



泰鼎
THAIDEAN

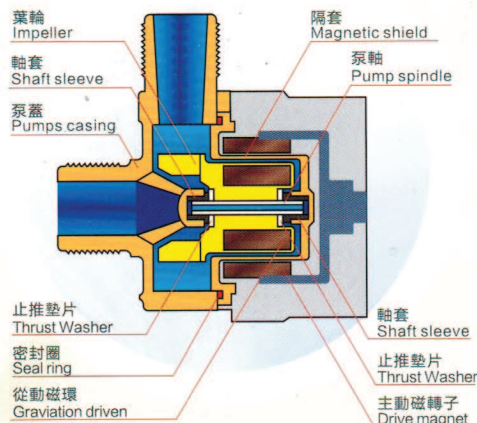
泰鼎磁力泵TDF系列



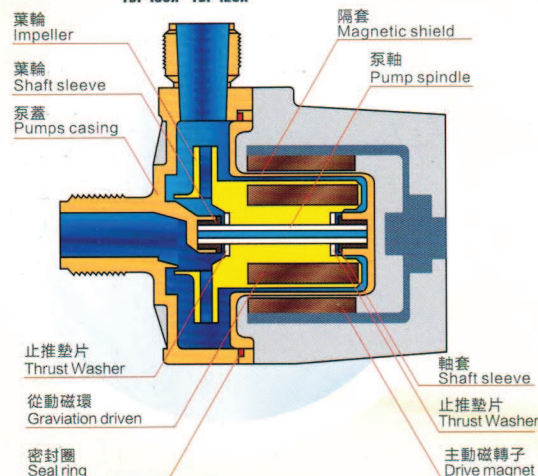
>> 原理圖

Principle diagram

TDF-30R~TDF-70R



TDF-100R~TDF-120R



優良的耐腐蝕性能，超長的使用壽命
Excellent corrosion resistance, long service life.

TDF系列磁力泵，是一款緊湊小巧型產品，零部件採用了模塊化設計，組成部件少，安裝維修十分方便。

TDF series of magnetic pump, is a compact compact products, spare parts using modular design, less components, is very convenient in installation and maintenance.

>> 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℃~80℃
	PVDF	-10℃~100℃
	PPS	-5℃~120℃
	PEEK	-5℃~120℃
	PTFE	-50℃~150℃
密封件 SEALS	PFA	-30℃~120℃
	EPDM	0℃~60℃
	VITON	-5℃~100℃
耐磨件 WEAR PARTS	PTFE	-50℃~150℃
	高純度氧化鋁陶瓷 High purity of oxide ceramic 工程複合類矽陶瓷 Engineering composite class silicon ceramics	-20℃~150℃ -50℃~280℃

>> 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	鏤紋接口 SELF-CONTAINED GRAIN INTERFACE	最大流量 MAXIMUM FLOW (L/min)	最高揚程 MAXIMUM LIFT (m)	最佳工作點 BEST WORKING POINT (m-L/min)	最小流量 MINIMUM FLOW (L/min)	比重極限 PROPORTION LIMIT	馬達 MOTOR		
	入口/出口 IMPORT/EXPORT						功率 (W) POWER	相位 PHASE	頻率 (Hz) FREQUENCY
TDF-30R	G $\frac{3}{4}$	35	3.8	2.5-16	0.6	1.1	45	1-220V	50/60
TDF-40R	G $\frac{3}{4}$	43	4.6	4-22	0.8	1.1	65	1-220V、3-220V、3-380V	50/60
TDF-55R	G1	65	5.6	4-30	0.8	1.2	120	1-220V、3-220V、3-380V	50/60
TDF-70R	G1	85	6.7	4-50	1.0	1.2	150	1-220V、3-220V、3-380V	50/60
TDF-100R	G1	100	8.6	6.5-60	1.2	1.2	260	1-220V、3-220V、3-380V	50/60
TDF-120R	G1	120	9.2	7.5-60	1.2	1.2	370	1-220V、3-220V、3-380V	50/60

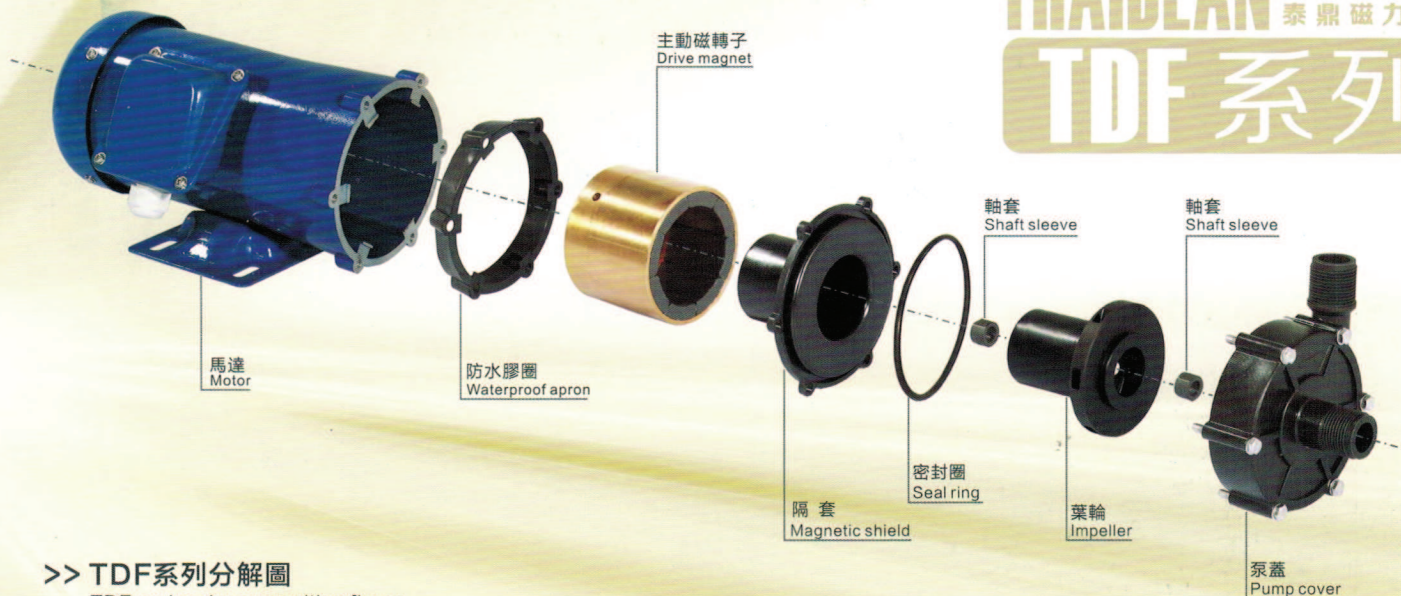
備註(NOTE):

- 以上所示的比重極限是當軸功率最大，液體粘度為1mPa·s時的值。
Shown above the limit is the proportion of the shaft power when the largest, liquid viscosity for 1 mPa · s value.
- 上述比重點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。
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.

· 環境溫度範圍: 0~40℃
Environment temperature range: 0 ~ 40 °C

THAIDEAN PUMP 泰鼎磁力

TDF 系列

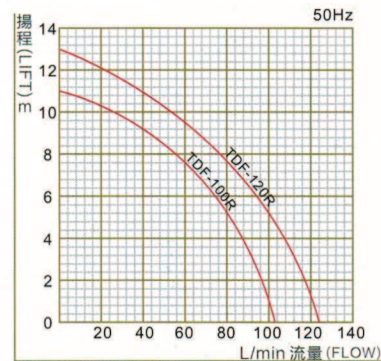
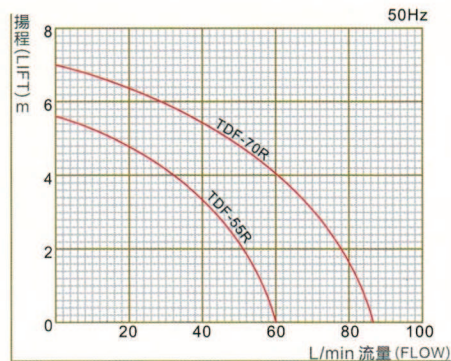
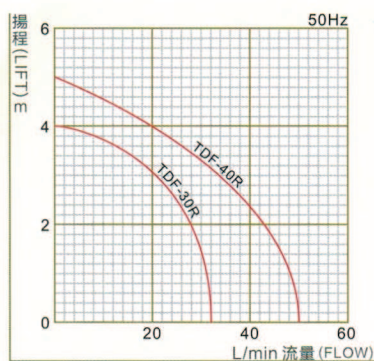


>> TDF系列分解圖

TDF series decomposition figure

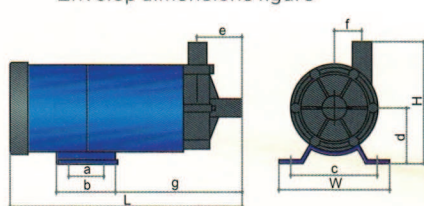
>> 性能曲線圖

Performance curve

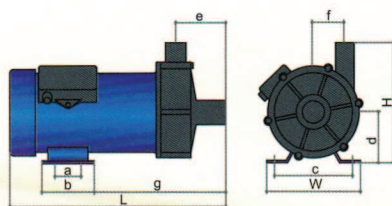


>> 外型尺寸圖

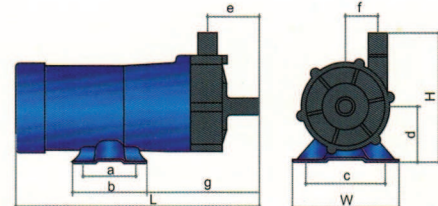
Envelop dimensions figure



TDF-30R~TDF-40R



TDF-55R~TDF-70R



TDF-100R~TDF-120R

>> 外型尺寸表

Envelop dimensions table

型號 MODEL	L (mm)	W (mm)	H (mm)	a (mm)	b (mm)	c (mm)	d (mm)	e (mm)	f (mm)	g (mm)
TDF-30R	272	122	131	40	64	101	61	53	31.5	148
TDF-40R	282	122	131	40	64	101	61	53	31.5	158
TDF-55R	273	142	157	72	97	108	65	57	43	119
TDF-70R	282	142	157	72	97	108	65	57	43	128
TDF-100R	338	156	180	70	101	110	73	66	44	144
TDF-120R	349	156	180	70	101	110	73	66	44	144

備註(NOTE):

- 泵和液體無金屬接觸。
Pump and liquid no metal contact.
- 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。
Magnetic pump in the outlet valve can't closed run continuously, must ensure that the minimum flow.

- 可接受液體含有固體顆粒，微粒大小和硬度請諮詢我們。
Can accept liquid containing solid particles, particle size and hardness please consult us.
- TDF-30R~TDF-120R 有軟管轉換接頭選配，TDF-55R~TDF-120R 有法蘭選配。
TDF-30R~TDF-120R has tube conversion joint matching, TDF-55R~TDF-120R have flanges matching.

