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Пластинчатые насосы высокого давления VI-9 серии KPV

BI-9 高壓變量葉片泵

KPV High Pressure Variable Vane Pump

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



特點 FEATURES

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

1. Pressure plate has been processed wear-resistant, fatigue-resistant and anti-fouling treatment, greatly improves wear-resistant, fatigue-resistant and high anti-fouling performance.
2. The inner collar use fixed and movable double collar design so it can operate smooth and sensitive with stability.
3. Make shock pressure eliminate compensation design, small pulsating impact.
4. Low noise, high efficiency, high performance.
5. The material of the collar is made of special alloy steel, with long life.
6. Installation with SAE specifications, in line with international universal specifications.

訂購指引 HOW TO ORDER

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 KPV High Pressure Variable Vane Pump
2	排量Displacement (cm³/rev):8,12,16,20,23
3	F:單座壓力閥 F:single pressure valve
4	壓力調整範圍 1: 1.5 ~ 14 Mpa (15.3 ~ 142.8 kg/cm²) Pressure 2: 2.0 ~ 21 Mpa (20.4 ~ 214.2 kg/cm²) Adj Range 3: 3.2.5 ~ 25 Mpa (25.5 ~ 255.0 kg/cm²)
5	安裝法蘭 A:SAE-A規格、Φ82.55安裝 Flange Mounting=A:SAE-A,Φ82.55(mounting)

6	轉速 12: 1200 rpm Speed 15: 1500 rpm Range 18: 1800 rpm
7	轉軸 01:Ø19.05(方形鍵KEYED) Shaft 02:SAE-A-9-Teeth Spline 16/32dp
8	管口牙規格 01: S=RC3/4 ,P=RC1/2 ,DR=RC3/8 Thread 02: S=#16S.A.E P=#12 S.A.E Type DR=#8 S.A.E

型號 Model	排量 Displacement (cm³/rev)	壓力調整範圍 Pressure Adj Range Mpa (Kgf/cm²)	最高使用壓力 Max. Pressure Mpa (Kgf/cm²)	無載流量率 No-load discharge Rate(l/min)		重量 Weight (Kg)
				50HZ	60HZ	
KPV-8	8	1:1.5 ~ 14 Mpa (15.3 ~ 142.8 kg/cm²)	30 (306)	12	14.4	16
KPV-12	12	2:2.0 ~ 21 Mpa (20.4 ~ 214.2 kg/cm²)		18	21.6	
KPV-16	16	3:2.5 ~ 25 Mpa (25.5 ~ 255.0 kg/cm²)		24	28.8	
KPV-20	20			30	36.0	
KPV-23	23			34.5	41.4	

KPV-25
KPV-32
KPV-36
KPV-42



特點 FEATURES

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

1. Pressure plate has been processed wear-resistant, fatigue-resistant and anti-fouling treatment, greatly improves wear-resistant, fatigue-resistant and high anti-fouling performance.
2. The inner collar use fixed and movable double collar design so it can operate smooth and sensitive with stability.
3. Make shock pressure eliminate compensation design, small pulsating impact.
4. Low noise, high efficiency, high performance.
5. The material of the collar is made of special alloy steel, with long life.
6. Installation with SAE specifications, in line with international universal specifications.

訂購指引 HOW TO ORDER

KPV	-	25	-	F	-	01	-	B	12	-	01	-	01
1	2	3	4	5	6	7	8						

1	KPV 型號:高壓變量葉片泵 KPV High Pressure Variable Vane Pump
2	排量Displacement (cm³/rev): 25,32,36,42
3	F:單座壓力閥 F:Single pressure valve
4	壓力調整範圍 01:1.5 ~ 14 Mpa (15.3 ~ 142.8 kg/cm²) Pressure 02: 2.0 ~ 21 Mpa (20.4 ~ 214.2 kg/cm²) Adj Range
5	安裝法蘭 B:SAE-B規格、Φ101.6安裝 Flange Mounting=B:SAE-B,Φ101.6(mounting)

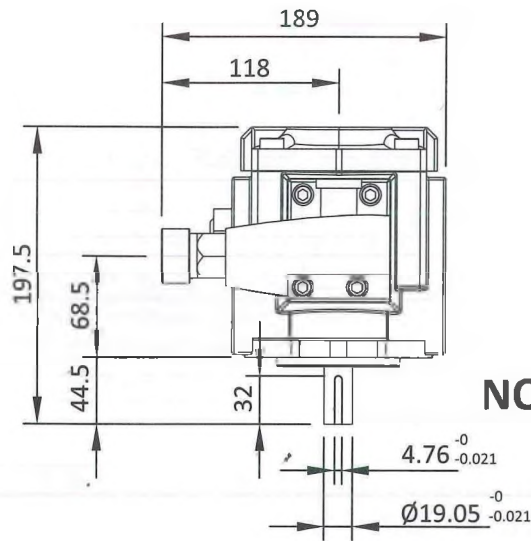
6	轉速 12: 1200 rpm Speed 15: 1500 rpm Range 18: 1800 rpm
7	轉軸 01:Ø22.23(方形鍵KEYED) Shaft 02:SAE-B-13-Tooth Spline 16/32dp
8	管口牙規格 01: S=RC 1/4 ,P=RC1 ,DR=RC3/8 Thread 02: S=#24S.A.E P=#16 S.A.E Type DR=#8 S.A.E

型號 Model	排量 Displacement (cm³/rev)	壓力調整範圍 Pressure Adj Range Mpa (Kgf/cm²)	最高使用壓力 Max. Pressure Mpa (Kgf/cm²)	無載流量率 No-load discharge Rate(l/min)		重量 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-42	42			63	75.6	

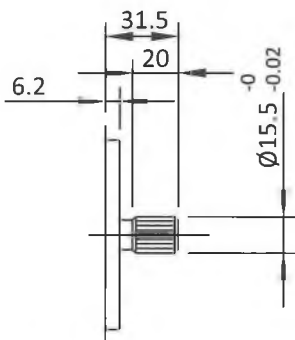
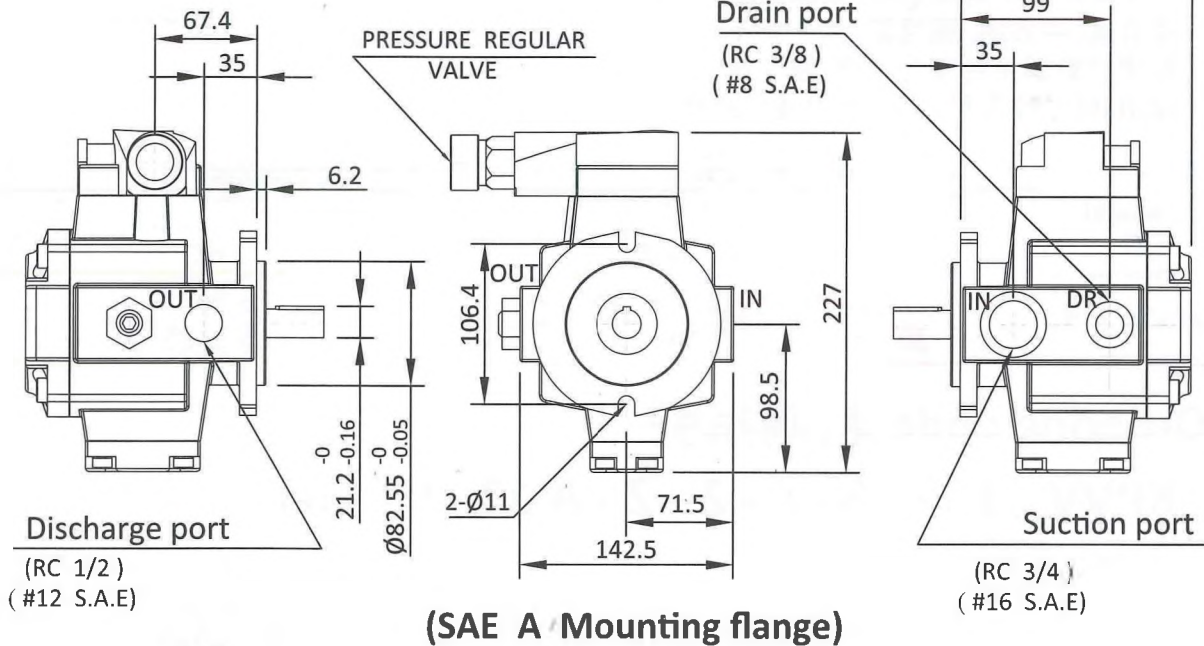
KPV SERIES

Variable Vane Pump Dimensional Drawing

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

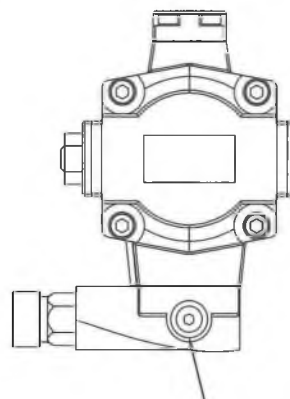


NO.01-Shaft



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

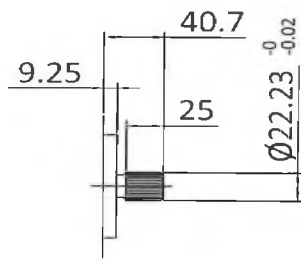
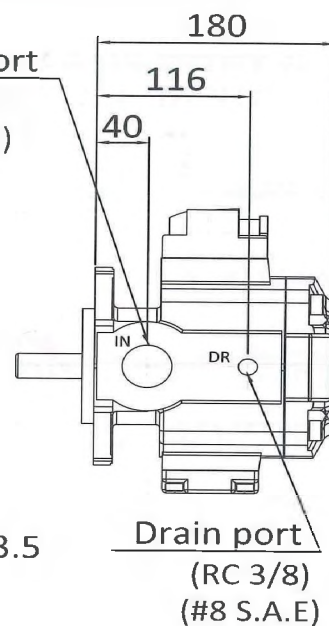
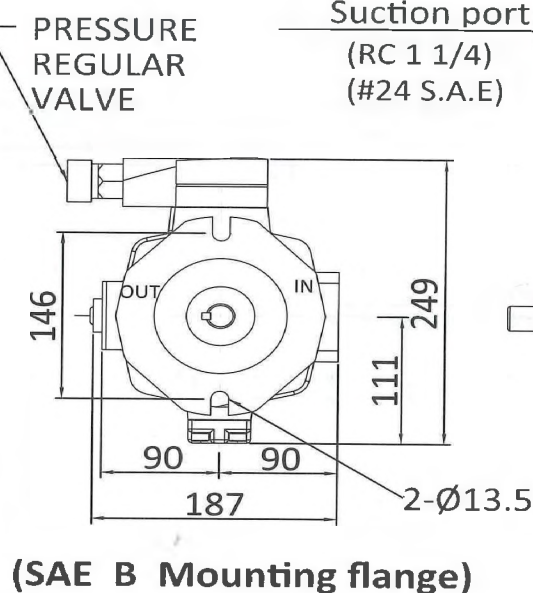
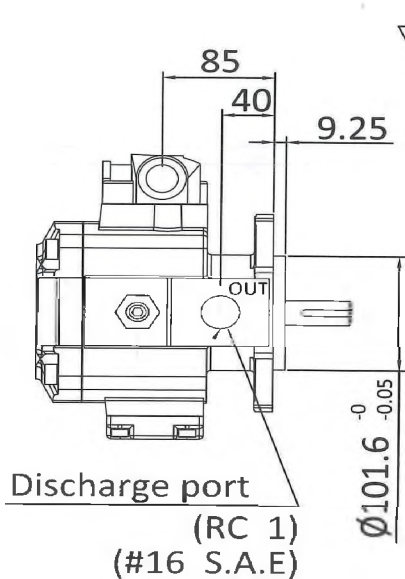
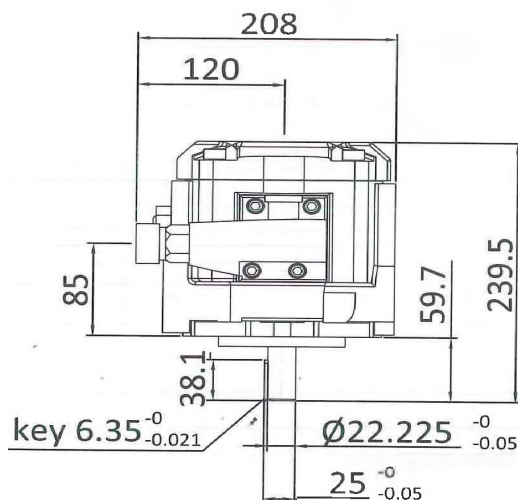
(RC 1/4) , (#6 S.A.E)

* (須接獨立油管回油箱)

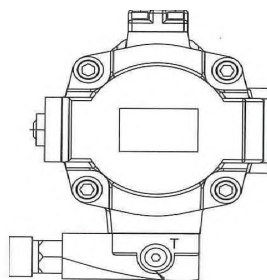
KPV SERIES

Variable Vane Pump Dimensional Drawing

KPV-25
KPV-32
KPV-36
KPV-42



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

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