



TDS型 (1/15-1/6HP) $\frac{TDS}{1} - \frac{15}{2} \frac{E}{3} \frac{P}{4} - \frac{120}{5} - \frac{5}{6} \frac{B}{7}$

- | | | | | | |
|------------|---------------------|--------------------------|----------------------|----------------------------|--|
| 1、TDS-機型編號 | 2、口徑15-1/2" 20-3/4" | 3、O環V-VITON E-EPDM N-NBR | 4、泵體材質 P-FRPP F-PVDF | 5、馬力 1/15-1/15HP 1/8-1/8HP | 6、頻率5-50HZ 6-60HZ
7、底座外形 B-標準型 F-方形 Y-圓形 W-槽外式 T-特殊訂做 |
|------------|---------------------|--------------------------|----------------------|----------------------------|--|

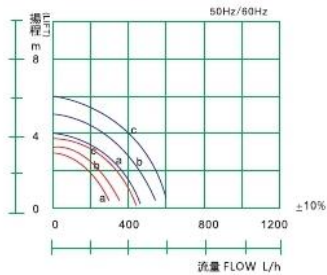
TDS Type



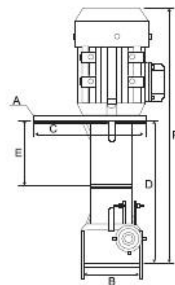
特點 FEATURES

- 可空轉使用，絕不因空運轉而損壞。
 - 泵浦所有接液部分，均採用耐腐蝕之FRPP、CPVC、PVDF材質，視輸送的化學藥液而定。
 - TDS系列採用C型卡簧和入口濾網裝置，入口主體體積較小，更適合槽內設計使用。
 - 在馬達輸出軸處及泵浦底部分別裝置耐酸鹼之密封件，雙層保護可防止化學氣體損壞馬達軸承。
 - 泵浦出口有PP和PVC兩種接頭，供客戶方便使用。
- May idling use, not to damage by air.
- Pump all meet hydraulic parts, all use of corrosion FRPP, CPVC, PVDF material, depending on the transmission of the chemical solution and decide.
- TDS series adopt C card reed and entry mesh device, the entry subject product are smaller, more suitable for use groove design.
- In the motor output shaft and pump respectively in the bottom of the device acid and alkali resistant seals, double protection can prevent the chemical gas damage motor bearings.
- Pump export have PP and PVC two joint, convenient for customers to use.

性能曲線圖 PERFORMANCE CURVE



尺寸圖 SIZE CHART



規格表 SPECIFICATION TABLE

(測試介質：水 比重：1.0)
(test medium: water proportion: 1.0)

項目 PROJECT	進出口徑 IN/OUT OF THE CASING (mm)	功率 POWER	相數 PHASE NUMBER	HP	50Hz		60Hz		尺寸 SIZE (mm)								重量 WEIGHT (kg)	
					曲線 CURVE	全揚程 FULL HEAD	曲線 CURVE	全揚程 FULL HEAD	A	At/y	B	C	Ct/y	D	E	F		
TDS-15-50	15	1	1/15	a	3	50	a	4	75	111	185/210	85	170	120/180	218	100	400	4
TDS-15-50	15	1	1/8	b	3.5	60	b	5	85	111	185/210	85	170	120/180	218	100	400	4.5
TDS-15-120	15	1	1/8	c	3.8	70	c	6	100	111	185/210	85	170	120/180	218	100	400	4.8



TDS型 (1/4-1/2HP) $\frac{TDS}{1} - \frac{20}{2} \frac{E}{3} \frac{P}{4} - \frac{180}{5} - \frac{5}{6} \frac{B}{7}$

- | | | | | | |
|------------|-----------------------------|----------------|-----------------|-----------------------|---|
| 1、TDS-機型編號 | 2、口徑20-3/4" 25-1" 32-1-1/4" | 3、E-EPDM N-NBR | 4、F-PVDF C-CPVC | 5、250-1/3HP 370-1/2HP | 6、頻率5-50HZ 6-60HZ
7、底座外形 B-標準型 Y-圓形 W-槽外式 C-側出式 T-特殊訂做 |
|------------|-----------------------------|----------------|-----------------|-----------------------|---|

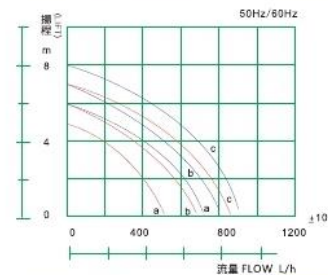
CS Type



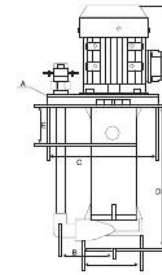
特點 FEATURES

- 可空轉使用，絕不因空運轉而損壞。
 - 泵浦所有接液部分，均採用耐腐蝕之FRPP、CPVC、PVDF材質，視輸送的化學藥液而定。
 - TDS系列採用C型卡簧和入口濾網裝置，入口主體體積較小，更適合槽內設計使用。
 - 在馬達輸出軸處及泵浦底部分別裝置耐酸鹼之密封件，雙層保護可防止化學氣體損壞馬達軸承，而遊離的化學氣體將經由支撐板上的氣孔順利排出。
 - 特殊設計的葉輪，即使葉輪偶爾逆轉也不會損壞泵浦。
 - 泵浦出口有PP和PVC兩種接頭，供客戶方便使用。
- May idling use, not to damage by air.
- Pump all meet hydraulic parts, all use of corrosion FRPP, CPVC, PVDF material, depending on the transmission of the chemical solution and decide.
- TDS series adopt C card reed and entry mesh device, the entry subject product are smaller, more suitable for use groove design.
- In the motor output shaft and pump respectively in the bottom of the device acid and alkali resistant seals, double protection can prevent the chemical gas damage motor bearing, and free of chemical gas through the support plate of stomatal successful education.
- Special design of the impeller, even if occasionally reverse also won't damaged impeller pump.
- Pump export have PP and PVC two joint, convenient for customers to use.

性能曲線圖 PERFORMANCE CURVE



尺寸圖 SIZE CHART



規格表 SPECIFICATION TABLE

(測試介質：水 比重：1.0)
(test medium: water proportion: 1.0)

項目 PROJECT	進出口徑 IN/OUT OF THE CASING (mm)	功率 POWER	相數 PHASE NUMBER	HP	50Hz		60Hz		尺寸 SIZE (mm)								重量 WEIGHT (kg)	
					曲線 CURVE	全揚程 FULL HEAD	曲線 CURVE	全揚程 FULL HEAD	A	At/y	B	C	Ct/y	D	E	F		
TDS-20-180	20	1	1/4	a	5	90	a	6	110	170	260	113	213	230	282	90	495	8
TDS-20-180	20	3	1/4	a	5	90	a	7	110	170	260	113	213	230	282	90	495	8
TDS-20-250	20	1	1/3	b	6	105	b	7	130	170	260	113	213	230	282	90	495	8.5
TDS-20-250	20	3	1/3	b	6	105	b	7	130	170	260	113	213	230	282	90	495	8.5
TDS-25-370	25	1	1/2	c	7	135	c	8	150	170	260	113	213	230	282	90	495	9.5
TDS-25-370	25	3	1/2	c	7	145	c	8	160	170	260	113	213	230	282	90	495	9.5



TDS型 (3/4-3HP)

TDS - $\frac{32}{1}$ - $\frac{E}{2}$ - $\frac{P}{3}$ - $\frac{750}{4}$ - $\frac{5}{5}$ - $\frac{B}{6}$ - $\frac{7}{7}$

- | | | | | | | |
|------------|-------------------------------------|--------------------------------|----------------------------------|--|-----------------------|---|
| 1. CS-機型編號 | 2. 口徑 25-1" / 32-1-1/4" / 40-1-1/2" | 3. O環 V-VITON / E-EPDM / N-NBR | 4. 泵體材質 P-FRPP / F-PVDF / C-CPVC | 5. 馬力 550-3/4HP / 750-1HP / 1100-1.5HP / 1500-2HP / 2200-3HP | 6. 頻率 5-50HZ / 6-60HZ | 7. 底座外形 B-標準型 / F-方形 / W-槽外式 / C-側出式 / T-特殊訂做 |
|------------|-------------------------------------|--------------------------------|----------------------------------|--|-----------------------|---|

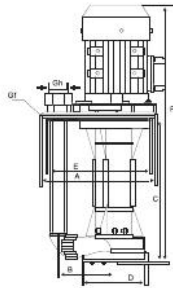
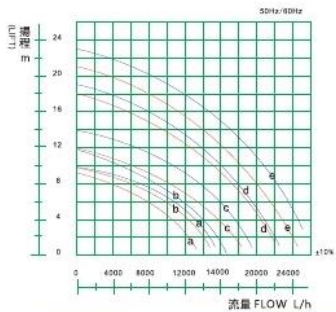


TDS Type

特點 FEATURES

- ◊ 可空轉使用，絕不因空運轉而損壞。
- ◊ 泵浦所有接液部分，均採用耐腐蝕之FRPP、CPVC、PVDF材質，視輸送的化學藥液而定。
- ◊ TDS系列採用C型卡簧和入口濾網裝置，入口主體積較小，更適合槽內設計使用。
- ◊ 雙層幹式軸封設計，可防止化學氣體噴濺而導致軸承，而遊離之化學氣體將經由支撐板上的氣孔順利排出。
- ◊ 特殊設計的葉輪，即使葉輪偶爾逆轉也不會損壞泵浦。
- ◊ 泵浦出口有PP和PVC兩種接頭，供客戶方便使用。
- ◊ 適合各種酸鹼液循環、冷卻、噴洗設備、廢氣塔用。
- ◊ May idling use, not to damage by air.
- ◊ Pump all meet hydraulic parts, all use of corrosion FRPP, CPVC, PVDF material, depending on the transmission of the chemical solution and decide.
- ◊ TDS series adopt C card reed and entry mesh device, the entry subject product are smaller, more suitable for use groove design.
- ◊ Double dry shaft seal design, can prevent the chemical gas motor bearing damage, and free of chemical gas through the support plate of stomatal successful education.
- ◊ Special design of the impeller, even if occasionally reverse also won't damaged impeller pump.
- ◊ Pump export have PP and PVC two joint, convenient for customers to use.
- ◊ Suitable for all kinds of acid and alkali solution circulation, cooling, spray cleaning equipment, waste gas with tower.

性能曲線圖 PERFORMANCE CURVE



尺寸圖 SIZE CHART

規格表 SPECIFICATION TABLE

項目 PROJECT 機型 MODEL	進出口徑 IN/OUT OF THE CALIBER (mm)	相數 PHASE NUMBER	功率 POWER HP	50Hz			60Hz			尺寸 SIZE (mm)								重量 WEIGHT (kg)
				曲線代號 CURVE NO.	全揚程 FULL HEAD (m)	全流量 FULL FLOW (L/min)	曲線代號 CURVE NO.	全揚程 FULL HEAD (m)	全流量 FULL FLOW (L/min)	A	B	C	D	E	F	Gf	Gh	
TDS-32-550	32	3	3/4	a	9	230	a	10	250	300	270	113	168	146	680	220	190	16
TDS-32-750	32	3	1	a	10	250	a	12	280	300	270	410	168	146	680	220	190	18
TDS-32-1100	32	3	1.5	b	12	310	b	14	330	300	270	410	168	146	680	220	190	20
TDS-90-1500	40	3	2	b	18	380	b	19	380	300	270	410	168	146	720	220	190	22
TDS-90-2200	40	3	3	c	21	410	c	23	450	300	270	410	168	146	720	220	190	25

(測試介質：水 比重：1.0)
(test medium: water proportion: 1.0)



TBP型 TBP - $\frac{40}{1}$ - $\frac{VK}{2}$ - $\frac{1}{3}$ - $\frac{6}{4}$ - $\frac{V}{5}$ - $\frac{F}{6}$ - $\frac{7}{7}$

- | | | | | | | |
|-------------|---------------------------------|-----------------------|---|-----------------------|--------------------------------|----------------------------------|
| 1. TBP：機型編號 | 2. 口徑 25-1" / 40-1-1/2" / 50-2" | 3. 比重 VK-1.1 / VP-1.4 | 4. 馬力 1/2-1/2HP / 1-1HP 2-2HP / 3-3HP 5-5HP | 5. 頻率 5：50HZ / 6：60HZ | 6. O環 V-VITON / E-EPDM / N-NBR | 7. 泵體材質 P-FRPP / F-PVDF / C-CPVC |
|-------------|---------------------------------|-----------------------|---|-----------------------|--------------------------------|----------------------------------|

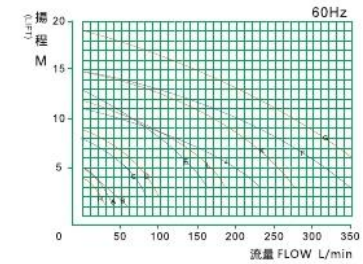
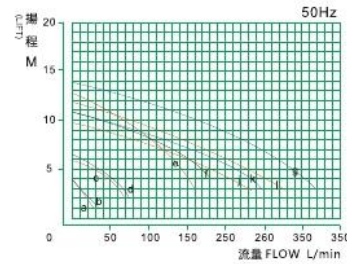


TBP Type

特點 FEATURES

- ◊ 可空轉使用，絕不因空運轉而損壞。
- ◊ 泵浦所有接液部分，均採用耐腐蝕之FRPP、CPVC、PVDF材質，視輸送的化學藥液而定。
- ◊ TBP/TDT系列採用C型卡簧和入口濾網裝置，入口主體積較小，更適合槽內設計使用。
- ◊ 在馬達輸出軸處及泵浦底部分別裝置耐腐蝕之密封件，雙層保護可防止化學氣體噴濺而導致軸承，而遊離之化學氣體將經由支撐板上的氣孔順利排出。
- ◊ 特殊設計的葉輪，即使葉輪偶爾逆轉也不會損壞泵浦。
- ◊ 泵浦出口有PP和PVC兩種接頭，供客戶方便使用。
- ◊ May idling use, not to damage by air.
- ◊ Pump all meet hydraulic parts, all use of corrosion FRPP, CPVC, PVDF material, depending on the transmission of the chemical solution and decide.
- ◊ TBP/TDT series adopt C card reed and entry mesh device, the entry subject are smaller, more suitable for groove design use.
- ◊ In the motor output shaft and pump respectively in the bottom of the device acid and alkali resistant seals, double protection can prevent the chemical gas motor bearing damage, and free of chemical gas through the support plate of stomatal successful education.
- ◊ Special design of the impeller, even if occasionally reverse also won't damaged impeller pump.
- ◊ Pump export have PP and PVC two joint, convenient for customers to use.

性能曲線圖 PERFORMANCE CURVE



規格表 SPECIFICATION TABLE

(測試介質：水 比重：1.0)
(test medium: water proportion: 1.0)

規格 SPECIFICATIONS	比重 PROPORTION	進出口徑 IN/OUT OF THE CALIBER (mm)	馬力 HORSEPOWER		50Hz			60Hz			重量 WEIGHT (kg)	
			相數 PHASE NUMBER	HP	極數 EXTREME NUMBER	曲線代號 CURVE NO.	全揚程 FULL HEAD (m)	全流量 FULL FLOW (L/min)	曲線代號 CURVE NO.	全揚程 FULL HEAD (m)		全流量 FULL FLOW (L/min)
25VK-1/2	1.1	40x25	1φ/3φ	1/2	2	e	13	160	E	13	165	18
40VK-1	1.1	50x40	1φ/3φ	1	2	f	12	280	F	15	350	19
40VK-2	1.1	50x40	3φ	2	2	g	14	320	G	19	400	24
25VP-1	1.4	40x25	1φ/3φ	1	2	l	11	200	L	12	185	19
40VP-1	1.4	50x40	1φ/3φ	1	2	j	10	230	J	11	230	18
40VP-2	1.4	50x40	3φ	2	2	k	11	250	K	15	280	19

可空轉化工立式泵浦 MAY IDLING CHEMICAL VERTICAL PUMPS



TDT型

- | | | | | | |
|--|------------------------|--|-----------------------------|----------------------------------|---------------------------------------|
| 1. TDT: 機型編號
2. 口徑
25-1"
40-1-1/2"
50-2" | 3. 比重 VK-1.1
VP-1.4 | 4. 馬力
1/2-1/2HP
1-1HP 2-2HP
3-3HP 5-5HP | 5. 頻率
5: 50HZ
6: 60HZ | 6. O環
V-VITON
E-EPDM N-NBR | 7. 泵體材質
P-FRPP
F-PVDF
C-CPVC |
|--|------------------------|--|-----------------------------|----------------------------------|---------------------------------------|

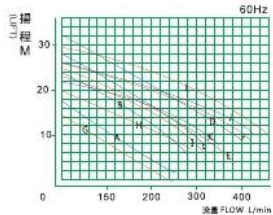
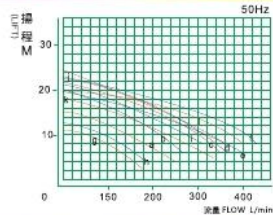
TDT Type



特點 FEATURES

- 可空轉使用，絕不因空運轉而損壞。
- 泵浦所有接液部分，均採用耐腐蝕之FRPP、CPVC、PVDF材質，視輸送的化學藥液而定。
- TBP/TDT系列採用C型卡簧和入口濾網裝置，入口主體積較小，更適合槽內設計使用。
- 在馬達輸出軸處及泵浦底部分別裝置耐酸蝕之密封件，雙層保護可防止化學氣體破壞馬達軸承，而逆離的化學氣體將經由支撐板上的氣孔順利排出。
- 特殊設計的葉輪，即使葉輪偶爾逆轉也不會損壞泵浦。
- 泵浦出口有PP和PVC兩種接頭，供客戶方便使用。
- May idling use, not to damage by air.
- Pump all meet hydraulic parts, all use of corrosion FRPP, CPVC, PVDF material, depending on the transmission of the chemical solution and decide.
- TBP/TDT series adopt C card seal and entry mesh device, the entry subject product are smaller, more suitable for use groove design.
- In the motor output shaft and pump respectively in the bottom of the device acid and alkali resistant seals, double protection can prevent the chemical gas motor bearing damage, and free of chemical gas will support the caliber of the plate on the stomatal successful education.
- Special design of the impeller, even if occasionally reverse also won't damaged impeller pump.
- Pump export have PP and PVC two joint, convenient for customers to use.

性能曲線圖 PERFORMANCE CURVE



規格表 SPECIFICATION TABLE

(測試介質: 水 比重: 1.0)
(test medium: water proportion: 1.0)

規格 SPECIFICATIONS	比重 PROPORTION	進出口徑 IN&OUT OF THE CALBER (mm)	馬力 HORSEPOWER		50Hz			60Hz			重量 WEIGHT (kg)	
			相數 PHASE NUMBER	HP	極數 EXTREME NUMBER	曲線 (A) CURVE (A)	全揚程 FULL HEAD (m)	全流量 FULL FLOW (L/min)	曲線 (B) CURVE (B)	全揚程 FULL HEAD (m)		全流量 FULL FLOW (L/min)
40VK-1	1.1	50X40	3φ	1	2	a	16	250	A	18	260	36
40VK-2	1.1	50X40	3φ	2	2	b	20	270	B	24	280	40
40VK-3	1.1	50X40	3φ	3	2	c	22	350	C	28	325	43
40VK-5	1.1	50X40	3φ	5	2	d	24	360	D	31	400	60
50VK-3	1.1	50X50	3φ	3	2	e	20	400	E	24	390	44
50VK-5	1.1	50X50	3φ	5	2	f	22	420	F	26	420	61
40VP-1	1.4	50X40	3φ	1	2	g	11	180	G	16	250	36
40VP-2	1.4	50X40	3φ	2	2	h	13	200	H	20	290	40
40VP-3	1.4	50X40	3φ	3	2	i	21	310	I	23	320	43
40VP-5	1.4	50X40	3φ	5	2	j	23	370	J	23	430	60
50VP-3	1.4	50X40	3φ	3	2	k	18	330	K	22	350	44
50VP-5	1.4	50X40	3φ	5	2	l	20	400	L	29	480	61

可空轉化工立式泵浦 MAY IDLING CHEMICAL VERTICAL PUMPS



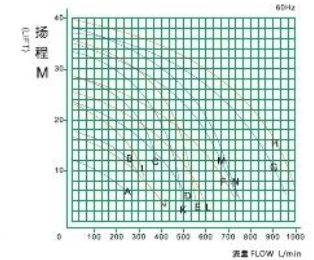
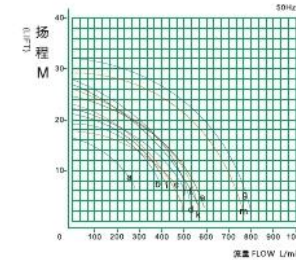
TCD型 (1-10HP)

- | | | | | | |
|---|------------------------|--|-----------------------------|----------------------------------|---------------------------------------|
| 1. TCD: 機型編號
2. 口徑40-1-1/2"
50-2"
65-2-1/2"
80-3" | 3. 比重 VK-1.1
VP-1.4 | 4. 馬力 3-3HP
5-5HP
7.5-7.5HP
10-10HP | 5. 頻率
5: 50HZ
6: 60HZ | 6. O環 V-VITON
E-EPDM
N-NBR | 7. 泵體材質
P-FRPP
F-PVDF
C-CPVC |
|---|------------------------|--|-----------------------------|----------------------------------|---------------------------------------|

TCD Type



性能曲線圖 PERFORMANCE CURVE



特點 FEATURES

- 可空轉使用，絕不因空運轉而損壞。
- 泵浦所有接液部分，均採用耐腐蝕之FRPP、CPVC、PVDF材質，視輸送的化學藥液而定。
- 雙層幹式軸封設計，可防止化學氣體破壞馬達軸承。
- 特殊設計之葉輪，即使葉輪偶爾逆轉也不會損壞泵浦。
- 適合各種酸鹼液循環、冷卻、噴洗設備、腐氣塔廢水處理、蝕刻機使用。
- 可與化學藥液過濾網配合連接使用，適合各種化學藥液之循環輸送。
- May idling use, not to damage by air.
- Pump all take part liquid, all use of corrosion FRPP, CPVC, PVDF material, depending on the transmission of the chemical solution and decide.
- Double dry shaft seal design, can prevent the chemical gas damage motor bearings.
- Special design of the impeller, even if occasionally reverse also won't damaged impeller pump.
- Suitable for all kinds of acid and alkali solution circulation, cooling, spray cleaning equipment 'waste gas tower wastewater treatment' etching machine use.
- But with chemical solution filter with connection to use, suitable for all kinds of chemical plating conveying liquids cycle.

規格表 SPECIFICATION TABLE

(測試介質: 水 比重: 1.0)
(test medium: water proportion: 1.0)

機型 MODEL	項目 PROJECT	比重 PROPORTION	進出口徑 IN&OUT OF THE CALBER (mm)	功率 POWER		50Hz			60Hz		
				相數 PHASE NUMBER	HP	曲線 CURVE (A)	全揚程 FULL HEAD (m)	全流量 FULL FLOW (L/min)	曲線 CURVE (B)	全揚程 FULL HEAD (m)	全流量 FULL FLOW (L/min)
TCD-40VK-1	1.1	50X40	3	1	a	16.5	280	A	13	250	29
TCD-40VK-2	1.1	50X40	3	2	b	20	400	B	23	320	38
TCD-40VK-3	1.1	50X40	3	3	c	24	450	C	28.5	390	41
TCD-50VK-3	1.1	65X50	3	3	d	23	530	D	23	520	41
TCD-50VK-5	1.1	65X50	3	5	e	31	580	E	36	560	55
TCD-65VK-5	1.1	80X65	3	5	f	29	550	F	29	740	55
TCD-65VK-7.5	1.1	80X65	3	7.5	g	32	780	G	37	960	96
TCD-65VK-10	1.1	80X65	3	10	h	32	780	H	39.5	1000	106
TCD-40VP-3	1.4	50X40	3	3	i	22	400	I	23	340	41
TCD-50VP-3	1.4	65X50	3	3	j	19	500	J	16.5	415	41
TCD-50VP-5	1.4	65X50	3	5	k	28	560	K	32.5	500	55
TCD-65VP-5	1.4	80X65	3	5	l	27	520	L	25	600	55
TCD-65VP-7.5	1.4	80X65	3	7.5	m	31	750	M	35	750	96
TCD-65VP-10	1.4	80X65	3	10	n	31	750	N	38	760	106

可空轉化工立式泵浦 MAY IDLING CHEMICAL VERTICAL PUMPS



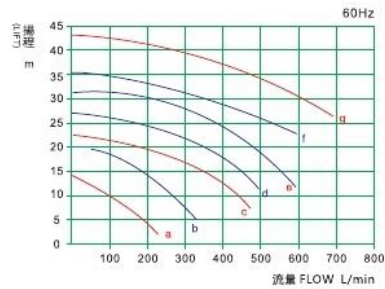
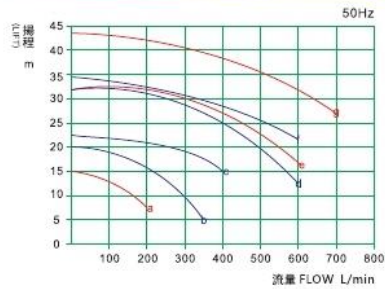
TDH型 (1-10HP) $\frac{TDH}{1} - \frac{50}{2} \frac{E}{3} \frac{P-1-}{4} \frac{5-T-B}{5} \frac{6}{7} \frac{8}{8}$

- | | | | | | |
|--|-----------------------------------|---------------------------------------|--|-----------------------------|---|
| 1. TDH: 機型編號
2. 口径 32-1-1/4"
40-1-1/2"
50-2"
65-2-1/2" | 3. O環 VK-VITON
E-EPDM
N-NBR | 4. 泵體材質
P-FRPP
F-PVDF
C-CPVC | 5. 馬力 1-1HP 2-2HP
3-3HP 5-5HP
6-5.5HP 7.5-7.5HP
10-10HP | 5. 頻率
5: 50HZ
6: 60HZ | 7. 軸心材質 T-鈦
S-不銹鋼
8. 底板外型 B-標準型
F-方形
Y-圓形 |
|--|-----------------------------------|---------------------------------------|--|-----------------------------|---|

CSH Type



性能曲線圖 PERFORMANCE CURVE



規格表 SPECIFICATION TABLE

機型 MODEL	項目 PROJECT	比重 PROPORTION	進出口徑 IN&OUT OF THE GAUGER (mm)	功率 POWER		50Hz		60Hz			
				相數 PHASE NUMBER	HP	曲線 CURVE (號)	全流量 FULL FLOW (m)	全流量 FULL FLOW (L/min)	曲線 CURVE (號)	全流量 FULL FLOW (m)	全流量 FULL FLOW (L/min)
TDH-32-1		1.1	1-1/4"	3	1	a	10.5	100	a	12.5	100
TDH-32-2		1.1	1-1/4"	3	2	b	14.5	200	b	15	200
TDH-40-3		1.1	1-1/2"	3	3	c	20	200	c	20.5	200
TDH-40-5		1.1	1-1/2"	3	5	d	28.5	300	d	28.5	300
TDH-40-6		1.1	1-1/2"	3	5.5	e	30	300	e	31	300
TDH-50-7.5		1.1	2"	3	7.5	f	32	300	f	32	300
TDH-50-10		1.1	2"	3	10	g	38	400	g	38	400

(測試介質: 水 比重: 1.0)
(test medium: water proportion: 1.0)

過流部件材質耐腐蝕性一覽表 FLOW COMPONENTS MATERIAL CORROSION RESISTANCE OF THE LIST



藥液名稱 CHEMICAL SOLUTION NAME	濃度 CONCENTRATION %	溫度 TEMPERATURE °C	泵體材質 PUMP BODY MATERIALS						密封件材質 SEALS MATERIALS			耐腐蝕件材質 WEAR PARTS MATERIALS		
			GF+PP	PVDF	PPS	PEEK	PTFE	PFA	EPDM	VITON	PTFE	高純度氧化 鋁陶瓷 High purity of oxide ceramic	工程聚合 材料 Engineering plastic	
硫酸 H ₂ SO ₄ Sulfuric acid	30	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	○	●	●	●	●	●
	60	95	●	●	●	●	●	●	●	●	●	●	●	●
		40	●	●	●	●	●	●	●	●	●	●	●	●
		60	○	●	●	●	●	●	●	●	●	●	●	●
98	80	○	●	●	●	●	●	●	●	●	●	●	●	
	95	○	●	●	●	●	●	●	●	●	●	●	●	
	40	○	●	●	●	●	●	●	●	●	●	●	●	
鹽酸 HCl Hydrochloric acid	15	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	○	●	●	●	●	●	○	●	●	●	○	●
	32	40	●	●	●	●	●	●	●	●	●	●	○	●
		60	●	●	●	●	●	●	●	●	●	●	○	●
		80	○	●	●	●	●	●	●	●	●	●	○	●
鎢酸 CrO ₃ Chromium acid	20	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	○	●	●	●	●	●
硝酸 HNO ₃ Nitric acid	20	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	○	●	●	●	●	●	●	●	●	●	●	●
		80	○	●	●	●	●	●	●	●	●	●	●	●
	50	40	●	●	●	●	●	●	●	●	●	●	○	●
		60	○	●	●	●	●	●	●	●	●	●	○	●
		80	○	●	●	●	●	●	●	●	●	●	○	●
磷酸 H ₃ PO ₄ Phosphoric acid	25	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	○	●	●	●	●	●	○	●	●	●	●	●
	50	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	○	●	●	●	●	●	●	●	●	●	●	●
		80	○	●	●	●	●	●	●	●	●	●	●	●
次氯酸鈉 NaOCl Sodium hypochlorite	10	40	○	●	●	●	●	●	●	●	●	●	●	●
		60	△	●	●	●	●	●	●	●	●	●	●	●
		80	×	●	●	●	●	●	●	●	●	●	●	●
醋酸 CH ₃ COOH Acetic acid	25	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	○	●	●	●	●	●	●	●	●	●	●	●
氟酸 HF Hydrofluoric acid	25	40	×	●	●	●	●	●	●	●	●	●	○	●
		60	×	●	●	●	●	●	●	●	●	●	○	●
		80	×	●	●	●	●	●	●	○	●	●	○	●
王水 HCl+HNO ₃ Aqua regia	3:1	40	×	●	●	●	●	●	●	●	●	●	●	●
		60	×	●	●	●	●	●	●	●	●	●	●	●
		80	×	●	●	●	●	●	●	●	●	●	●	●
雙氧水 H ₂ O ₂ Hydrogen peroxide	10	40	○	●	●	●	●	●	●	●	●	●	●	●
		60	○	●	●	●	●	●	●	●	●	●	●	●
		80	×	●	●	●	●	●	●	●	●	●	●	●
氫氧化鈉 NaOH Sodium hydroxide	45	40	○	●	●	●	●	●	●	●	●	○	●	●
		60	○	●	●	●	●	●	●	●	●	○	●	●
		80	○	●	●	●	●	●	●	●	○	●	●	●
氯化鐵 FeCl ₃ Ferric chloride	40	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	●	●	●	●	●	●
氰化銅 Cu(CN) ₂ copper cyanide	40	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	●	●	●	●	●	●
氯化鋅 ZnCl ₂ zinc chloride	40	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	●	●	●	●	●	●
硫酸鎳 NiSO ₄ Nickel sulfate	40	40	●	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	●	●	●	●	●	●

● 優 EXCELLENT ○ 良 GOOD △ 不良 NOT GOOD × 差 BAD

以上只列出大部分電鍍和線路板廠常用藥液的使用環境, 它只能適應此濃度和溫度以下環境, 起了此範圍的藥液請與我們聯系。
Above list only most plating and circuit board factory commonly used the use environment of solution, it can get used to the concentration and temperature below the environment, super this range solution or please contact with us.