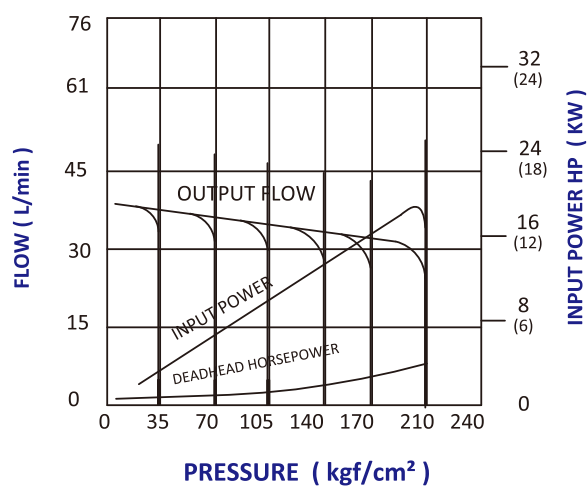
SOUND PRESSURE @ 1500rpm
25 cm³/rev



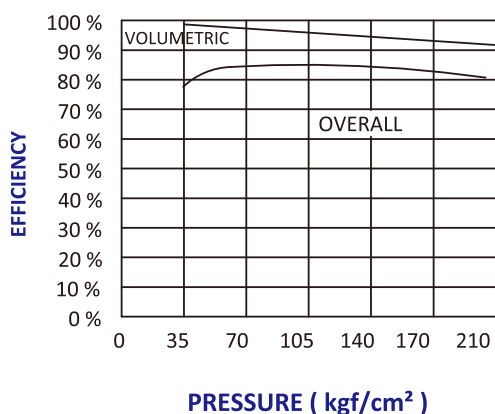
OUTPUT FLOW & POWER @ 1800rpm
25 cm³ /rev



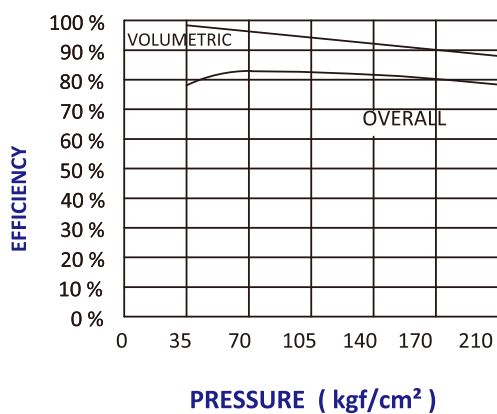
OUTPUT FLOW & POWER @ 1200rpm
32 cm³ /rev



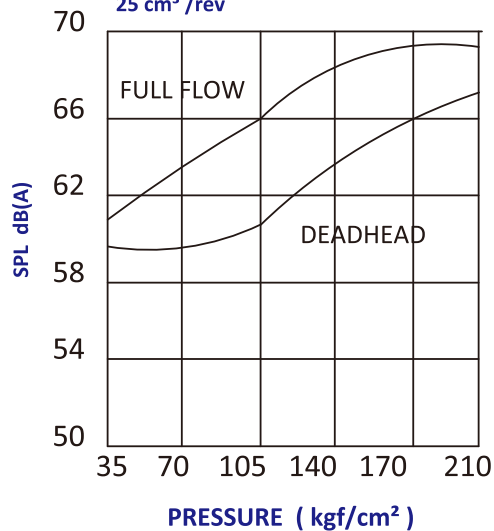
EFFICIENCY @ 1800 rpm
25 cm³ /rev



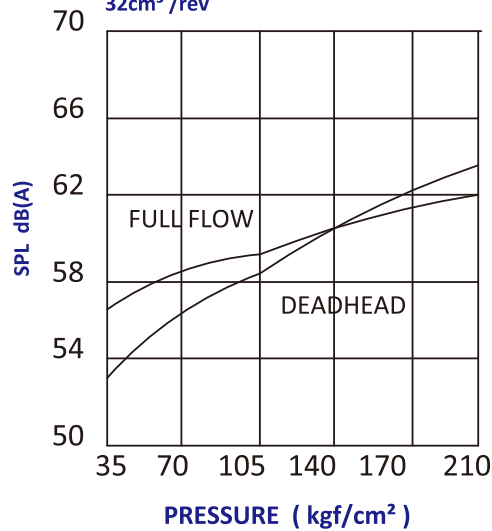
EFFICIENCY @ 1200 rpm
32 cm³ /rev



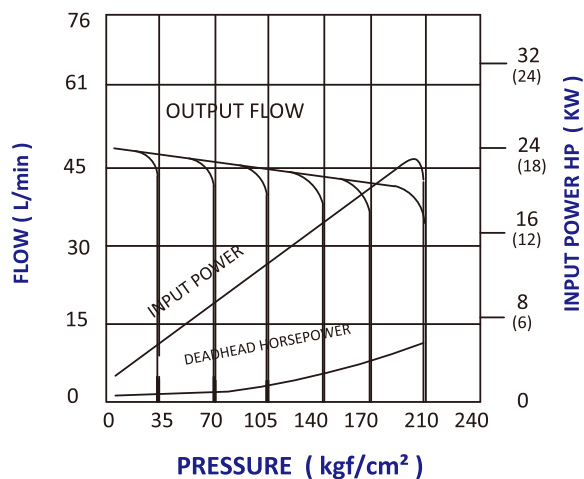
SOUND PRESSURE @ 1800rpm
25 cm³ /rev



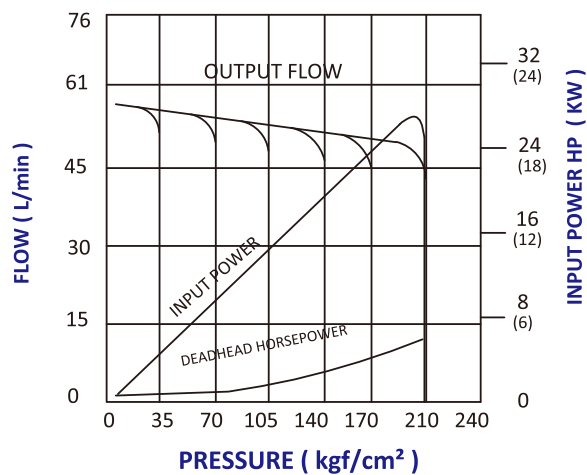
SOUND PRESSURE @ 1200rpm
32cm³ /rev



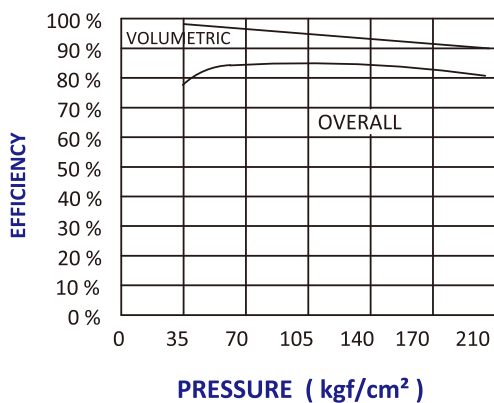
OUTPUT FLOW & POWER @ 1500rpm
32 cm³ /rev



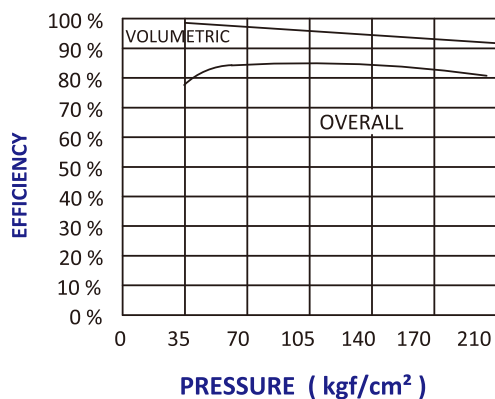
OUTPUT FLOW & POWER @ 1800rpm
32 cm³ /rev



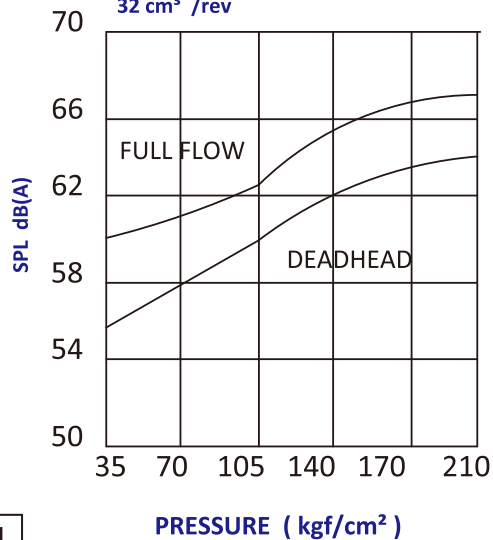
EFFICIENCY @ 1500 rpm
32 cm³ /rev



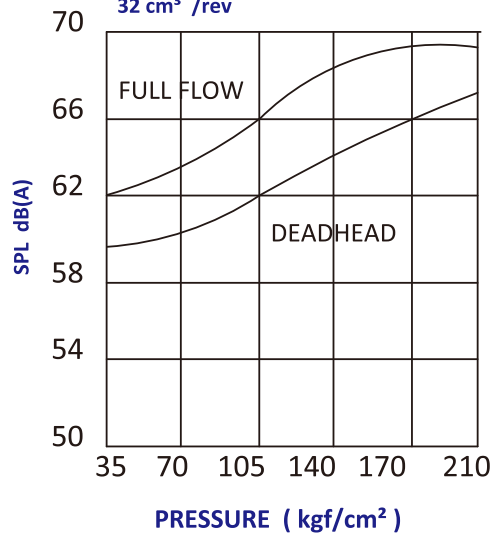
EFFICIENCY @ 1800 rpm
32 cm³ /rev



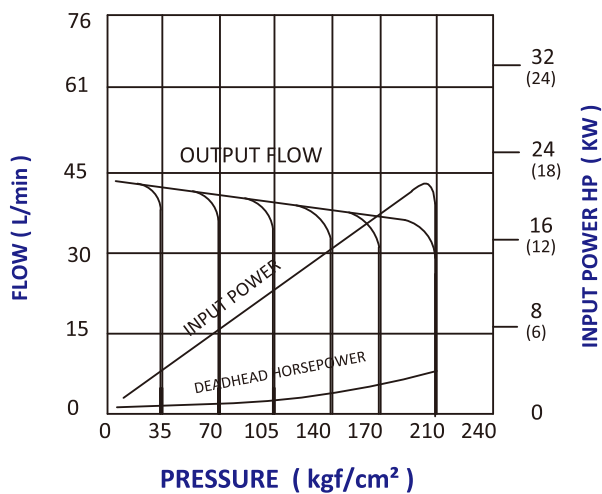
SOUND PRESSURE @ 1500rpm
32 cm³ /rev



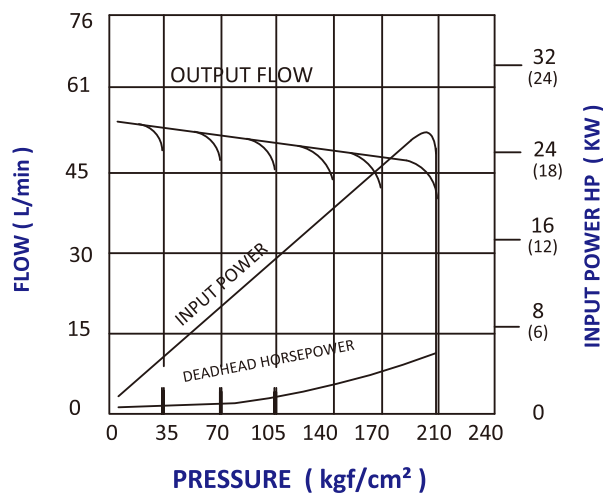
SOUND PRESSURE @ 1800rpm
32 cm³ /rev



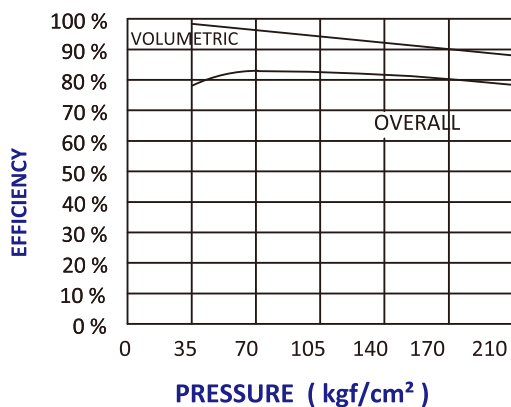
OUTPUT FLOW & POWER @ 1200rpm
36 cm³ /rev



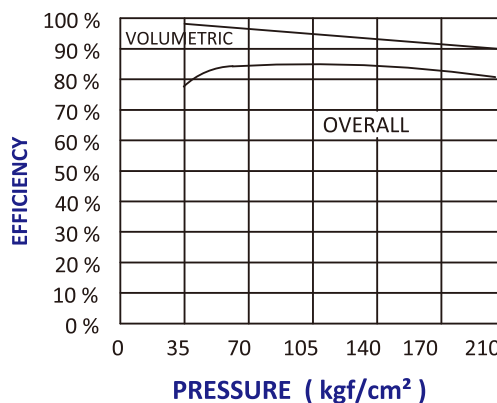
OUTPUT FLOW & POWER @ 1500rpm
36 cm³ /rev



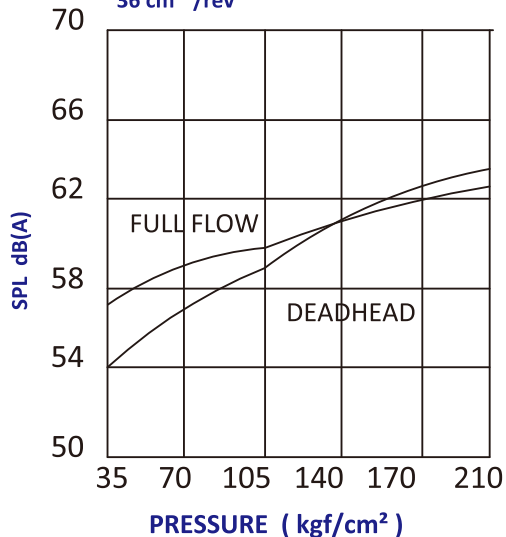
EFFICIENCY @ 1200 rpm
36 cm³ /rev



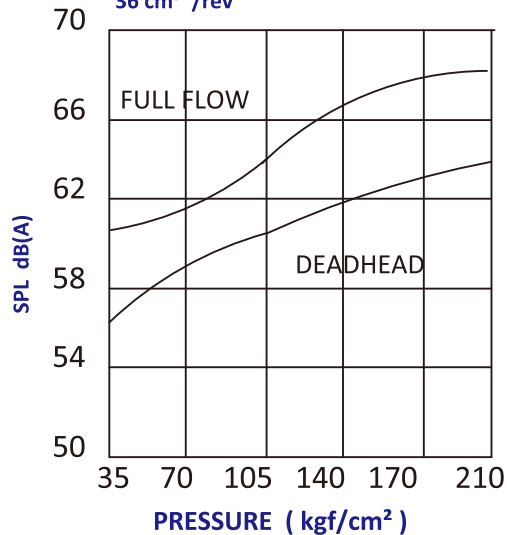
EFFICIENCY @ 1500 rpm
36 cm³ /rev



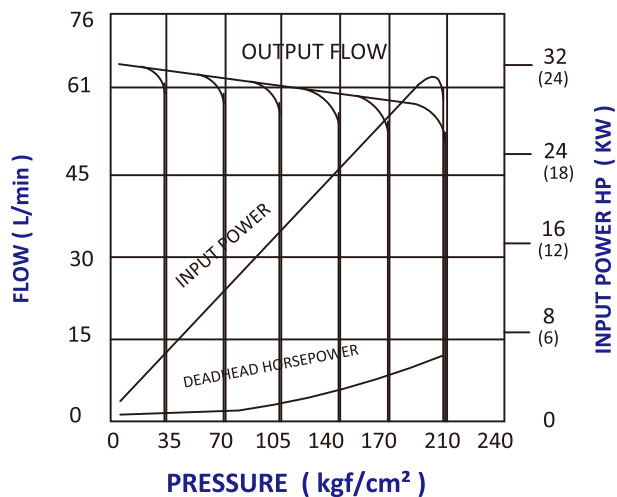
SOUND PRESSURE @ 1200rpm
36 cm³ /rev



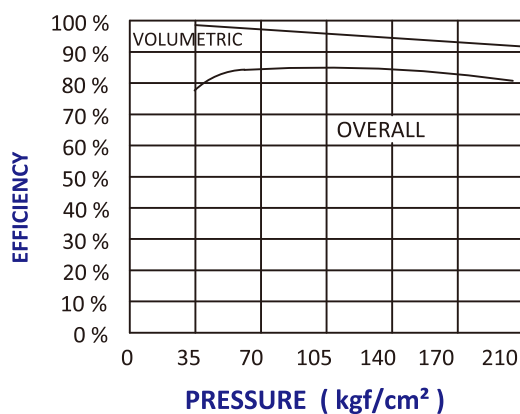
SOUND PRESSURE @ 1500rpm
36 cm³ /rev



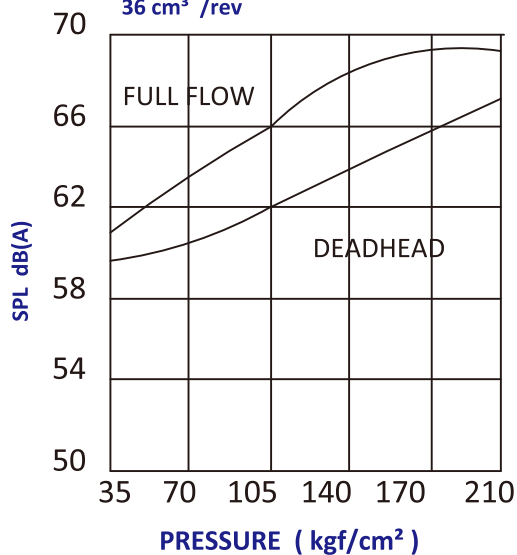
OUTPUT FLOW & POWER @ 1800rpm
36 cm³ /rev



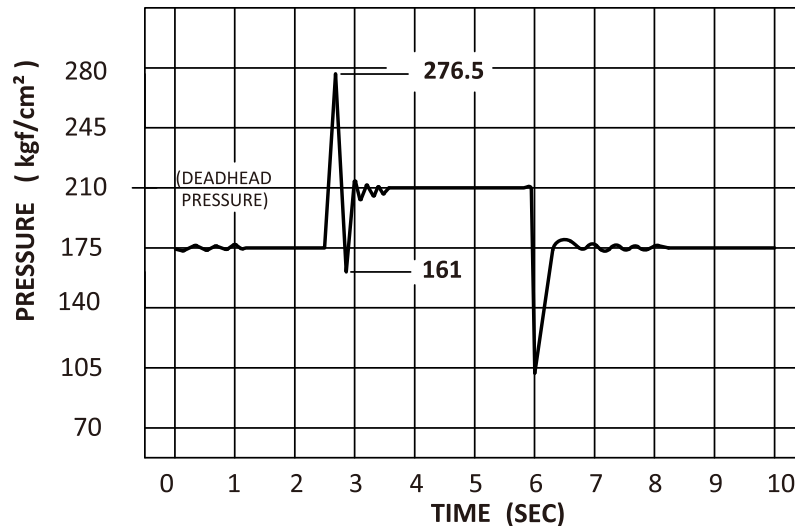
EFFICIENCY @ 1800 rpm
36 cm³ /rev



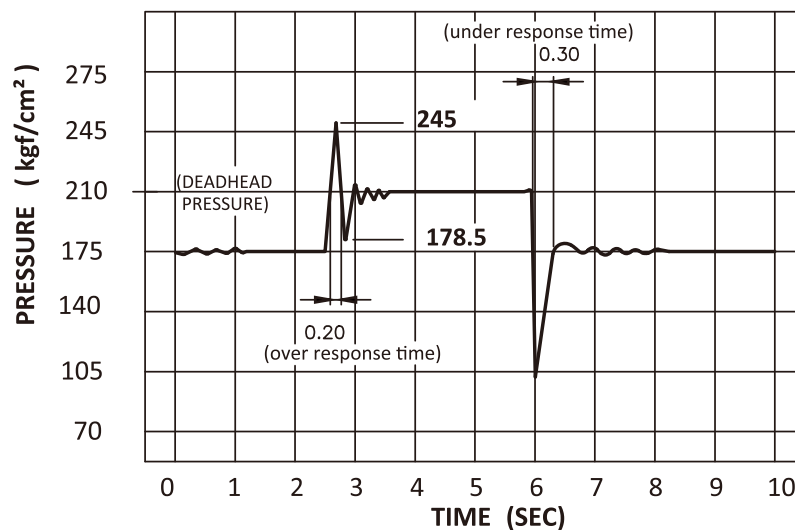
SOUND PRESSURE @ 1800rpm
36 cm³ /rev



* KPV-25 REACTION CHARACTERISTICS SHOCK CLIPPER FUNCTION



KPV- 25 Single stage compensator, plot with shock clipper **inactive**.
Response overshoot : 66.5(kgf/cm²) ; response undershoot : 49 (kgf/cm²)

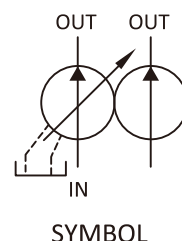
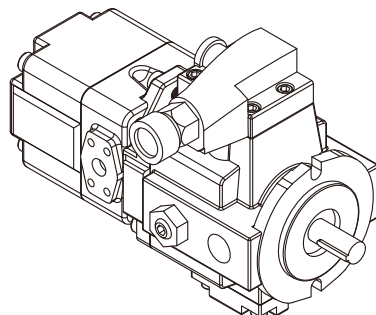


KPV- 25 Single stage compensator, plot with shock clipper **active**.
1. Response overshoot: 35 (kgf/cm²) ; response undershoot: 31.5(kgf/cm²)
2. Response time (circuit dependent) : 20 ~30ms

* CASE DRAIN FLOW

SPEC.	Mpa (Kg/cm ²)	KPV- 25 / 32 / 36 (L/min)
case drain flow while compensating @1800 rpm CASE DRAIN FLOW	7 (71.4)	2.0~3.5 (MAX)
	14 (142.8)	4.0~5.0 (MAX)
	21 (214.2)	5.0~6.0 (MAX)

KPV-08+VQ15 *
KPV-12+VQ15 *
KPV-16+VQ15 *
KPV-20+VQ15 *
KPV-23+VQ15 *



Features 特點

- ❖ 高壓變量與高壓定量組合泵,油壓系統設計更彈性。
- ❖ 高壓變量單元,採固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高;。
- ❖ 噪音低,高效率,高性能,提高耐磨,耐疲勞及高抗汙性能。

Model	Pump Capacity (cm ³ /rev)		Operating Pressure Mpa (Kgf/cm ²)		Weight (Kg)
	P1	P2	P1	P2	
KPV08~23+VQ15	08, 12, 16 20,23	⑨	1.5~25 (15.3~255)	⑨	27.2

Ordering Code 訂購指引

KPV - 16 - F - 1 - A12 - 01 - 01 - VQ15 - 17

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

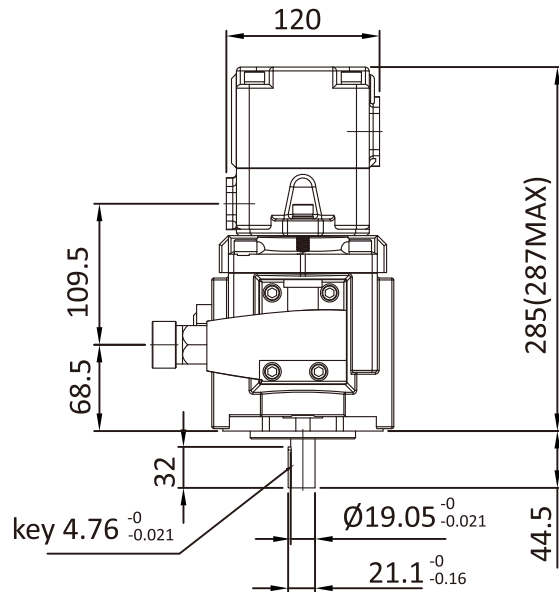
- ① KPV 型號：高壓變量葉片泵
- ② 流量 (cm³/rev)：8,12,16,20,23
- ③ F：單座壓力閥
- ④ 壓力級數
1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)
2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)
3：2.5~25 Mpa (25.5~255.0 Kgf/cm²)
- ⑤ A：SAE-A 規格，Ø 82.55 安裝

- ⑥ 轉速
12：1200 rpm
15：1500 rpm 18：1800 rpm
- ⑦ 轉軸
01：Ø 19.05 (長鍵)
02：SAE-A - 9 Tooth Splined 16/32 dp
- ⑧ 管口牙規格
01：S=RC 3/4" P=RC 1/2" DR=RC 3/8"
02：S=#16 SAE P=#12 SAE, DR=#8 SAE

⑨

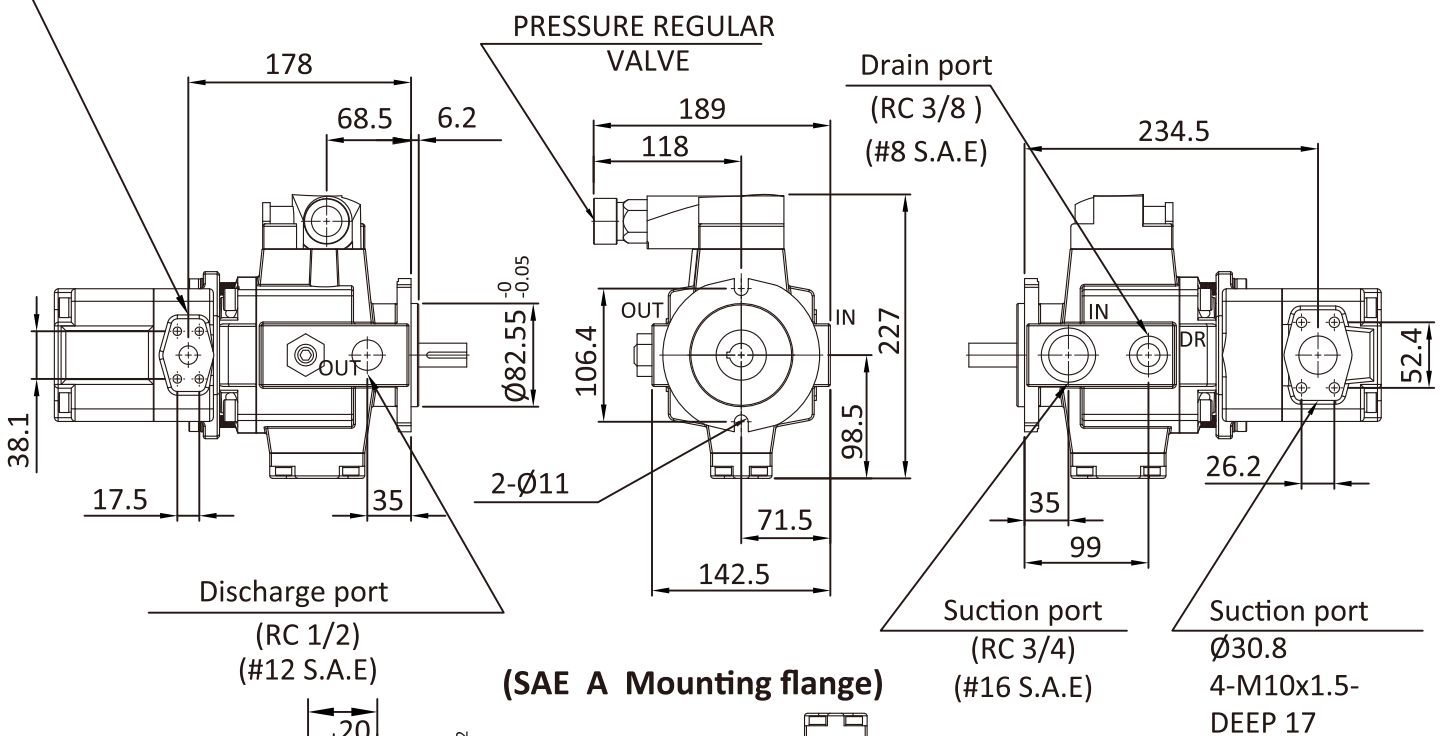
Model		Delivery Flow (l/min) at no-load pressure 無負壓的傳輸流量				Running Speed (rpm) 轉速		Max Pressure (Kgf /cm ²) 最大壓力	
		Running Speed (rpm) 轉速				Max	Min	Cont.	Peak
		1000	1200	1500	1800				
VQ15	06	6.2	7.4	9.3	11.2	1800	800	210	240
	08	8.1	9.7	12.1	14.6				
	11	11.2	13.4	16.8	20.1				
	14	14.3	17.1	21.5	25.7				
	17	17.1	20.5	25.6	30.7				
	19	19.2	23.0	28.8	34.5				
	23	23.3	27.9	34.9	41.9				
	26	26.1	31.3	39.1	46.9				
	31	31.1	37.3	46.6	-	1500		175	230
	38	38.1	45.6	-	-	1200		175	

KPV-08+VQ15 *
KPV-12+VQ15 *
KPV-16+VQ15 *
KPV-20+VQ15 *
KPV-23+VQ15 *



NO.01-Shaft

Discharge port
 $\varnothing 15$
 4-M8X1.25-DEEP 17

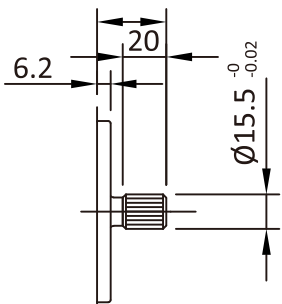


Discharge port
 (RC 1/2)
 (#12 S.A.E)

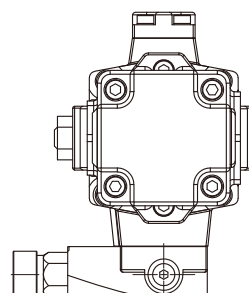
(SAE A Mounting flange)

Suction port
 (RC 3/4)
 (#16 S.A.E)

Suction port
 $\varnothing 30.8$
 4-M10x1.5-
 DEEP 17



Diametral Pitch : 16/32
 Pressure Angle : 30°
 No. of Teeth : 9
 Available on "A" Cover only
NO.02-Shaft



Shock Clipper port
 (RC 1/4) , (#6 S.A.E)

* Shock Clipper port
 Should be plumbed
 to tank to activate
 shock clipper

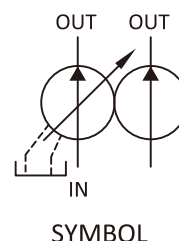
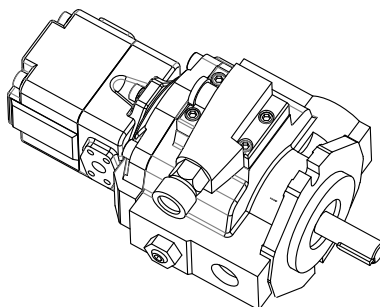
* (須接獨立油管回油箱)

KPV-25+VQ15 *

KPV-32+VQ15 *

KPV-36+VQ15 *

KPV-40+VQ15 *



Features 特點

- ❖ 高壓變量與高壓定量組合泵,油壓系統設計更彈性。
- ❖ 高壓變量單元,採固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高;。
- ❖ 噪音低,高效率,高性能,提高耐磨,耐疲勞及高抗汙性能。

Model	Pump Capacity (cm ³ /rev)		Operating Pressure Mpa (Kgf/cm ²)		Weight (Kg)
	P1	P2	P1	P2	
KPV25~40+VQ15	25,32 36,40	⑨	1.5~21 (15.3~214.2)	⑨	39.2

Ordering Code 訂購指引

KPV - 36 - F - 1 - B12 - 01 - 01 - VQ15 - 17

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① KPV 型號：高壓變量葉片泵

② 流量 (cm³/rev)：25,32,36,40

③ F：單座壓力閥

④ 壓力級數

1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)

2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)

⑤ B：SAE-B 規格，Ø 101.6 安裝

⑥ 轉速

12：1200 rpm

15：1500 rpm

18：1800 rpm

⑦ 轉軸

01：Ø 22.23 (長鍵)

02：SAE-B - 13 Tooth Splined 16/32 dp

⑧ 管口牙規格

01：S=RC 1/4" P=RC 1" DR=RC 3/8"

02：S=#24 SAE P=#16 SAE, DR=#8 SAE

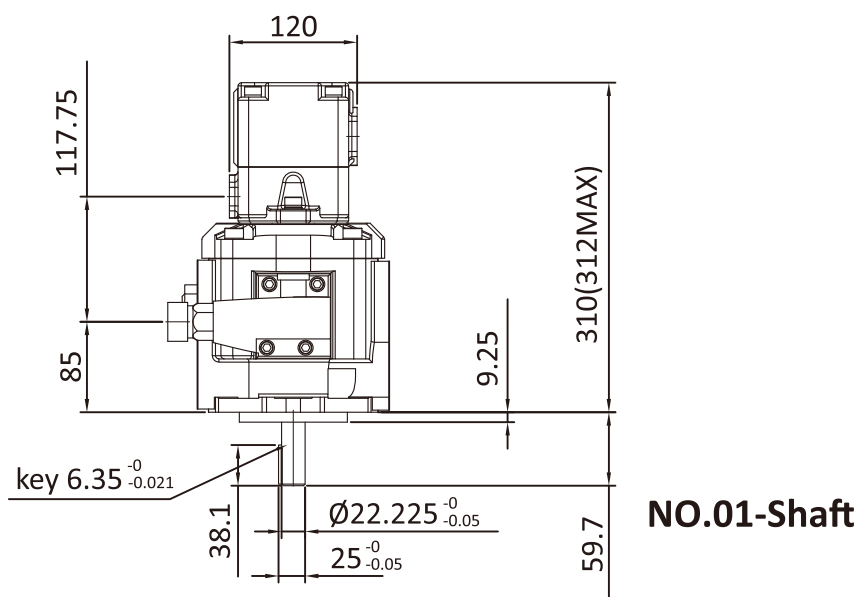
Model		Delivery Flow (l/min) at no-load pressure 無負壓的傳輸流量				Running Speed (rpm) 轉速		Max Pressure (Kgf /cm ²) 最大壓力	
		Running Speed (rpm) 轉速				Max	Min	Cont.	Peak
		1000	1200	1500	1800				
⑨ VQ15	06	6.2	7.4	9.3	11.2	1800	800	210	240
	08	8.1	9.7	12.1	14.6				
	11	11.2	13.4	16.8	20.1				
	14	14.3	17.1	21.5	25.7				
	17	17.1	20.5	25.6	30.7				
	19	19.2	23.0	28.8	34.5				
	23	23.3	27.9	34.9	41.9				
	26	26.1	31.3	39.1	46.9				
	31	31.1	37.3	46.6	-	1500		175	230
	38	38.1	45.6	-	-	1200		175	

KPV-25+VQ15 *

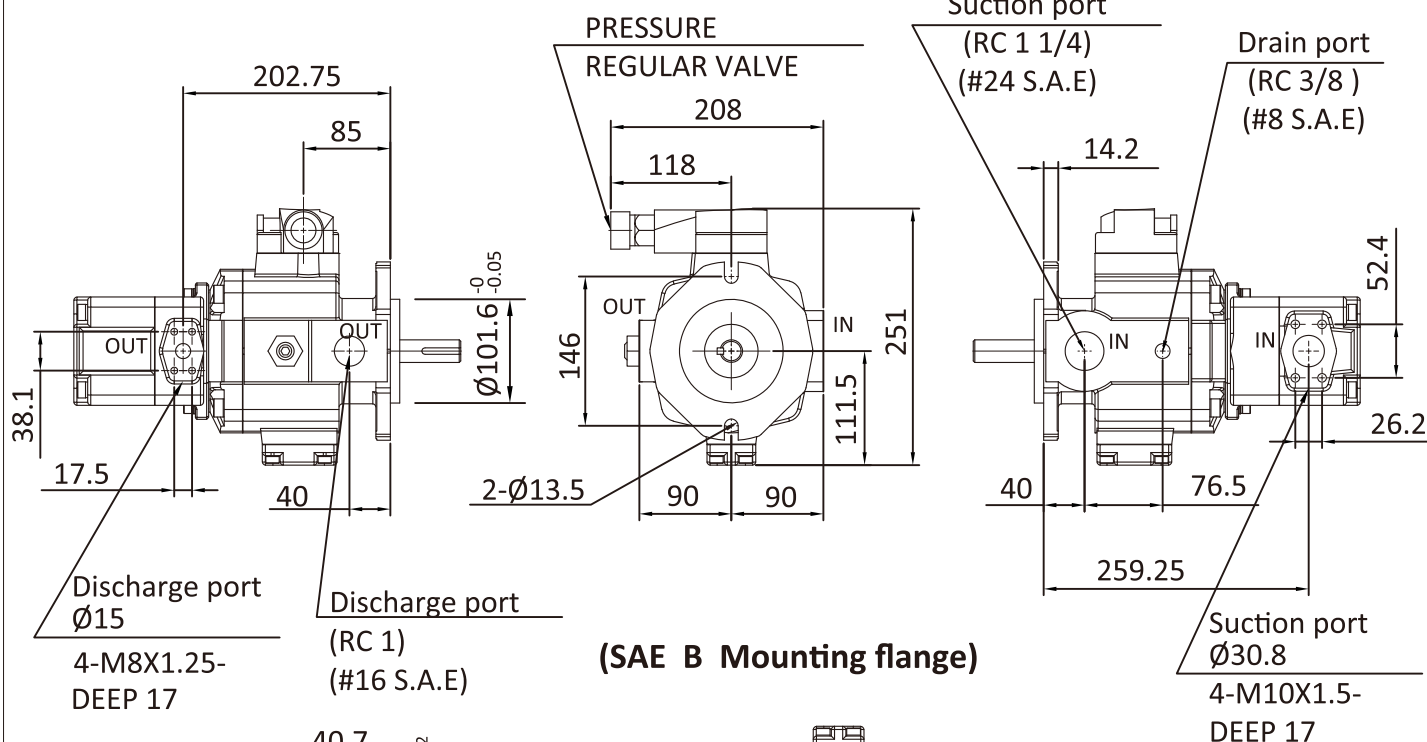
KPV-32+VQ15 *

KPV-36+VQ15 *

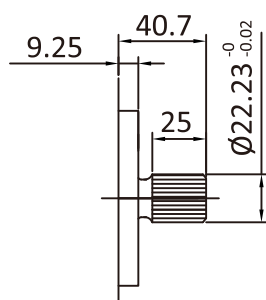
KPV-40+VQ15 *



NO.01-Shaft

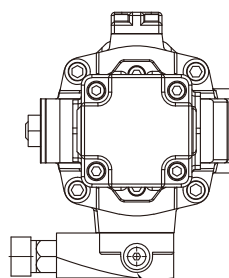


(SAE B Mounting flange)



SAE-B splined shaft
Diametral Pitch : 16/32
Pressure Angle : 30°
No. of Teeth : 13

NO.02-Shaft



- * Shock Clipper port
Should be plumbed
to tank to activate
shock clipper

Shock Clipper port
(RC 1/4) , (#6 S.A.E)

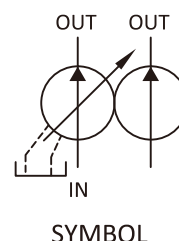
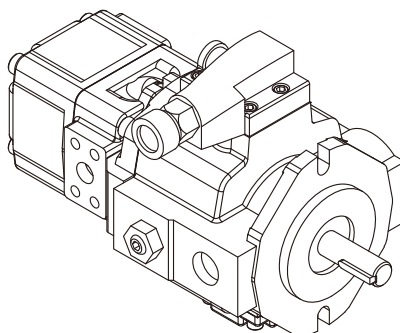
* (須接獨立油管回油箱)

KPV-25+DVQ20 *

KPV-32+DVQ20 *

KPV-36+DVQ20 *

KPV-40+DVQ20 *



Features 特點

- ❖ 高壓變量與高壓定量組合泵,油壓系統設計更彈性。
- ❖ 高壓變量單元,採固定及活動雙軸環設計,內軸環作動滑順靈敏,穩定性高;。
- ❖ 噪音低,高效率,高性能,提高耐磨,耐疲勞及高抗汙性能。

Model	Pump Capacity (cm ³ /rev)		Operating Pressure Mpa (Kgf/cm ²)		Weight (Kg)
	P1	P2	P1	P2	
KPV25~40+DVQ15	25,32 36,40	⑨	1.5~21 (15.3~214.2)	⑨	40.5

Ordering Code 訂購指引

KPV - 36 - F - 1 - B12 - 01 - 01 - DVQ20 - 26

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

- ① KPV 型號：高壓變量葉片泵
- ② 流量 (cm³/rev)：25,32,36,40
- ③ F：單座壓力閥
- ④ 壓力級數
1：1.5~14 Mpa (15.3~142.8 Kgf/cm²)
2：2.0~21 Mpa (20.4~214.2 Kgf/cm²)
- ⑤ B：SAE-B 規格，Ø 101.6 安裝
- ⑥ 轉速
12：1200 rpm
15：1500 rpm
18：1800 rpm
- ⑦ 轉軸
01：Ø 22.23 (長鍵)
02：SAE-B - 13 Tooth Splined 16/32 dp
- ⑧ 管口牙規格
01：S=RC 1/4" P=RC 1" DR=RC 3/8"
02：S=#24 SAE, P=#16 SAE, DR=#8 SAE

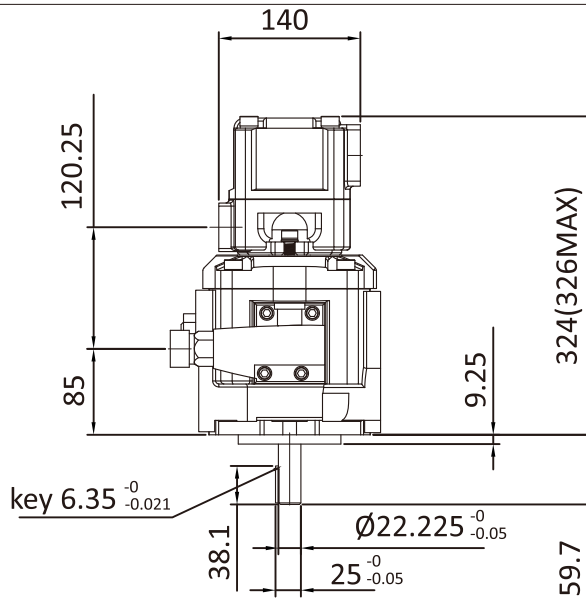
Model		Delivery Flow (l/min) at no-load pressure 無負壓的傳輸流量				Running Speed (rpm)		Max Pressure(Kgf /cm²)	
		Running Speed (rpm) 轉速				轉速		最大壓力	
		1000	1200	1500	1800	Max	Min	Cont.	Peak
DVQ20	06	6.2	7.4	9.3	11.2	1800	800	210	260
	08	8.1	9.7	12.1	14.6				
	11	11.2	13.4	16.8	20.1				
	14	14.3	17.1	21.5	25.7				
	17	17.1	20.5	25.6	30.7				
	19	19.2	23.0	28.8	34.5				
	23	23.3	27.9	34.9	41.9				
	26	26.1	31.3	39.1	46.9				
	32	32.1	38.3	47.6	-	1500	175	240	
	34	34.1	40.8	50.4	-				
	38	38.1	45.9	-	-	1200			210
	44	44.1	52.9	-	-				

KPV-25+DVQ20 *

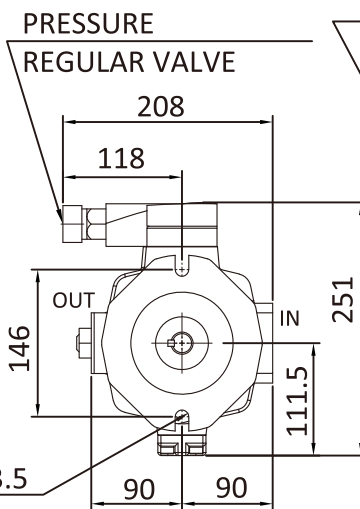
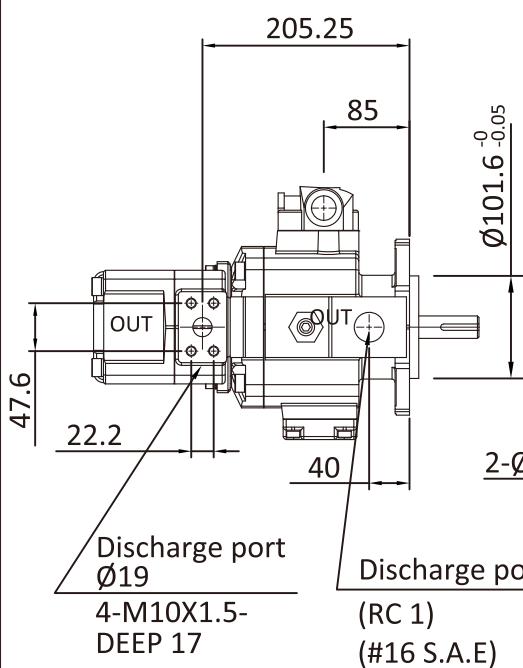
KPV-32+DVQ20 *

KPV-36+DVQ20 *

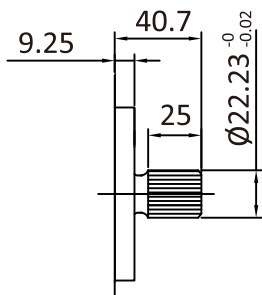
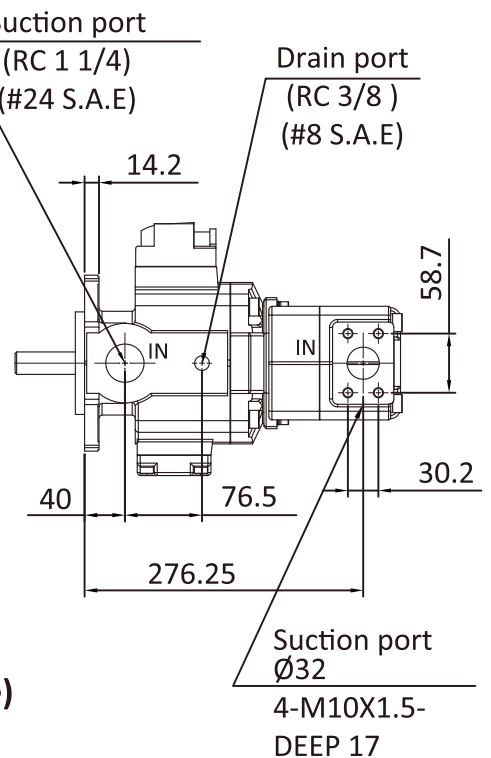
KPV-40+DVQ20 *



NO.01-Shaft

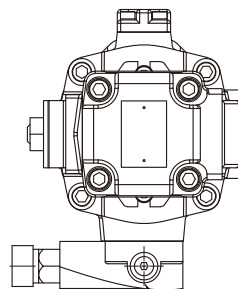


(SAE B Mounting flange)



SAE-B splined shaft
Diametral Pitch : 16/32
Pressure Angle : 30°
No. of Teeth : 13

NO.02-Shaft



* Shock Clipper port
Should be plumbed
to tank to activate
shock clipper

Shock Clipper port
(RC 1/4) , (#6 S.A.E)

* (須接獨立油管回油箱)