



TDF 磁力泵系列

TDF Series of Magnetic Pump



優良的耐腐蝕性能，超長的使用壽命

Excellent corrosion resistance, long service life.

1、磁力同步驅動，無軸封無接觸摩擦，功耗小效率高，避免介質洩漏。

Magnetic synchronous drive, without shaft sealing contact friction, low consumption, high efficiency, avoid leakage.

2、用途廣泛，PCB製程、化學工業、過濾循環、蝕刻、電鍍、表面處理、汙水處理等等。

Wide range of USES, PCB process, chemical industry, filtration cycle, etching, electroplating, surface treatment, sewage treatment and etc.

過流部件可選材料及溫度範圍

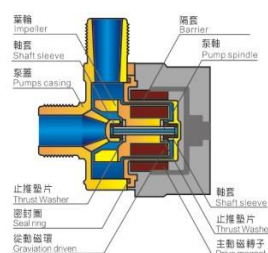
Flow components can select material and temperature range

過流部件 FLOW COMPONENTS	材料 MATERIALS	溫度範圍 TEMPERATURE RANGE
泵體 PUMP BODY	GF+PP	0°C~80°C
	PVDF	-30°C~100°C
密封件 SEALS	EPDM	0°C~60°C
	VITON	-55°C~200°C
	PTFE	-180°C~250°C
耐磨件 WEAR PARTS	碳石墨 Carbon-graphite	-10°C~80°C
	高純度氧化類陶瓷 High purity of oxide ceramic	-60°C~150°C

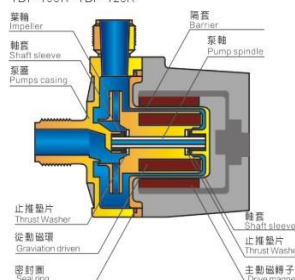
特殊材質可另訂製 / Special materials can be ordered

原理圖 / Principle diagram

TDF-30R~TDF-70R



TDF-100R~TDF-120R



性能參數 (以下是在馬達頻率為50Hz時的值)

Performance parameters (The following is in the motor frequency for frequency 50 Hz of value)

型號 MODEL	鑲紋接口 SCREWED DIMETER 進出口徑 (INO OUTLET DIMETER)	最大流量 MAX. CAPACITY (L/min)	最高揚程 MAX. Head (m)	最佳工作點 STANDARD DUTY POINT (M-L/min)	最小流量 MAX. HEAD (L/min)	比重極限 S.G.	馬達 MOTOR			參考重量 WEIGHT (kg)
							功率 (W) POWER	相數 PHASE	頻率 (Hz) FREQUENCY	
TDF-30R	20/20	35	3.8	2.5-16	0.6	1.1	45	1-220V/3-220V/3-380V	50/60	4.25
TDF-40R	20/20	43	4.6	4-22	0.8	1.1	65	1-220V/3-220V/3-380V	50/60	4.29
TDF-55R	25/25	65	5.6	4-30	0.8	1.2	120	1-220V/3-220V/3-380V	50/60	6.86
TDF-70R	25/25	85	6.7	4-50	1.0	1.2	150	1-220V/3-220V/3-380V	50/60	7.42
TDF-100R	25/25	100	8.6	6.5-60	1.2	1.2	260	1-220V/3-220V/3-380V	50/60	9.4
TDF-120R	25/25	120	9.2	7.5-60	1.2	1.2	370	1-220V/3-220V/3-380V	50/60	10.27

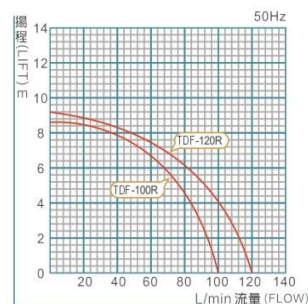
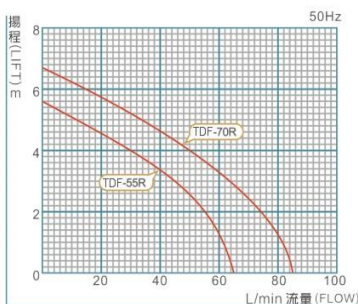
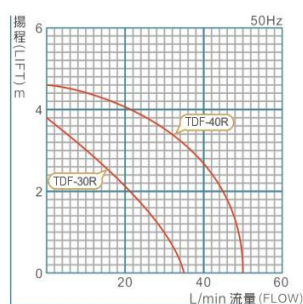
備註 (NOTE):

- 以上所示的比重極限是當軸功率最大，液體黏度為1mpa·s時的值。
- 上述比重極限是指最大流量時的值，根據流量的變化，比重極限也會有所變化，如需調整請與我們聯繫。
- 環境溫度範圍：0~40°C
- Shown above the limit is the proportion of the shaft power when the largest, liquid viscosity for 1 mPa · s value.
- The key limit refers to than the maximum flow of value, according to the change of flow, proportion limit will also change, such as the need to adjust, please contact us.
- Environment temperature range: 0~40°C

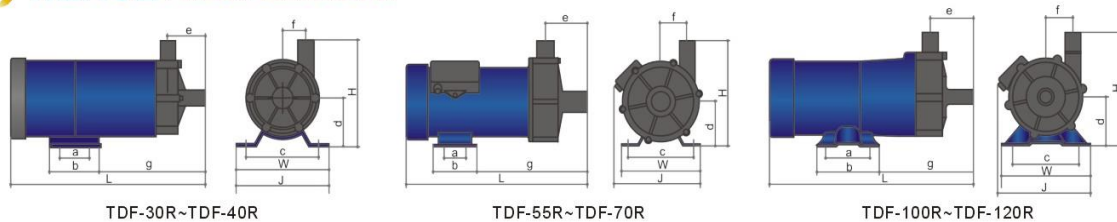


↑ TDF系列分解圖 / TDF series decomposition figure

↓ 性能曲線圖 / Performance curve



↓ 外型尺寸圖 / Install Dimension



↓ 外型尺寸表 / Dimension Table

型號 MODEL	L(mm)	W(mm)	H(mm)	a(mm)	b(mm)	c(mm)	d(mm)	e(mm)	f(mm)	g(mm)	J(mm)
TDF-30R	271	122	131	40	64	99	61	53	31.5	156	122
TDF-40R	271	122	131	40	64	99	61	53	31.5	156	122
TDF-55R	284	142	147	69	97	108	65	57	43	133	183
TDF-70R	284	142	147	69	97	108	65	57	43	133	183
TDF-100R	331	156	169	70	101	110	73	66	44	146	195
TDF-120R	331	156	169	70	101	110	73	66	44	146	195

備註 (NOTE):

- 泵和液體無金屬接觸可接受液體含有固體顆粒, 微粒大小和硬度請諮詢我們
- 磁力泵不能在出口閥關閉狀態下連續運行, 必須保證最小流量。
- TDF-30R~TDF-120R有軟管轉換接頭選配, TDF-55R~TDF-120R有法蘭選配
- Pump and liquid no metal contact can accept liquid containing solid particles, particle size and hardness please consult us
- Magnetic pump in the outlet valve can't closed run continuously, must ensure that the minimum flow.
- TDF-30R~TDF-120R has tube conversion joint matching, TDF-55R~TDF-120R have flanges matching.



TDX 磁力泵系列

TDX Series of Magnetic Pump



高精度、高效率磁力泵

High precision, high efficiency magnetic pump.

1、磁力同步驅動，無軸封無接觸摩擦，功耗小效率高，避免介質洩漏
Magnetic synchronous drive, without shaft sealing contact friction, low consumption, high efficiency, avoid media leaks.

2、用途廣泛，PCB製程、化學工業、過濾循環、蝕刻、電鍍、表面處理、汙水處理等等

Wide range of USES, PCB process, chemical industry, filtration cycle, etching, electroplating, surface treatment, sewage treatment and so on.

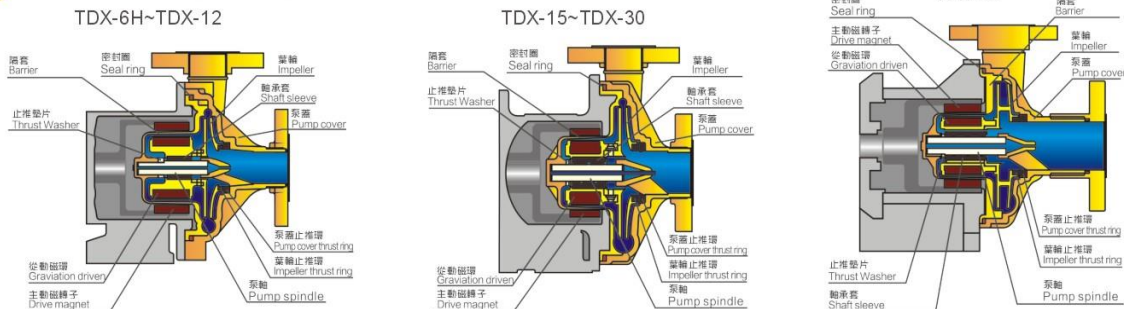
過流部件可選材料及溫度範圍

Flow components can select material and temperature range

過流部件 FLOW COMPONENTS	材料 MATERIALS	溫度範圍 TEMPERATURE RANGE
泵體 PUMP BODY	GF+PP	0°C~80°C
	PVDF	-30°C~100°C
密封件 SEALS	EPDM	0°C~60°C
	VITON	-55°C~200°C
	PTFE	-180°C~250°C
耐磨件 WEAR PARTS	碳石墨 Carbon-graphite	-10°C~80°C
	高純度氧化類陶瓷 High purity of oxide ceramic	-60°C~150°C

特殊材質可另訂製 / Special materials can be ordered

原理圖 / Principle diagram



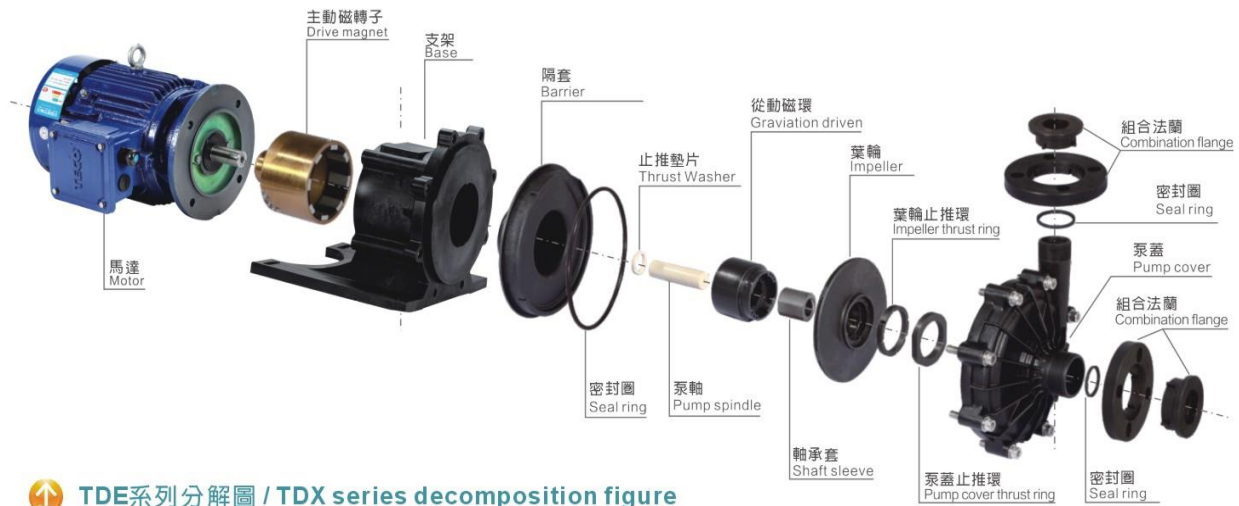
性能參數 (以下是在馬達頻率為50Hz時的值)

Performance parameters (The following is in the motor frequency for frequency 50 Hz of value)

型號 MODEL	進出口徑 (IN/OUTLET DIAMETER (mm))	最大流量 MAX. CAPACITY (L/min)	最高揚程 MAX. Head (m)	最佳工作點 STANDARD DUTY POINT (M-L/min)	最小流量 MAX. HEAD (L/min)	比重極限 S.G.	馬達 MOTOR			參考重量 WEIGHT (kg)
							功率 (kW) POWER	相數 PHASE	頻率 (Hz) FREQUENCY	
TDX-6H	25/25	130	13	11-50	10	1.2	0.37	3-220V、3-380V	50/60	19.5
TDX-8H	25/25	160	15	13-80	10	1.2	0.4	3-220V、3-380V	50/60	19.5
TDX-10	40/40	240	15	10.5-100	10	1.2	0.4	3-220V、3-380V	50/60	20.65
TDX-12	40/40	350	17	14.5-150	10	1.2	0.75	3-220V、3-380V	50/60	23.77
TDX-15	50/40	400	23	20-200	20	1.2	1.5	3-220V、3-380V	50/60	34.97
TDX-25	50/40	500	25	23-200	20	1.2	2.2	3-220V、3-380V	50/60	39.6
TDX-30	50/40	660	31	25-300	50	1.2	3.7	3-220V、3-380V	50/60	43.48
TDX-40	65/50	860	35	25-400	50	1.2	3.7	3-220V、3-380V	50/60	53

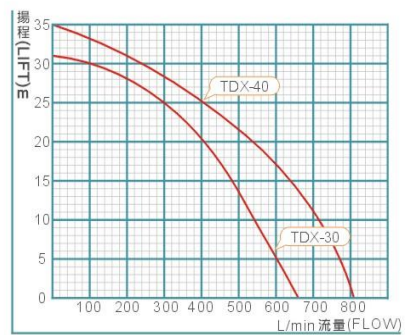
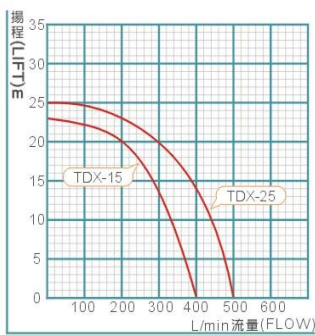
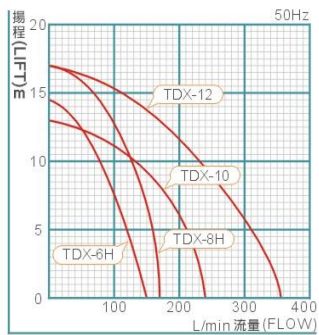
備註 (NOTE):

- 以上所示的比重極限是當軸功率最大，液體黏度為1mPa·s時的值。
- 上述比重極限是指最大流量時的值，根據流量的變化，比重極限也會有所變化，如需調整請與我們聯繫。
- 環境溫度範圍
- Shown above the limit is the proportion of the shaft power when the largest, liquid viscosity for 1 mPa · s value.
- The key limit refers to than the maximum flow of value, according to the change of flow, proportion limit will also change, such as the need to adjust, please contact us.
- Environment temperature range: 0 ~ 40 °C

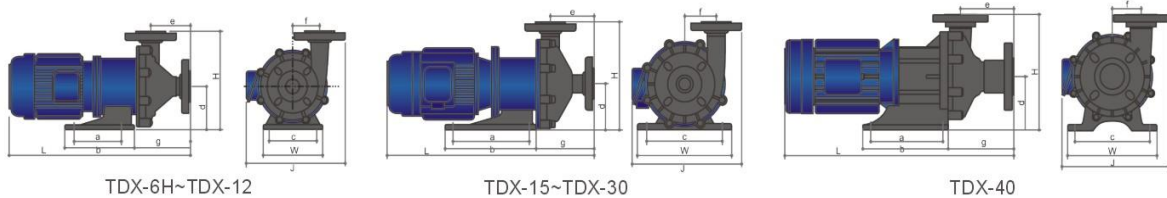


👉 TDE系列分解圖 / TDX series decomposition figure

👇 性能曲線圖 / Performance curve



👉 外型尺寸圖 / Install Dimension



👇 外型尺寸表 / Dimension Table

型號 MODEL	L(mm)	W(mm)	H(mm)	a(mm)	b(mm)	c(mm)	d(mm)	e(mm)	f(mm)	g(mm)	J(mm)
TDX-6H	486	160	260	130	205	130	118	102	65	146	290
TDX-8H	486	160	260	130	205	130	118	102	65	146	290
TDX-10	502	160	261	115	221	130	122	116	61	143	290
TDX-12	502	160	261	115	221	130	122	116	61	143	290
TDX-15	595	260	286	202	251	205	124	93	80	113	310
TDX-25	595	260	286	202	251	205	124	93	80	113	310
TDX-30	602	260	286	202	251	205	124	93	80	113	310
TDX-40	658	260	310	202	251	205	143	143	80	140	350

備註 (NOTE):

- 泵和液體無金屬接觸，可接受液體會含有固體顆粒，微粒大小和硬度請諮詢我們
- Pump and liquid no metal contact, can accept liquid containing solid particles, particle size and hardness please consult us
- 泵不能在出口閥關閉狀態下連續運行，必須保證最小流量
- Pump in the outlet valve can't closed run continuously, must ensure that the minimum flow