



泰鼎机械泵TGD系列



實用型自吸機械泵 The practical self-priming mechanical pump.

此系列機械泵專為價格敏感型客戶設計。
This series mechanical pump designed for price sensitive type customer design.



>> 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℃
	PTFE	-50℃~150℃
	PFA	-30℃~120℃
密封件 SEALS	EPDM	0℃~60℃
	VITON	-5℃~100℃
耐磨件 WEAR PARTS	高純度氧化鋁陶瓷 High purity of oxide ceramic	-20℃~150℃
	工程複合材料陶瓷 Engine composite ceramic	-50℃~280℃

>> 性能參數 (以下是在標準電壓50Hz時的值) Performance parameters (The following is in the motor frequency 50 Hz of value)

型號 MODEL	法蘭接口 入口/出口 FLANGE INTERFACE INLET/OUTLET	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		
							功率(kw) POWER	相位 PHASE	頻率(Hz) FREQUENCY
TGD-12	DN40XDN40	210	7	5-150	10	1.2	0.75	3-220V、3-380V	50/60
TGD-22	DN40XDN40	300	12	9-200	10	1.2	1.5	3-220V、3-380V	50/60
TGD-32	DN50XDN50	410	18	12-330	20	1.2	2.2	3-220V、3-380V	50/60
TGD-52	DN50XDN50	550	20	15-380	50	1.2	3.7	3-220V、3-380V	50/60
TGD-72	DN80XDN80	730	22	18-450	50	1.2	3.7	3-220V、3-380V	50/60

備註(NOTE):

- 以上所示的比重極限是電機功率最大，液體粘度為1mPa·s時的值。
Shown above the limit is the proportion of the flow power when the liquid has viscosity of 1 mPa·s value.
- 上述流量點均為最大流量時的值，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 when 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.

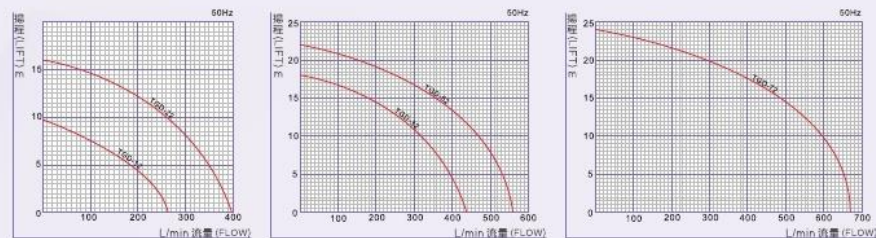
· 環境溫度範圍: 0~40℃
Environment temperature range: 0~40℃

THAIDEAN PUMPS 泰鼎機械泵 TGD系列

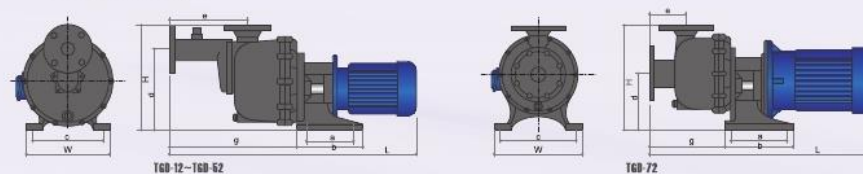


>> TGD系列分解圖
TGD series decomposition figure

>> 性能曲線圖 Performance curve



>> 外型尺寸圖 Envelop dimensions figure



>> 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)	ø (mm)	g (mm)
TGD-12	778	250	335	142	325	205	255	243	396
TGD-22	813	250	335	142	325	205	255	243	396
TGD-32	818	250	330	142	325	205	263	242	396
TGD-52	818	250	330	142	325	205	263	242	396
TGD-72	734	250	330	142	325	205	159	108	320

備註(NOTE):

- 泵和液體無金屬接觸，液進口自吸高度為2米。
Pump and liquid no metal contact, the liquid self-priming height is 2 meters.
- 磁力泵不能在出口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，微粒大小和硬度請咨詢我們。
Can accept liquid containing solid particles, particle size and hardness please consult us.



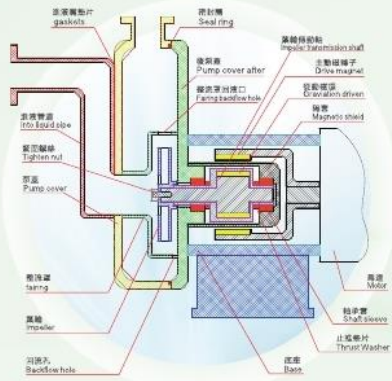
泰鼎
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泰鼎磁力泵TDB系列



高質量輸送液體自吸排氣
High quality transmission fluid self-priming exhaust

>> 原理圖 Principle diagram



TDB系列自吸排氣式耐腐蝕離心化工泵，是一款高穩定性產品，是專為要求高質量輸送液體而設計，不會產生微小氣泡，此泵結構已經獲得獨家專利。

Exhaust type self-priming TDB series corrosion centrifugal chemical pump, is a high stability products, is designed for high quality requirements and design liquid transportation, won't produce tiny bubbles, the pump structure has already obtained the patent.

>> 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℃
	PTFE	-50℃-150℃
	PFA	-30℃-120℃
密封件 SEALS	EPDM	0℃-60℃
	VITON	-5℃-100℃
耐磨件 WEAR PARTS	高純度氧化鋁陶瓷 High purity of oxide ceramic	-20℃-150℃
	工程複合矽砂陶瓷 Engineering composite silicon carbide ceramic	-50℃-280℃

>> 性能參數 (以下是在最高轉速50Hz時的值) Performance parameters (The following is in the motor frequency for 50 Hz of value)

型號 MODEL	法蘭接口 FLANGE CONNECTIONS 入口/出口 INLET/OUTLET	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		
							功率 (Kw) POWER	相位 PHASE	頻率 (Hz) FREQUENCY
TDB-12	DN40XDN40	210	7	5-150	10	1.2	0.75	3-220V、3-380V	50/60
TDB-18	DN40XDN40	300	12	9-200	10	1.2	1.5	3-220V、3-380V	50/60
TDB-25	DN50XDN50	410	18	12-330	20	1.2	2.2	3-220V、3-380V	50/60
TDB-30	DN80XDN80	550	20	15-380	50	1.2	3.0	3-220V、3-380V	50/60
TDB-40	DN80XDN80	730	22	18-450	50	1.2	3.7	3-220V、3-380V	50/60

備註(NOTE):

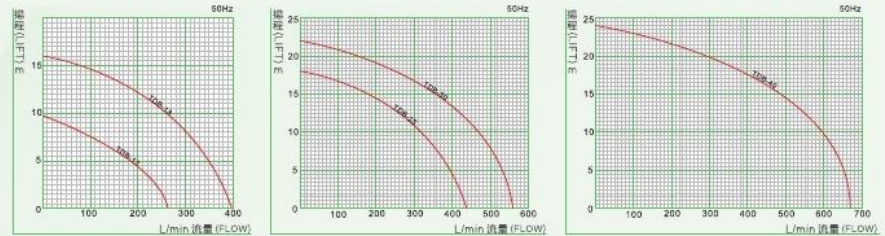
- 以上所示的比重極限是當軸功率最大，液體粘度為1mPa·s時的值。
Shown above is the proportion of the shaft power when the liquid viscosity is 1 mPa·s.
- 上述流量數據是向最大流量時的值，根據流量的變化，比重極限也會有所變化，如需調整，請與我們聯繫。
The key limit refers to the maximum flow of value, according to the change of flow, proportion limit will also change, such as the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

THAIDEAN PUMPS 泰鼎磁力泵 TDB系列

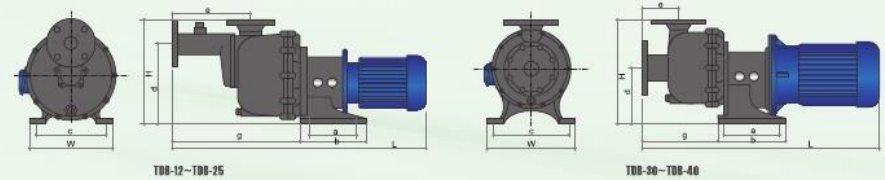


>> TDB系列分解圖
TDB series decomposition figure

>> 性能曲線圖 Performance curve



>> 外型尺寸圖 Envelope dimensions figure



>> 外型尺寸表 Envelope dimensions table

型號 MODEL	L (mm)	W (mm)	H (mm)	ø (mm)	b (mm)	c (mm)	d (mm)	e (mm)	g (mm)
TDB-12	800	265	340	163	235	230	258	200	396
TDB-18	820	265	340	163	235	230	258	200	396
TDB-25	820	265	340	163	235	230	258	214	396
TDB-30	858	265	345	163	235	230	163	108	320
TDB-40	858	265	345	163	235	230	163	108	320

備註(NOTE):

- 泵和液體無金屬接觸，液進口自吸高度為2米。
Pump and liquid no metal contact, into the liquid self-priming height is 2 meters.
- 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.
- 磁力泵不能在出口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.