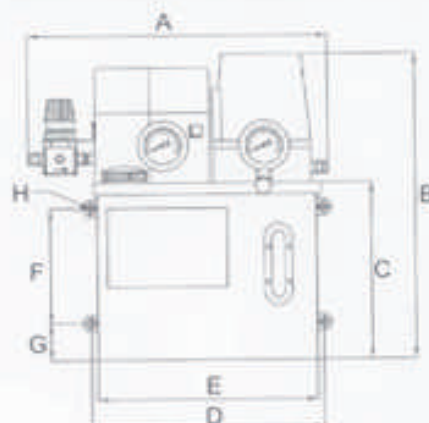


油霧潤滑給油機 OIL FEEDER OF MIST LUBRICATION

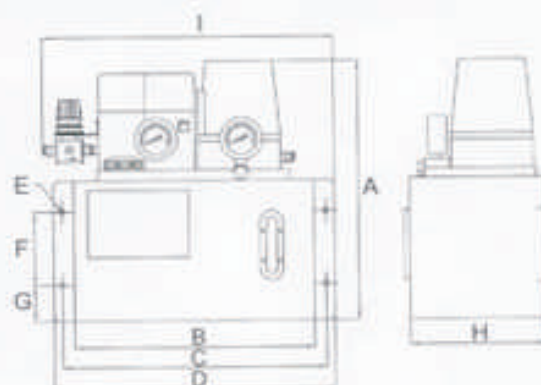
TKS-8 4.6L



A	316mm
B	300mm
C	185mm
D	250mm
E	235mm
F	125mm
G	40mm
H	4-φ7mm
I	156mm

油霧潤滑給油機 OIL FEEDER OF MIST LUBRICATION

TKS-8 8L



A	305mm
B	308mm
C	335mm
D	360mm
E	4-φ7mm
F	95mm
G	47mm
H	185mm
I	370mm

■ 說明

1. 設有油位檢知器，可清楚了解儲油狀況。
2. 給油機與風壓出口設有壓力表及風壓表。
3. 設有多道過濾裝置以保持油品質。
4. 以容積式定量給油，可保持油量穩定度。
5. 使用油品黏度：ISO VG 30~68

■ Description

1. The feeder has a sensor for indicating the oil volume.
2. Both of the outlets of oil and air are installed with pressure gages.
3. There are many filters are installed to keep the oil clean.
4. The feeder injects the oil quantitatively to keep the oil supply stably.
5. Viscosity of oil: ISO VG 30~68.

規格 SPECIFICATION

型 式 Type		TKS-8		TKS-8E		TKS-8AE	
最大流量 Max. flow		250cc/min		250cc/min		250cc/min	
油壓 Oil pressure		2~15kg/cm ²		12~15kg/cm ²		12~15kg/cm ²	
最高風壓 Air Max. pressure		3~5kg/cm ²		3~5kg/cm ²		3~5kg/cm ²	
浮球開關 Float switch		●		●		●	
油箱 Oil tank	容量 Capacity	4.6L	8L	4.6L	8L	4.6L	8L
	材質 Material	鋁製	鈑金	鋁製	鈑金	鋁製	鈑金
管路壓力訊號裝置 Oil pipe pressure signal		可自由選配 Take your choice					
釋壓保護裝置 Pressure protection device		●		●		●	
潤滑時間 Lubrication timing (sec)						1~180sec	
間歇時間 Intermittent timing (sec)						1~180sec (min)	
電壓 Voltage (50/60Hz) Single phase		110V 220V單向		110V 220V單向		110V 220V單向	
馬達出力功率 Consumption power		45W		45W		45W	
脫壓裝置(E) Pressure relief device				●		●	
接頭口徑 Joint bore		4φ or 6φ		4φ or 6φ		4φ or 6φ	
備註 Remark							

■ 訂購碼 (Order code)

TKS-8A E S - C I V I

電壓 (Volt) 1:110V
2:220V

油箱容量 (Oil tank capacity) 1:4.6L
2:8L

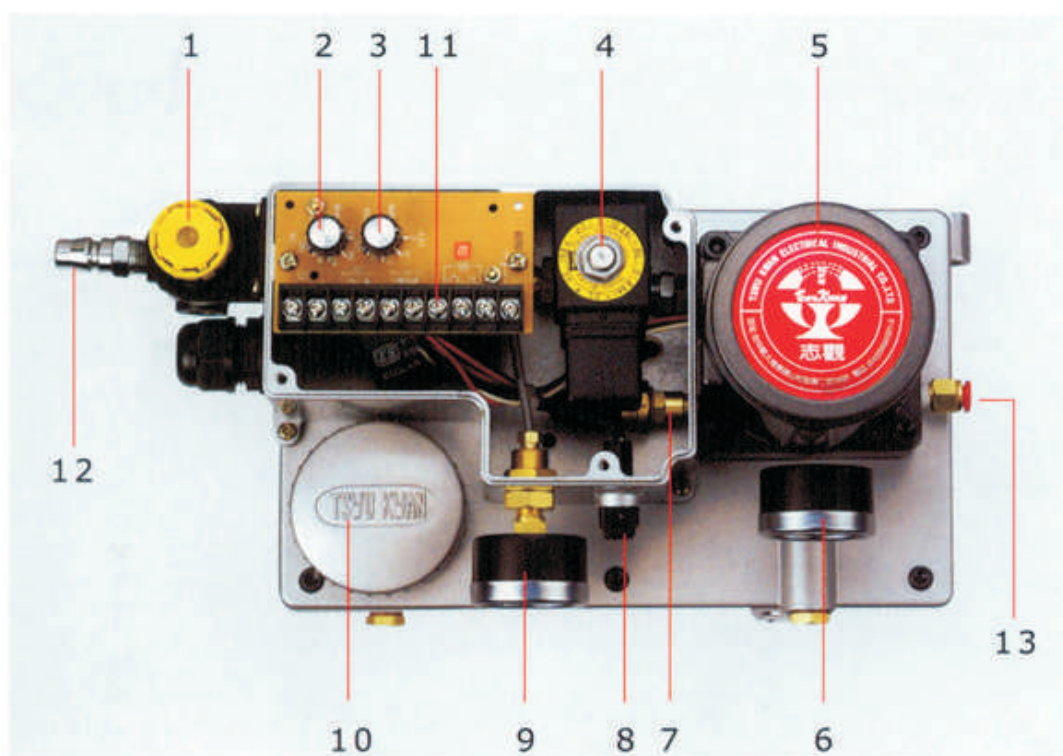
壓力開關 (Pressure switch)
S:附壓力開關 (With pressure switch)
無記號 (No mark):無壓力開關 (No pressure switch)

脫壓裝置 (Pressure relief device)
E:附脫壓裝置 (With pressure relief device)
無記號 (No mark):無脫壓裝置 (No pressure relief device)

計時器 (Timer)
A:附計時器 (With timer)
無記號 (No mark):無計時器 (No timer)

TKS-8A 油霧潤滑給油機內視圖

INTRAVIEW OF MIST LUBRICATING OIL-FEED MACHINE



1. 氣壓調整器 Air pressure adjustment
2. 潤滑時間 Lubrication timing
3. 間歇時間 Intermittent timing
4. 電磁閥 Solenoid valve
5. 馬達 Motor
6. 油壓表 Oil pressure
7. 壓力開關 Pressure switch

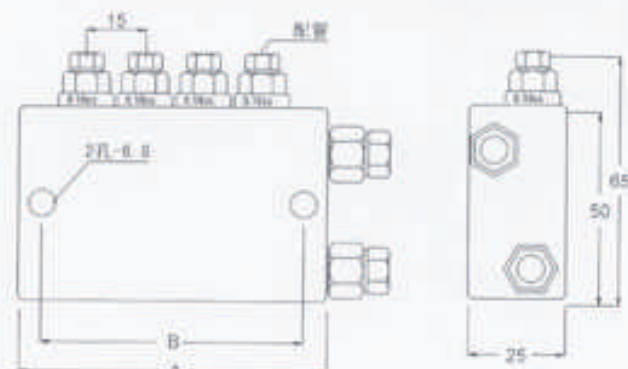
8. 給油鍵 Oil-feed key
9. 風壓表 Air pressure
10. 注油口 Oil inlet
11. 端子座 Terminal base
12. 進風口 Air inlet
13. 出油口 Oil outlet

油霧容積分配閥 MIST CONTENT DISTRIBUTING VALVE

TKL



※注：本油霧分配閥搭配脫壓式給油機使用。
 ※Note: The mist-distributing valve is used on the oil feeder with pressure relief.



■ 說明

潤滑油經由給油機送進油霧分配閥入油口，而風壓則由分配閥上方送入空氣。潤滑油在與氣體的碰撞下產生混合，而形成油霧。油氣，在由分配閥噴向加工物表面，產生潤滑及冷卻效果。油霧混合閥可因工作面之大小，所需油量不同而隨時更換。

■ Description

The oil feeder injects the lubrication oil into the oil inlet of the mist-distributing valve, and air is compressed into the above inlet of the valve. The oil will mix with air to form the mist and then the mist will spray out to lubricate and cool the surface of workpiece. The different size of the mist-distributing valve can be changed for the requirements of different machining surface and oil quantity.

■ 訂購碼 (Order code)

TKL- 3 - 1 2 3

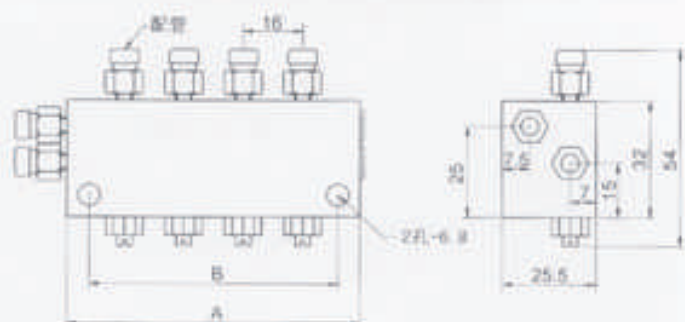
- 第3孔出油量編號 (0.10cc) The 3rd outlet spraying volume No.
- 第2孔出油量編號 (0.06cc) The 2nd outlet spraying volume No.
- 第1孔出油量編號 (0.03cc) The 1st outlet spraying volume No.
- 出口數 (No. of outlet)

註：出口數由入油口至出油口編號 Remark: Outlet No. count from in to out.

型 式 Type	出口數 No. of outlet	A	B	油 壓 Oil pressure (kg/cm ²)	空 壓 Air pressure (kg/cm ²)	出油量編號 No. of spraying volume	
TKL-1	1	34	22	12-15	3-7	編號 No.	出油量 spraying volume (cc/stroke)
TKL-2	2	48	36			1	0.03cc
TKL-3	3	64	52			2	0.06cc
TKL-4	4	79	67			3	0.10cc
TKL-5	5	96	84			4	0.13cc
TKL-6	6	110	98			5	0.16cc

油霧調整分配閥 OIL MIST ADJUSTING DISTRIBUTING VALVE

TKH

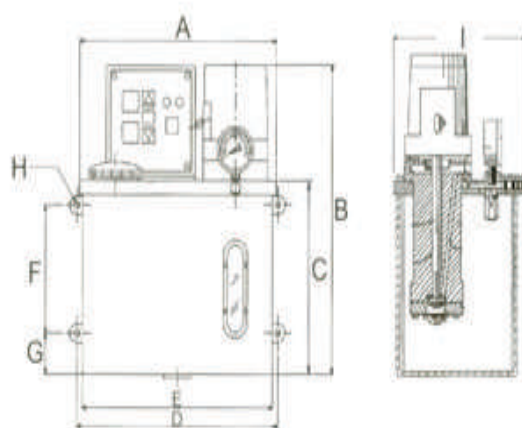


型 式 Type	出口數 No. of outlet	A	B	油 壓 Oil pressure (kg/cm ²)	空 壓 Air pressure (kg/cm ²)
TKH-1	1	34	22	3-15	3-7
TKH-2	2	48	36		
TKH-3	3	64	52		
TKH-4	4	79	67		
TKH-5	5	96	84		
TKH-6	6	110	98		

電動潤滑給油機

ELECTRICAL LUBRICATION OIL-FEED MACHINE

TK-1006A 4.6L

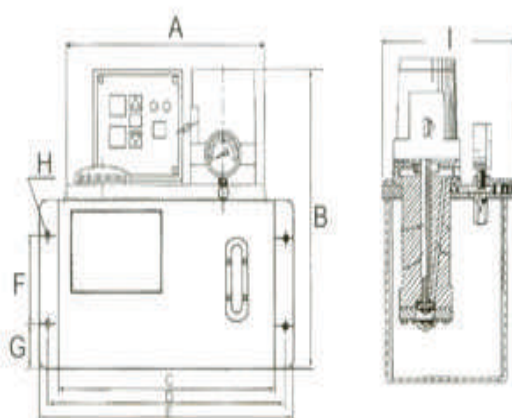


A	245mm
B	300mm
C	185mm
D	250mm
E	235mm
F	125mm
G	40mm
H	4- ϕ 7mm
I	156mm

電動潤滑給油機

ELECTRICAL LUBRICATION OIL-FEED MACHINE

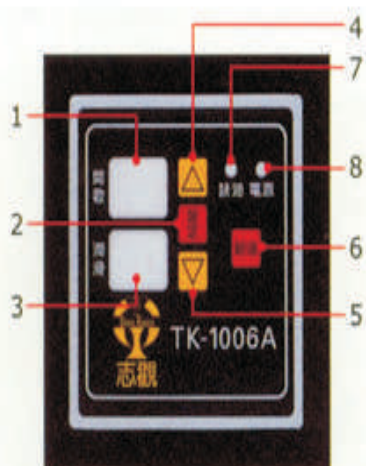
TK-1006A 8L



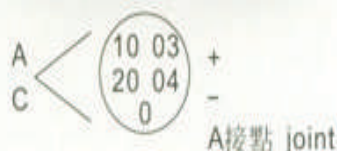
A	360mm
B	308mm
C	185mm
D	335mm
E	310mm
F	95mm
G	47mm
H	4- ϕ 7mm
I	185mm

面板說明

PANEL EXPLANATION



- 1."間歇"字幕: 間歇計時字幕, 計時範圍: 01~99分鐘。
- 2."潤滑"字幕: 潤滑計時字幕, 計時範圍: 01~99秒。
- 3.計時設定鍵: 按一次本鍵,可設定潤滑計時值, 再按一次, 可設定間歇計時值。當設定潤滑或間歇計時值時, 只有相對之字幕會亮。
- 4.5 ☒ ☐ 鍵: 按下兩鍵, 供調整新計時值(持續按住 ☒ 或 ☐ 鍵時, 可快速增加或減少計時值。)
- 6.給 油 鍵: 按下此鍵, 可強迫泵動作。
- 7.缺 油: 油箱缺油顯示燈, 當缺油時立刻停止所有的動作, 兩個字幕則顯示計時設定值。
- 8.電 源: 電源ON指示燈。



- 1.Caption"Intermittent": Intermittent timing caption, range from:01~99mins.
- 2.Caption"Lubricating": Lubricating timing caption, range from:01~99secs.
- 3.Time-setting key: Press this key one time to set the lubrication timing, and press again to set intermittent timing. Only the relative caption will be lighted when set lubrication timing or intermittent timing.
- 4.5 ☒ ☐ key: Press 2 key for adjusting new timing. (It will increase or decrease rapidly the timing when keep on pressing ☒ or ☐ key.)
- 6.Oil-feed key: Press this key to force the pump to act.
- 7.Shortage of oil: Oil-short indicating light of oil box, 2 captions will show the time-setting when it's short of oil and all action will be stop right away.
- 8.Power: Power on indicating lamp.

TK-1006A 特點 FEATURES

1. 本電動潤滑給油機係以一控制電路設定間歇潤滑，由於微處理器配合迴邊電路之驅動顯示，得精確設定潤滑及間歇之工作時間，俾提高機件潤滑之執行效率，且該潤滑及間歇時間可由控制面板上之顯示器及按鈕開關顯示設定，使得工作人員充分掌握潤滑之執行過程。
2. 本電動給油機除油泵本體外所設計隱藏式單一油路，並無其他管路構件浸於集油箱內，遂當集油箱及控制裝置欲進行清洗時，該單純的管路配置的更利於清洗，且由於管路單純，無其他繁複構件交錯，故不虞於工作期間產生震動碰撞，從而得有效降低工作噪音。
3. 本壓力微調閥係設於集油箱外，得徹底改善昔用裝置設定集油箱內造成調整不便之缺點。

■ Description

1. This electric lubricating oil-feed machine setting lubricating intermittent period with the electric circuit control, due to the display of microprocessor coordinating with the peripheral circuit's drive, it must be set precisely the working time of the lubrication & intermittent for raising the execution rate of lubrication & the setting time of lubrication & intermittent can be showed from the telltale of control face plate & the key switch. This can make the operators know well the execution process of lubrication fully.
2. And except the concealed single oil way designed of this electric oil-feed Machine's oil-eliminating pump, there haven't any parts of line piping to be soaked in the drip box, so, it's easy to clean drip box & control device, the simple piping layout should be more favourable to be cleaned, and due to the line piping is simple, no other complicated parts to crisscross, therefore, it'll not happen to vibrate & collide in work period to lower working noise effectively.
3. The pressure micro-regulated valve of this creation is designed to place in the outside of the drip box, so this can improve completely the defect of adjusting inconveniently in drip box's inside being set by practice device.



規格 SPECIFICATION

型 式 Type	TK-1006A	TK-1006AE
最大流量 Max. flow	300cc/min	300cc/min
壓力 pressure	5~15kg/cm ²	12~15kg/cm ²
浮球開關 Float switch	●	●
油箱容量 Oil tank capacity		
管路壓力訊號裝置 Oil pipe pressure signal		
釋壓保護裝置 Pressure protection device		
潤滑時間 Lubrication timing (sec)	1~99秒(sec)	1~99秒(sec)
間歇時間 Intermittent timing (min)	1~99分(min)	1~99分(min)
電壓 Voltage (50/60Hz) Single phase	110V 200V單向	110V 200V單向
馬達出力功率 Consumption power	45W	45W
脫壓裝置(E) Pressure relief device		●
接頭口徑 Joint dia.	4φ or 6φ	4φ or 6φ
備注 Remark	配合比例式油排使用 Use proportional oil distribution	配合容積式油排使用 Use content type oil distribution

■ 訂購碼 (Order code)

TK-1006A E - C I V I

電壓 (Volt) 1:110V
2:220V

油箱容量 (Oil tank capacity) 1:4.6L
2:8L

脫壓裝置 (Pressure relief device)

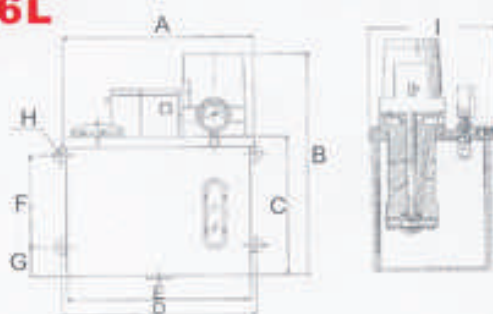
E:附脫壓裝置 (With pressure relief device)

無記號 (No mark):無脫壓裝置 (No pressure relief device)

電動潤滑給油機 ELECTRICAL LUBRICATION OIL-FEED MACHINE



TK-1006 4.6L

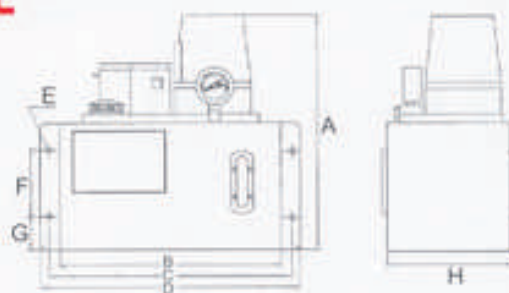


A	245mm
B	300mm
C	185mm
D	250mm
E	235mm
F	125mm
G	40mm
H	4-φ7mm
I	156mm

電動潤滑給油機 ELECTRICAL LUBRICATION OIL-FEED MACHINE



TK-1006 8L



A	305mm
B	308mm
C	335mm
D	360mm
E	4-φ7mm
F	95mm
G	47mm
H	185mm

TK-1006 特點 FEATURES

在設計操作容易為原則，採用特殊內外齒輪耐磨傳動雜音小，吸油力強並設定壓保護裝置。可配合機械之整體設計，有效應用於各種機械結構之潤滑點，並可發揮強制給油之功能。

Designed by using special wear resistant ext. & int. gears for easy operation, low noise and high oil sucking capability during operation, pressure steadiness protect or equipped, can be coordinated with the structure design of the machine and the PC circuit to lubricate every friction point of the machine structure effectively and also having the function of force lubricating.

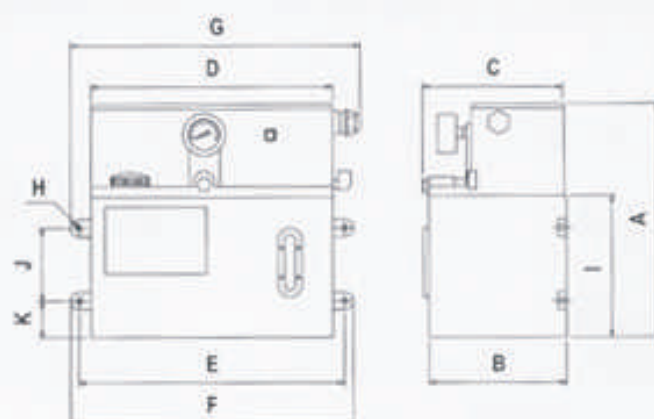
規格 SPECIFICATION

型 式 Type	TK-1006	TK-1006E
最大流量 Max. flow	300cc/min	300cc/min
壓力 pressure	5~15kg/cm ²	12~15kg/cm ²
浮球開關 Float switch	●	●
油箱容量 Oil tank capacity	4.6L 8L	
管路壓力訊號裝置 Oil pipe pressure signal	可自由選配 Take your choice	
標壓保護裝置 Pressure protection device	●	●
潤滑時間 Lubrication timing (sec)		
間歇時間 Intermittent timing (min)		
電壓 Voltage (50/60Hz) Single phase	110V 200V單向	110V 200V單向
馬達出力功率 Consumption power	45W	45W
脫壓裝置(E) Pressure relief device		●
接頭口徑 Joint dia	4φ or 6φ	4φ or 6φ
備注 Remark	配合比例式油排使用 Use proportional oil distribution	配合容積式油排使用 Use content type oil distribution

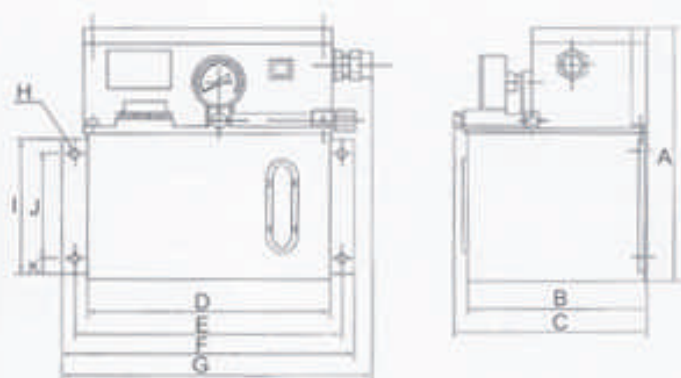
■ 訂購碼 (Order code)

TK-1006 E S - C I V I

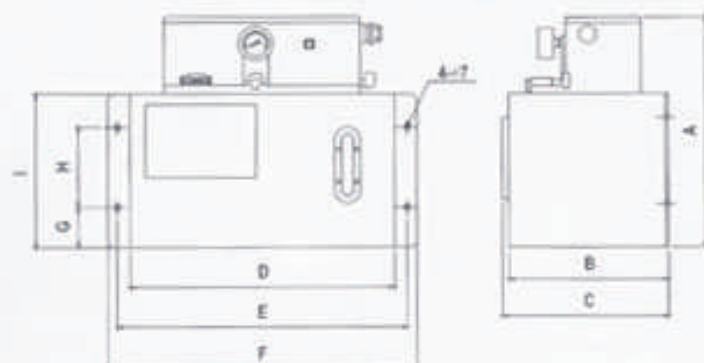
- 電壓 (Volt) 1:110V 2:220V
- 油箱容量 (Oil tank capacity) 1:4.6L 2:8L
- 壓力開關 (Pressure switch)
- S:對壓力開關 (With pressure switch)
- 無記號 (No mark):無壓力開關 (No pressure switch)
- 脫壓裝置 (Pressure relief device)
- E:對脫壓裝置 (With pressure relief device)
- 無記號 (No mark):無脫壓裝置 (No pressure relief device)

電動潤滑給油機**ELECTRICAL LUBRICATION OIL-FEED MACHINE****TK-1203 3L**

A	205mm
B	140mm
C	155mm
D	190mm
E	210mm
F	230mm
G	240mm
H	4- ϕ 7mm
I	120mm
J	80mm
K	12mm

電動潤滑給油機**ELECTRICAL LUBRICATION OIL-FEED MACHINE****TK-1203 4L**

A	217mm
B	155mm
C	160mm
D	215mm
E	234mm
F	254mm
G	270mm
H	4- ϕ 7mm
I	135mm

電動潤滑給油機**ELECTRICAL LUBRICATION OIL-FEED MACHINE****TK-1203 8L**

A	257mm
B	185mm
C	190mm
D	308mm
E	335mm
F	360mm
G	47mm
H	95mm
I	189mm

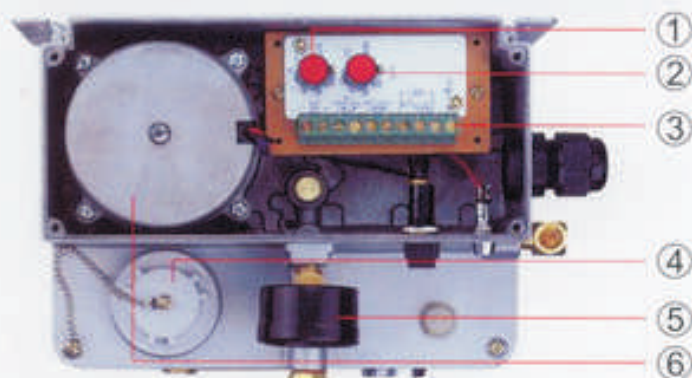
功能 FUNCTION

本給油機可配合機械軟體使用，設有油位裝置及壓力過載安全保護裝置。可警示油箱的油位及管路壓力。
 ※注意事項：請使用新油，勿使用回收油，以免阻塞濾油網及管路，影響機械使用壽命。濾油網請定時清洗(約3~5個月)。

This oil feeder is capable of working with the software of the machine and equipped with pressure overload protecting device and oil shortage of the tank and the oil pipe pressure switch.
 warning system: Do not use recycled or recovered oil to avoid blocking the oil pipe or filter that will shorten the durability of the machine and periodically clean the filter once every 3~5 months.

TK-1203A電動潤滑給油機內視圖

INTERVIEW OF ELECTRICAL LUBRICATION OIL-FEED MACHINE



- 1.潤滑時間 Lubrication timing
- 2.間歇時間 Intermittent timing
- 3.端子座 Terminal base
- 4.入油口 Oil inlet
- 5.壓力表 Pressure
- 6.馬達 Motor

功能 FUNCTION

先調整輸油(ON)和停止(OFF)時間，依使用電壓輸入電源此時外部(LED)電源燈亮，輸油時間開始計時(0~120秒可調)，繼電器接點導通馬達啟動開始輸油，計時到馬達停止運轉，此時轉入停止時間開始計時(0~180m)，依此模式作輸油和停止輸油動作。本計時器另備有壓力和液位兩組空接點。本給油機設有保護裝置，壓力過載時自動洩壓，壓力開關能了解管路壓力狀態，浮動開關警示油箱中的油位。
 ※注意事項：接電源時請查明本機的電壓是否正確，請勿使用回收油，避免雜物阻塞油路，內外油網請定時清洗(約三個月)。

Adjust the oil feeding(ON) & stop(OFF) timer, connect with appropriate power supply, then the LED power indicator will be lighted, start timing the oil feeding(0~120s adjustable), motor starts running to feed the lubricating oil after relay is connected and keep on feeding the oil until the setting time is up, then begin counting the stop feeding time(0~180m), operation of oil feeding and stop oil feeding is according to the above mode. Equipped with protector, auto pressure releases switch floating switch for knowing the pressure in the oil pipe and oil level of tank. Warning: Connect with appropriate power and do not use recovered oil and clean the filter periodically once every three months to avoid oil pipe being blocked.

規格 SPECIFICATION

型 式 Type	TK-1203	TK-1203A	TK-1203E	TK-1203AE
最大流量 Max. flow	180cc/min	180cc/min	180cc/min	180cc/min
壓力 pressure	5~15kg/cm ²	5~15kg/cm ²	12~15kg/cm ²	12~15kg/cm ²
浮球開關 Float switch	●	●	●	●
油箱容量 Oil tank capacity	3L 4L 8L			
管路壓力訊號裝置 Oil pipe pressure signal	可自由選配 Take your choice			
釋壓保護裝置 Pressure protection device	●	●	●	●
潤滑時間 Lubrication timing (sec)		1~120秒(sec)		1~120秒(sec)
間歇時間 Intermittent timing (min)		1~180分(min)		1~180分(min)
電壓 Voltage (50/60Hz) Single phase	110V 200V單向	110V 200V單向	110V 200V單向	110V 200V單向
馬達出力功率 Consumption power	20W	20W	20W	20W
脫壓裝置(E) Pressure relief device			●	●
接頭口徑 Joint dia	4φ or 6φ	4φ or 6φ	4φ or 6φ	4φ or 6φ
備注 Remark	配合比例式分油座使用 Use proportional oil distribution		配合容積式分油座使用 Use proportional oil distribution	

訂購碼 (Order code)

TK-1203 A E S - C I V I

- 電壓 (Volt) 1:110V 2:220V
- 油箱容量 (Oil tank capacity) 1:3L 2:4L 3:8L
- 壓力開關 (Pressure switch)
S:附壓力開關 (With pressure switch)
無記號 (No mark):無壓力開關 (No pressure switch)
- 脫壓裝置 (Pressure relief device)
E:附脫壓裝置 (With pressure relief device)
無記號 (No mark):無脫壓裝置 (No pressure relief device)
- 計時器 (Timer)
A:附計時器 (With timer)
無記號 (No mark):無計時器 (No timer)

容積式分油器

CONTENT TYPE OIL DISTRIBUTOR

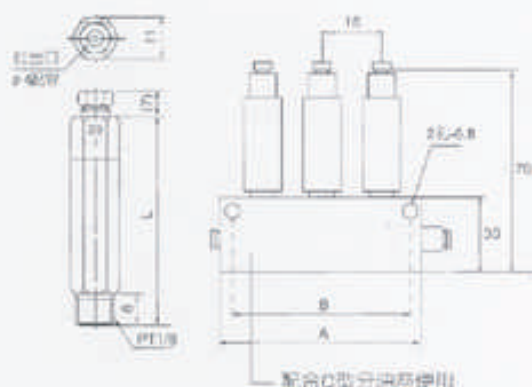
TKF

(配合脫壓電動給油機使用)

For / with pressure release electric oil-feed machine



型式 Type	出口數 No. of outlet	A	B	最低工作壓力 Min. act pressure (kg/cm ²)	出油量編號 No. of spraying volume
TKF-1	1	34	22	8	編號 No.
TKF-2	2	48	36		出油量 spraying volume (cc/stroke)
TKF-3	3	64	52		1 0.03
TKF-4	4	79	67		2 0.06
TKF-5	5	96	84		3 0.10
TKF-6	6	110	98		4 0.13
					5 0.16
					6 0.20



■ 訂購碼 (Order code)

TKF- 3 - 1 2 3

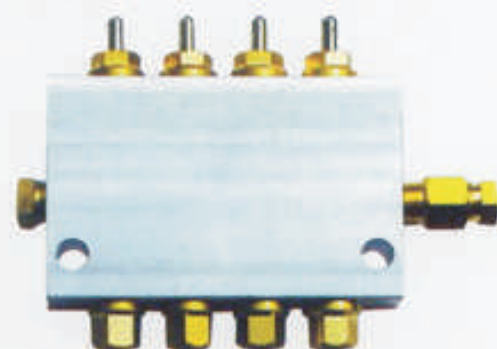
- 第3孔出油量編號 (0.10cc)
The 3rd outlet spraying volume No.
- 第2孔出油量編號 (0.06cc)
The 2nd outlet spraying volume No.
- 第1孔出油量編號 (0.03cc)
The 1st outlet spraying volume No.
- 出口數 (No. of outlet)

註：出口數由入油口至出油口編號
Remark: Outlet No. count from in to out.

容積式分油器

CONTENT TYPE OIL DISTRIBUTOR

TKE



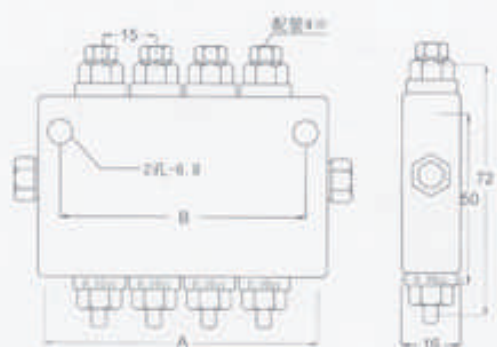
型式 Type	出口數 No. of outlet	A	B	最低工作壓力 Min. act pressure (kg/cm ²)	出油量編號 No. of spraying volume
TKE-1	1	34	22	8	編號 No.
TKE-2	2	48	36		出油量 spraying volume (cc/stroke)
TKE-3	3	64	52		1 0.1
TKE-4	4	79	67		2 0.2
TKE-5	5	96	84		3 0.3
TKE-6	6	110	98		4 0.4
					5 0.5

■ 訂購碼 (Order code)

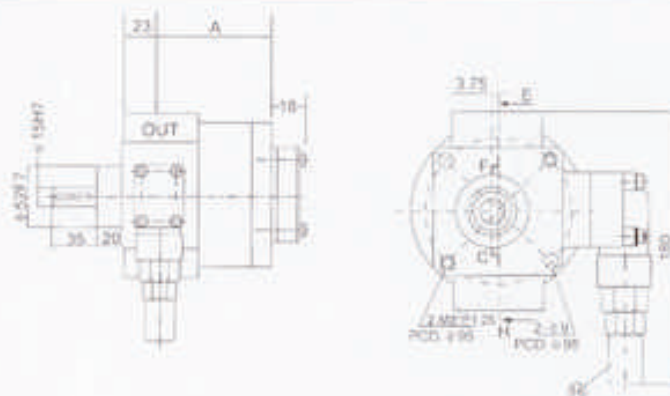
TKE- 3 - 1 2 3

- 第3孔出油量編號
The 3rd outlet spraying volume No.
- 第2孔出油量編號
The 2nd outlet spraying volume No.
- 第1孔出油量編號
The 1st outlet spraying volume No.
- 出口數 (No. of outlet)

註：出口數由入油口至出油口編號
Remark: Outlet No. count from in to out.



重油邦浦 HEAVY OIL PUMP



■ 說明

適用於各種產業機械、工作母機、螺絲機、螺帽機、單能機、專用機、深孔鑽專用機、鍋爐燃燒機、大型機械用、中心給水。

■ Description

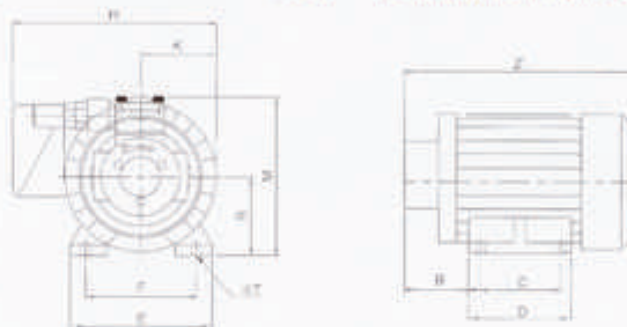
Applicable for various machine tools, screw & nut making machine, single functional machine, specific machine, deep drilling machine, boiler burner and heavy or large machineries.

型 式 Type	A	口徑
TK-3015	62	1"PT
TK-3020	67	1"PT
TK-3030	77	1"PT
TK-3040	82	1"PT

型 式 Type	吐出量(理論值) Output(Theoretical value)			最高壓力 Max. pressure kg/cm ²	最高回轉速 Max. RPM
	cc/rec	1500rpm /min	1800rpm /min		
TK-3015	15	22.5	27	25	2000
TK-3020	20	30	36	25	2000
TK-3030	30	45	54	25	2000
TK-3040	40	60	72	25	2000

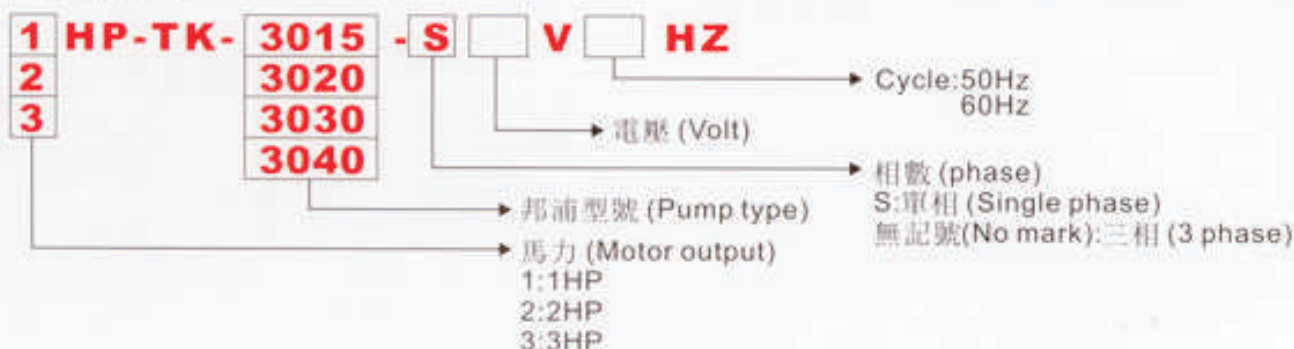
馬達尺寸 MOTOR SIZE

※配合TK3010-TK3040使用 FOR/ WITH TK3010-TK3040

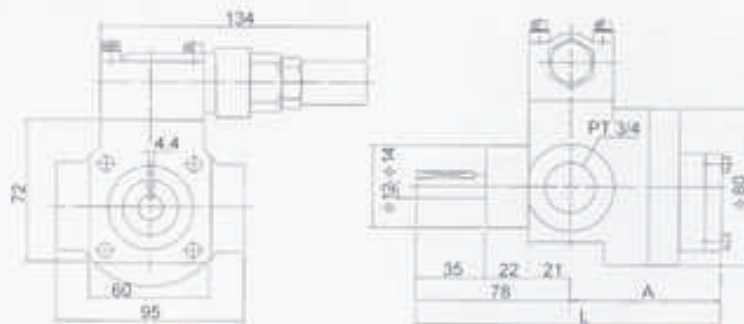


型 式 Type	B	C	D	E	F	H	K	M	R	T	Z
1HP	73	100	121	156	125	225	86	172	80	10	252
2HP	75	125	157	175	140	248	100	188	90	12	284
3HP	82	125	157	176	140	248	100	188	90	12	298

■ 訂購碼 (Order code)



重油潤滑泵 HEAVY OIL LUBRICATION PUMP



■ 訂購碼 (Order code)

TK- 1504 - D 4
1506
1508
1510

出入口管徑 (In & out dia)
 4: 1/2PT
 6: 3/4PT

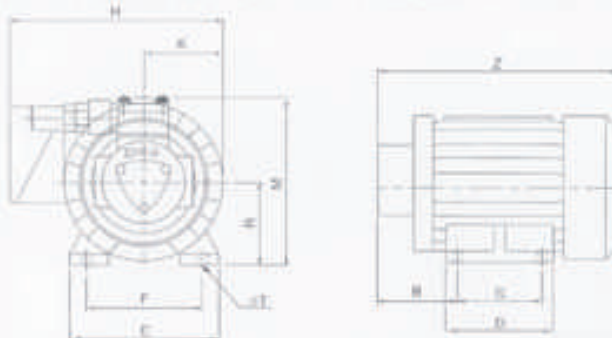
邦浦型號 (Pump type)

型 式 Type	A	口徑
TK-1504	62	3/4PT
TK-1506	67	1/2PT 3/4PT
TK-1508	71	1/2PT 3/4PT
TK-1510	79	3/4PT

型 式 Type	吐出量(理論值) Output(Theoretical value)			最高壓力 Max. pressure kg/cm ²	最高回轉速 Max. RPM
	cc/rec	1500rpm /min	1800rpm /min		
TK-1504	4	6	7.2	20	2000
TK-1506	6	8	10.8	20	2000
TK-1508	7	10.5	12.6	20	2000
TK-1510	10	15	18	20	2000

馬達尺寸 MOTOR SIZE

※ 配合TK1504-TK1510使用 FOR/ WITH TK1504-TK1510



型 式 Type	B	C	D	E	F	H	K	M	R	T	Z
1/2HP	76	90	116	145	112	210	79	152	71	10	244
1HP	72	100	121	156	125	225	86	172	80	10	249
2HP	73	125	157	175	140	248	100	191	90	12	282

■ 訂購碼 (Order code)

1/2 HP-TK- 1504 - D 4 - S V HZ
1
2

馬力 (Motor output)
 1/2: 1/2HP
 1: 1HP
 2: 2HP

邦浦型號 (Pump type)

邦浦出入口管徑 (Pump in&out dia)
 4: 1/2PT
 6: 3/4PT

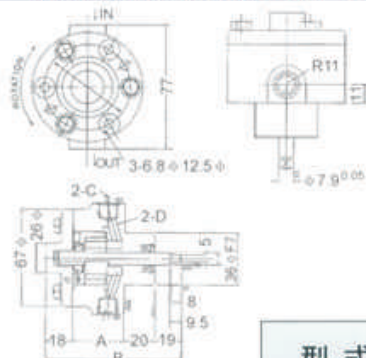
電壓 (Volt)

相數 (phase)
 S: 單相 (Single phase)
 無記號 (No mark): 三相 (3 phase)

Cycle: 50Hz
 60Hz

正逆轉潤滑泵

LUBRICATION PUMP CLOCKWISE / WITHERSHINS ROTATION



■ 說明

適用於一般正、逆轉之機械。如：車床、旋臂鑽床、製藥機械、研磨機、各種冷凍機械、銑床等...

■ Description

Suitable for machines with right and left turn. Such as: Lathes, Radial drilling machines, Pharmacs, Enticals machine, Grinders, Freezers, Milling machines etc.

型 式 Type	A	B	C	D	E
AM2A	28	85	PT1/4"	6	8
AM2F	31	89	PT1/4"	7	11
AM2	36	93	PT1/4"	7	11

型 式 Type	吐出量(理論值) Output(Theoretical value)			最高壓力 Max. pressure	最高回轉速 Max. RPM
	cc/rec	1500rpm #/min	1800rpm #/min	kg/cm ²	
AM2A	1.2	1.95	2.34	5	2000
AM2F	1.8	2.7	3.24	5	2000
AM2	2.50	3.75	4.50	5	2000

單向潤滑泵

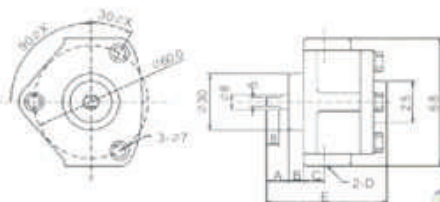
ONE WAY LUBRICATION PUMP

■ 說明

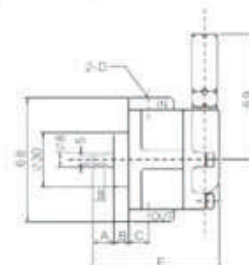
適用於各種工作母機、農機、紡織機械、印刷機械、柴油引擎...
牛頭刨床、龍門刨床、銑床、沖床、滾齒機、磨床、鑽床、製
罐機械、螺絲、螺帽、鐵釘製造機、單能機、專用機...

■ Description

Suitable for all machine tools, Agricultural machinery, Textile machinery, Printing machinery, Diesel engines, Other... Such as: Shapers, Double housing presses, Hobbing machines, Grinders, Drilling machines, Can making machines, Screw&Nut making machines, Nail making machines, Single purpose machinery, Special purpose machines etc.



附壓力調整閥 (with pressure adjusting valve)



型 式 Type	A	B	C	D	E	D"PT
AM5A	10	8	11	23	57	1/8" 1/4"
AM5	11.5	8	11	30	64	1/4"
AM6	12.5	8	11	40	74	3/8"

型 式 Type	吐出量(理論值) Output(Theoretical value)			最高壓力 Max. pressure	最高回轉速 Max. RPM	重量 Weight kg
	cc/rec	1500rpm #/min	1800rpm #/min	kg/cm ²		
AM5A	1.3	1.95	2.34	5	2000	0.55
AM5	2.50	3.75	4.50	5	2000	0.63
AM6	4	6	7.2	5	1800	0.79

■ 訂購碼 (Order code)

AM5A - RA
AM5
AM6

壓力調整閥
(Pressure adjusting valve)
RA:附壓力調整閥
(With pressure adjusting valve)
無記號 (No mark): 無壓力調整閥
(No pressure adjusting valve)

→ 邦浦型號 (Pump type)

壓力調整閥

PRESSURE-ADJUSTING VALVE

※AM5A. AM5. AM6共用



2~5kg/cm²

■ 訂購碼 (Order code): RA



■ 訂購碼 (Order code): RB

使用邦浦型號: AM5A. AM5. AM6
(For pump type: AM5A. AM5. AM6)

使用邦浦型號: TK-1504. TK-1506. TK-1508.
TK-1510. TK-3015. TK-3020.
TK-3030. TK-3040

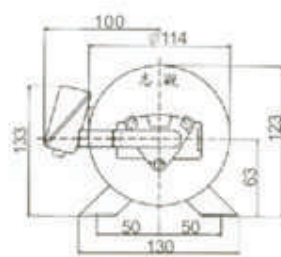
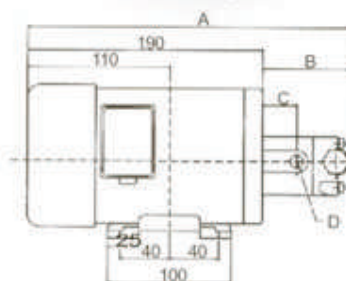
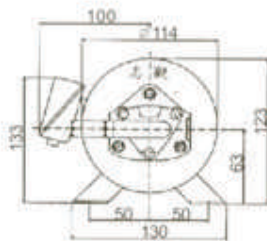
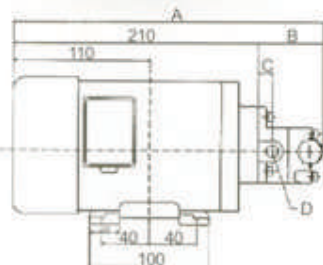
(For pump type: TK-1504. TK-1506. TK-1508. TK-1510.
TK-3015. TK-3020. TK-3030. TK-3040)

直結泵附壓力調整閥

DIRECT DRIVE PUMP ATTACHED PRESSURE-ADJUSTING VALVE



新型
(New type)



型式 Type	A	B	C	D
1/4HP-AM5A-RA	263	53	11	1/4PT
1/4HP-AM5-RA	268	58	11	1/4PT
1/4HP-AM6-RA	280	70	15	3/8PT

型式 Type	A	B	C	D
1/4HP-AM5N-RA	278	88	33	1/4PT
1/4HP-AM6N-RA	285	95	33	3/8PT

■ 訂購碼 (Order code)

1/4HP- **AM5A** - **N** - **RA** - **S** **V** **HZ**

AM5
AM6

→ N: 新型 (New type)
→ 邦浦型號 (Pump type)

→ 壓力調整閥
(Pressure adjusting valve)
RA: 附壓力調整閥
(With pressure adjusting valve)
無記號 (No mark): 無壓力調整閥
(No pressure adjusting valve)

→ 電壓 (Volt)

→ Cycle: 50Hz
60Hz

→ 相數 (phase)
S: 單相 (Single phase)
無記號 (No mark): 三相 (3 phase)

連續潤滑組合單元

CONTINUOUS LUBRICATION UNIT 1/4HP

AM5A. AM5. AM6共用相同馬達
Same motor for model:AM5A. AM5. AM6

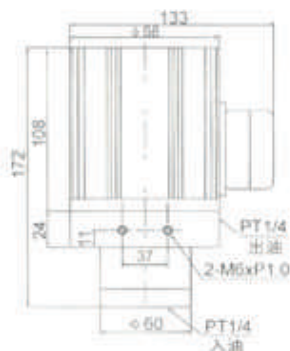


型 式 Type	吐出量(理論值) Output(Theoretical value)			最高壓力 Max. pressure	最高回轉速 Max. RPM	出口管徑 D*PT
	cc/rec	1500rpm ℓ /min	1800rpm ℓ /min	kg/cm ²		
TK5A	1.3	1.95	2.34	5	2000	1/4PT
TK5	2.50	3.75	4.50	5	2000	1/4PT
TK6	4	6	7.2	5	2000	1/4PT

※ 油箱容量20L Oil tank capacity 20L

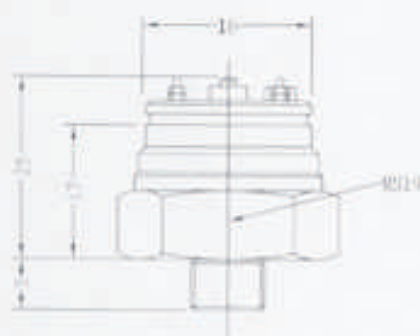
TK-160循環邦浦

CIRCULATING PUMP



相數(Phase)	3	
極(Pole)	4	
輸出功率(Output)	75w	
電壓 (Volt)	220或380	
CLASS	E	
CYCLE	50HZ	60HZ
RPM	1400	1600
吐出量(cc/rec)	0.85	
最大壓力(Max. pressure)	5kg/cm ²	
耐溫(Max. temperature)	60℃	

TK-210



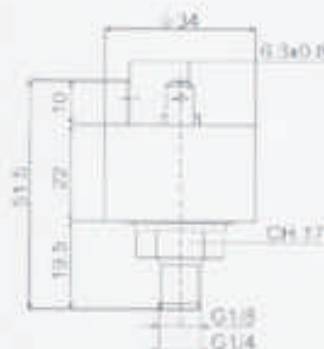
Setting screw M3
DIN 914

TECHNICAL DATAS

Pressure setting range	1-10 bar
Working pressure max.	10 bar
Bursting pressure	20 bar
Design	Spring safety membranes
Diaphragm	NBR, special design VITON, CR, EPDM, KALREZ
Manner of fastening	Male thread
Fitting thread >A<	G 1/8", other thread types on demand
Mounting position	any
Ambient temperature	-25°C bis +85°C, higher temperatures on demand
Medium	Air, others on demand
Adjustability	Under pressure
Switch back difference	10%-15%
Mechanical life	10 ⁵
Material	Brass, special design VA, galvanized steel
Weight	26 gr
Switching element	Sliver-plated contacts/special gold-plated contacts
Reference voltage	42V
Reference frequency	Not over 100Hz
Reference frequency max.	200/min
Maximum load	2A
Electrical connection	Screw connection M2
Protective system	IP00
Breaking capacity	100VA

For inductively loaded DC circuits e.g. for magnets, spark extinguishers have to be provided

TK-220

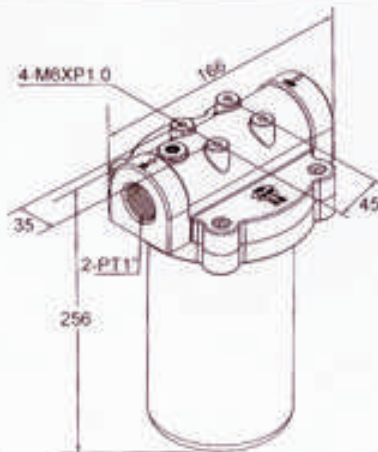


TECHNICAL DATAS

Pressure setting range	0.2-6 bar
Working pressure max.	6 bar
Bursting pressure	12 bar
Hysteresis	ΔP fixed oil-0.4 ΔP adjustable 0.2-0.8
Part in contact with the fluid	diaphragm in stainless steel barss connection
Electrical data	N.C. < 15A resistance load < 1.5 inductive/ 250V N.O. < 9A resistance load < 0.9 inductive/ 250V
Mounting position	any
Life of the electrical contacts	10 ⁵ cycles

濾油器 FILTER

TK-810



■ 訂購碼 (Order code)

TK-810 A - ☐

內網μ數: 40μ, 60μ, 100μ
(Inner filter microns: 40μ, 60μ, 100μ)
銅網 (Copper sintered filter)

TK-810 C - ☐

內網數目: 60目, 120目
(Inner filter microns: 60, 120)
金屬網 (Galvanized iron filter)

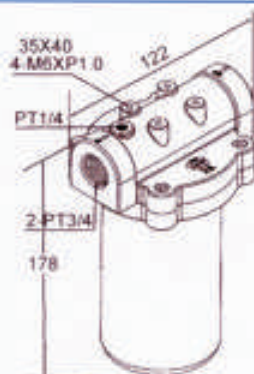
(最高壓力30kg) (Max. pressure:30kg)

本公司本著創新、服務、環保理念，頃研發成功，免換濾油心之過濾器，來取代傳統用完就丟棄濾油心，不環保觀念之產品。本產品最大特點：拆卸方便，清洗容易，省錢更兼具環保，可重複使用的銅燒結濾油心，其精密度可達5μ-10μ。

In order to replace conventional disposable oil filtering core, recently our company has successfully developed a permanent filtering core based on innovation better service and understanding of environmental protection. Advantages of this new product are easy to disassemble for the convenience of cleaning the core and also to reduce the cost. Most of all is to protect environment, it's reusable and precision of this copper sintered filter core is up to 5μ-10μ.

濾油器 FILTER

TK-610



■ 訂購碼 (Order code)

TK-610 A - ☐

內網μ數: 40μ, 100μ
(Inner filter microns: 40μ, 100μ)

銅網 (Copper sintered filter)

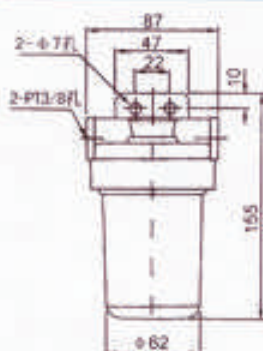
TK-610B 含磁石+金屬網 (Magnet+Galvanized iron filter)

TK-610C 金屬網 (Galvanized iron filter)

(最高壓力30kg) (Max. pressure:30kg)

掛式磁石濾油器 HANGING FILTER

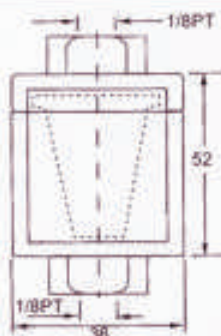
TK-310



(最高壓力10kg)
(Max. pressure:10kg)

小型濾油器 SMALL FILTER

TK-110



(最高壓力20kg)
(Max. pressure:20kg)