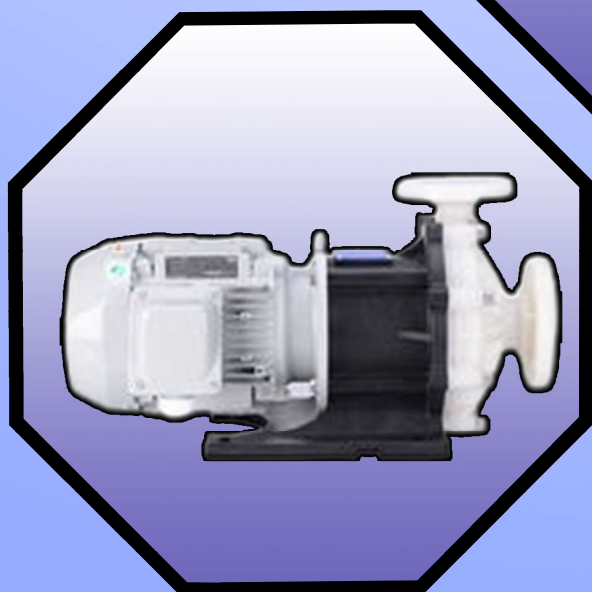




MAGNETIC DRIVE PUMP



**WDF
PVDF**



WDX - PVDF



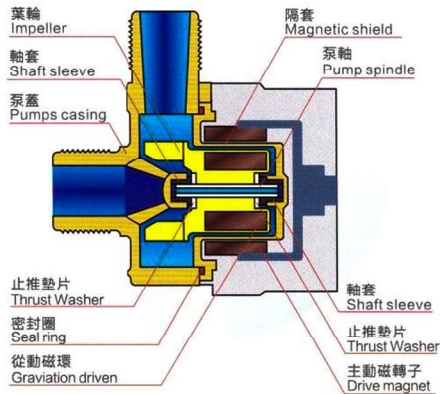
WDX-FRPP

WDF SERIES

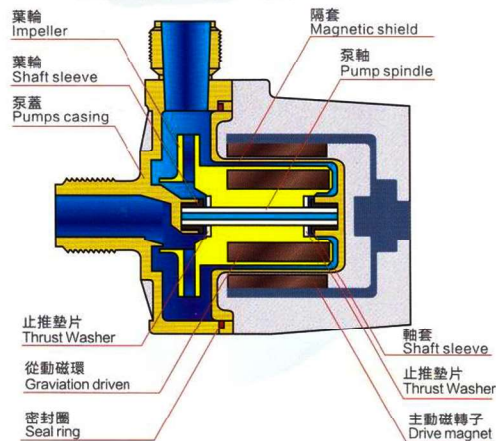
>> 原理圖

Principle diagram

WDF-30R ~ WDF-70R



WDF-100R ~ WDF-120R



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

WDF 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。

WDF 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℃
	PFA	-30℃~120℃
密封件 SEALS	EPDM	0℃~60℃
	VITON	-5℃~100℃
	PTFE	-50℃~150℃
耐磨件 WEAR PARTS	高純度氧化鋁陶瓷 High purity of oxide ceramic	-20℃~150℃
	工程複合類矽陶瓷 Engineering composite class silicon ceramics	-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	螺紋接口 SELF-CONTAINED 入口/出口 IMPORT/EXPORT	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	功率 (W) POWER (W)	馬達 MOTOR 相位 PHASE	頻率 (Hz) FREQUENCY
WDF-30R	G $\frac{3}{4}$	35	3.8	2.5-16	0.6	1.1	45	1-220V	50/60
WDF-40R	G $\frac{3}{4}$	43	4.6	4-22	0.8	1.1	65	1-220V、3-220V、3-380V	50/60
WDF-55R	G1	65	5.6	4-30	0.8	1.2	120	1-220V、3-220V、3-380V	50/60
WDF-70R	G1	85	6.7	4-50	1.0	1.2	150	1-220V、3-220V、3-380V	50/60
WDF-100R	G1	100	8.6	6.5-60	1.2	1.2	260	1-220V、3-220V、3-380V	50/60
WDF-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，請與我們聯系。
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.

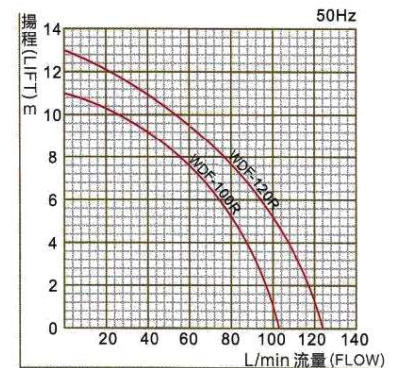
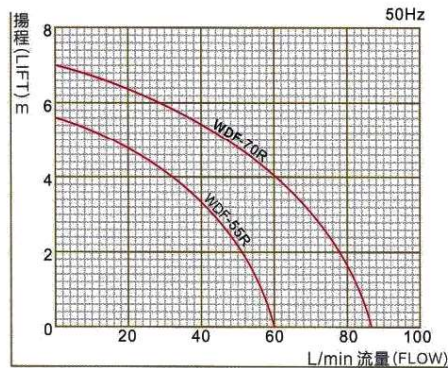
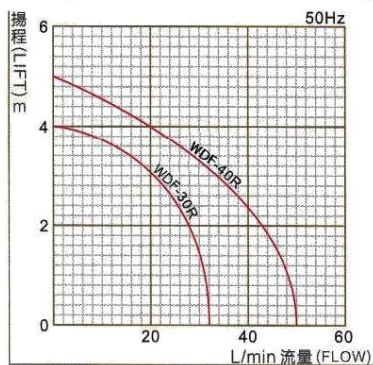
· 環境溫度範圍: 0~40℃
Environment temperature range: 0 ~ 40 ℃

CHEMICAL PUMP

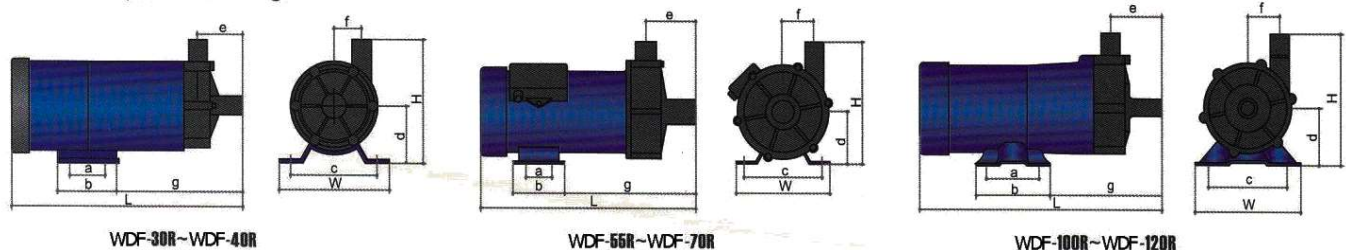


>> WDF系列分解圖
WDF series decomposition figure

>> 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)	e (mm)	f (mm)	g (mm)
WDF-30R	272	122	131	40	64	101	61	53	31.5	148
WDF-40R	282	122	131	40	64	101	61	53	31.5	158
WDF-55R	273	142	157	72	97	108	65	57	43	119
WDF-70R	282	142	157	72	97	108	65	57	43	128
WDF-100R	338	156	180	70	101	110	73	66	44	144
WDF-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.
- WDF-30R~WDF-120R 有軟管轉換接頭選配，WDF-55R~WDF-120R 有法蘭選配。
WDF-30R ~ WDF-120R has tube conversion joint matching, WDF-55R ~ WDF-120R have flanges matching.

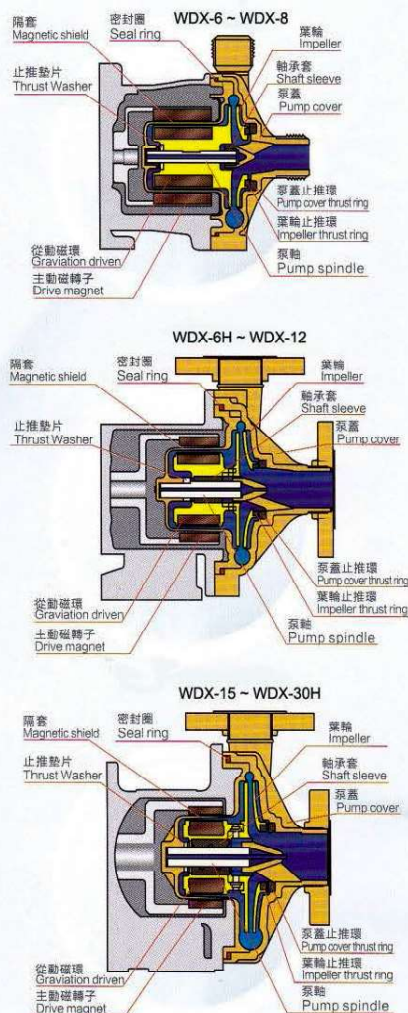


CHEMICAL PUMP

WDX SERIES

>> 原理圖

Principle diagram



高精度、高效率磁力泵
High precision, high efficiency magnetic pump.

WDX 系列是一款堅實耐用的產品，其設計理念是高可靠、高效率、長壽命。在結構上突破傳統概念，實現了在較大流量下，無阻礙密封式全進水。

WDX series is a solid and durable products, and its design concept is the high reliability, high efficiency and long life. On the structure break through the traditional concept, realize the flow in the larger, unimpeded equipped with all the water.

>> 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℃
	PFA	-30℃~120℃
密封件 SEALS	EPDM	0℃~60℃
	VITON	-5℃~100℃
	PTFE	-50℃~150℃
耐磨件 WEAR PARTS	高純度氧化鋁陶瓷 High purity of oxide ceramic 工程複合矽砂陶瓷 Engineering composite sand 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	螺紋/法蘭接口 SELF-CONTROLLED DRAIN FLANGE INTERFACE 入口/出口 INLET/EXPORT	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
WDX-6	G1XG1 (DN25XDN25)	90	7.8	5.4-50	1	1.2	0.15	1-220V, 3-220V, 3-380V	50/60
WDX-8	G1XG1 (DN25XDN25)	110	8.2	6.0-70	1	1.2	0.26	1-220V, 3-220V, 3-380V	50/60
WDX-6H	G1XG1 (DN25XDN25)	130	13	11-50	10	1.2	0.37	3-220V, 3-380V	50/60
WDX-8H	G1XG1 (DN25XDN25)	160	15	13-80	10	1.2	0.4	3-220V, 3-380V	50/60
WDX-10	G1½XG1½ (DN40XDN40)	240	15	10.5-100	10	1.2	0.4	3-220V, 3-380V	50/60
WDX-12	G1½XG1½ (DN40XDN40)	350	17	14.5-150	10	1.2	0.75	3-220V, 3-380V	50/60
WDX-15	G2XG1½ (DN50XDN40)	400	23	20-200	20	1.2	1.5	3-220V, 3-380V	50/60
WDX-20H	G2XG1½ (DN50XDN40)	450	28	23-210	20	1.2	2.2	3-220V, 3-380V	50/60
WDX-25	G2XG1½ (DN50XDN40)	500	25	23-200	20	1.2	2.2	3-220V, 3-380V	50/60
WDX-30H	G2XG1½ (DN50XDN40)	520	33	30-100	20	1.2	3.7	3-220V, 3-380V	50/60
WDX-40	G2½XG2 (DN65XDN50)	800	35	25-400	50	1.2	3.7	3-220V, 3-380V	50/60

備註(NOTE):

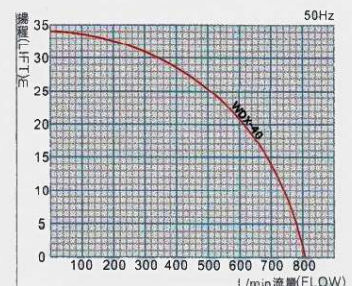
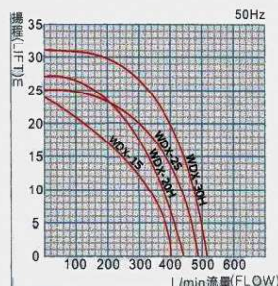
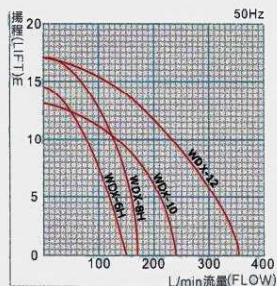
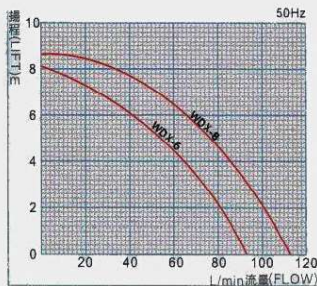
- 以上所示的比重極限是當軸功率最大，液體粘度為1mPa·s時的值。
Shown above the limit is the proportion of the shaft power when the largest, liquid viscosity for 1 mPa · s value.
- 上述比重點極限是指最大流量時的值，根據流量的變化，比重極限也會有所變化，如需調整，請與我們聯繫。
The key limit refers to than the maximum flow of value, according to the change of flow, proportion 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℃

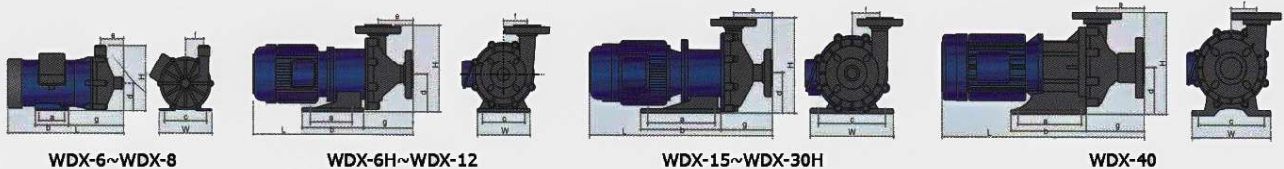


CHEMICAL PUMP

WDX SERIES



>> 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)	e (mm)	f (mm)	g (mm)
WDX-6	486	130	260	130	205	110	118	102	48	146
WDX-8	486	150	260	130	205	110	118	102	51	146
WDX-6H	486	160	260	130	205	130	118	102	65	146
WDX-8H	486	160	260	130	205	130	118	102	65	146
WDX-10	486	160	260	130	205	130	118	102	65	146
WDX-12	519	160	260	130	205	130	118	102	65	154
WDX-15	599	260	282	202	251	208	124	93	80	127
WDX-20H	599	260	282	202	251	208	124	93	80	127
WDX-25	599	260	282	202	251	208	124	93	80	127
WDX-30H	599	260	282	202	251	208	124	93	80	127
WDX-40	668	248	307	169	236	205	143	143	80	180

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.

藥液名稱 CHEMICAL SOLUTION NAME	濃度 CONCENTRATION %	溫度 TEMPERATURE ℃	泵體材質 PUMP BODY MATERIALS						密封件材質 SEALS MATERIALS			耐磨件材質 WEAR PARTS MATERIALS	
			GF+PP	PVDF	PPS	PEEK	PTFE	PFA	EPDM	VITON	PTFE	高純度氧化 類陶瓷 High purity of oxide ceramic	工程複合類 矽陶瓷 Engineering composite class silicon ceramic
硫酸 H ₂ SO ₄ Sulfuric acid	30	40	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	○	●	●	●	●
		95		●	●	●	●	●		●	●	●	●
	60	40	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	○	●	●	●	●
		80	○	●	●	●	●	●		●	●	●	●
		95		●	●	●	●	●		●	●	●	●
	98	40		●			●	●		●	●		●
		60		○			●	●		●	●		●
鹽酸 HCl Hydrochloric acid	15	40	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●
		80	○	●	●	●	●	●	○	●	●	●	●
	32	40	●	●		●	●	●		○	●	○	●
		60	●	●		●	●	●			●	△	●
		80	○	●		●	●	●			●	△	●
鉻酸 CrO ₃ Chromium acid	20	40		●	●	●	●	●		●	●	●	●
		60		●	●	●	●	●		○	●	●	●
		80		●	●	●	●	●		●	●	●	●
硝酸 HNO ₃ Nitric acid	20	40	●	●	●	●	●	●		●	●	●	●
		60	○	●	●	●	●	●		●	●	●	●
		80	○	●	●	●	●	●		●	●	●	●
	50	40	●	●		●	●	●		●	●	○	●
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 Aquaregia	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	●	●	●	●	●	●	●	●	●	●	●
		60	●	●	●	●	●	●	●	●	●	●	●
		80	●	●	●	●	●	●	●	●	●	●	●
氰化銅 Cu(CN) ₂ copper cyanide		40	●	●	●	●	●	●		●	●	●	●
		60	●	●	●	●	●	●		●	●	●	●
		80		●	●	●	●	●			●	●	●
氯化鋅 ZnCl ₂ zinc chloride		40	●	●	●	●	●	●		●	●	●	●
		60	●	●	●	●	●	●		●	●	●	●
硫酸鎳 NiSO ₄ Nickel sulfate		40	●	●	●	●	●	●		●	●	●	●
		60	●	●	●	●	●	●		●	●	●	●

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