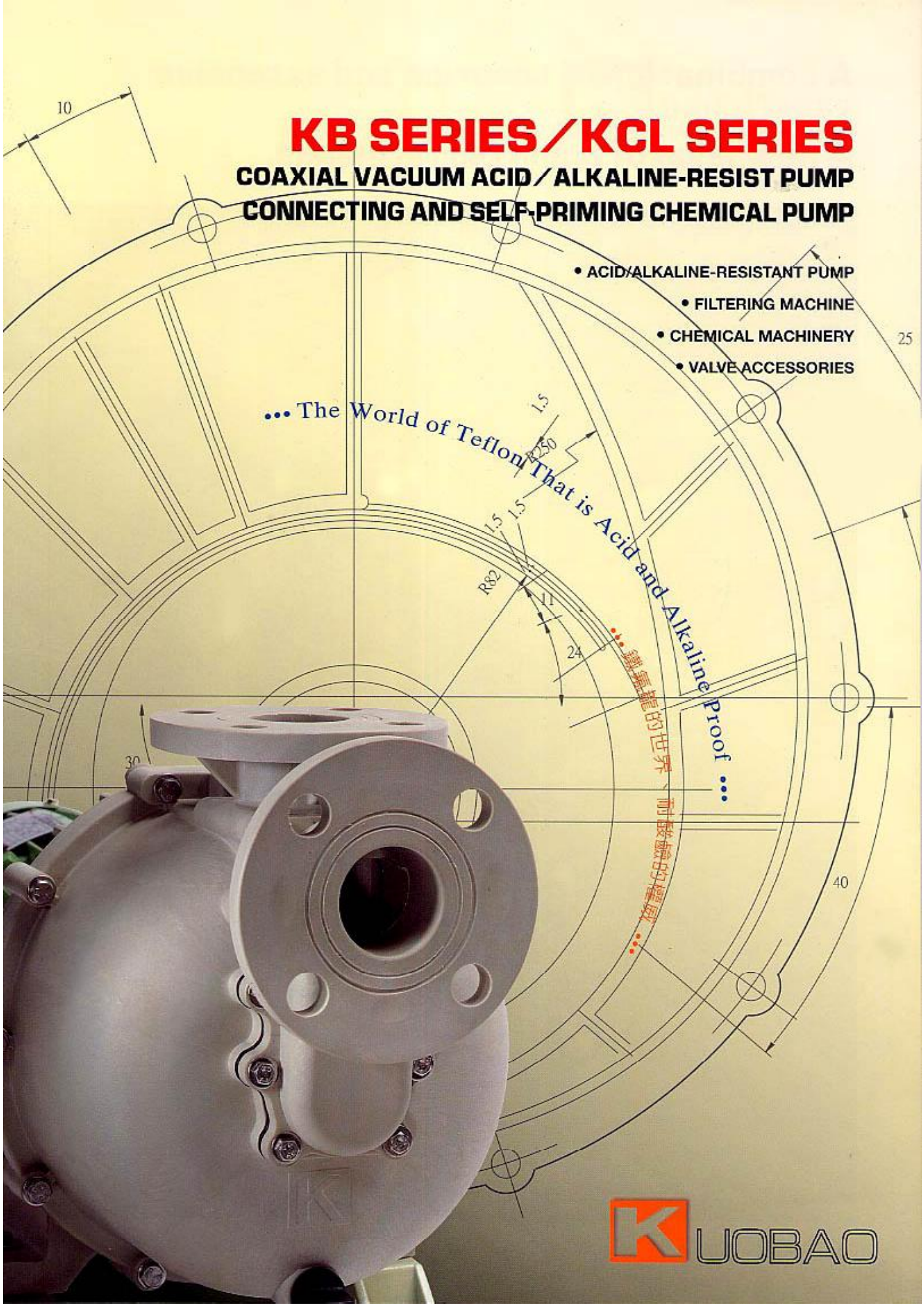




KB SERIES / KCL SERIES

COAXIAL VACUUM ACID / ALKALINE-RESIST PUMP

CONNECTING AND SELF-PRIMING CHEMICAL PUMP

- ACID/ALKALINE-RESISTANT PUMP
- FILTERING MACHINE
- CHEMICAL MACHINERY
- VALVE ACCESSORIES

... The World of Teflon That is Acid and Alkaline Proof ...

鐵氟龍的世界、耐酸鹼的權威...

K UOBAO

A combination of theorem and extensive experience.

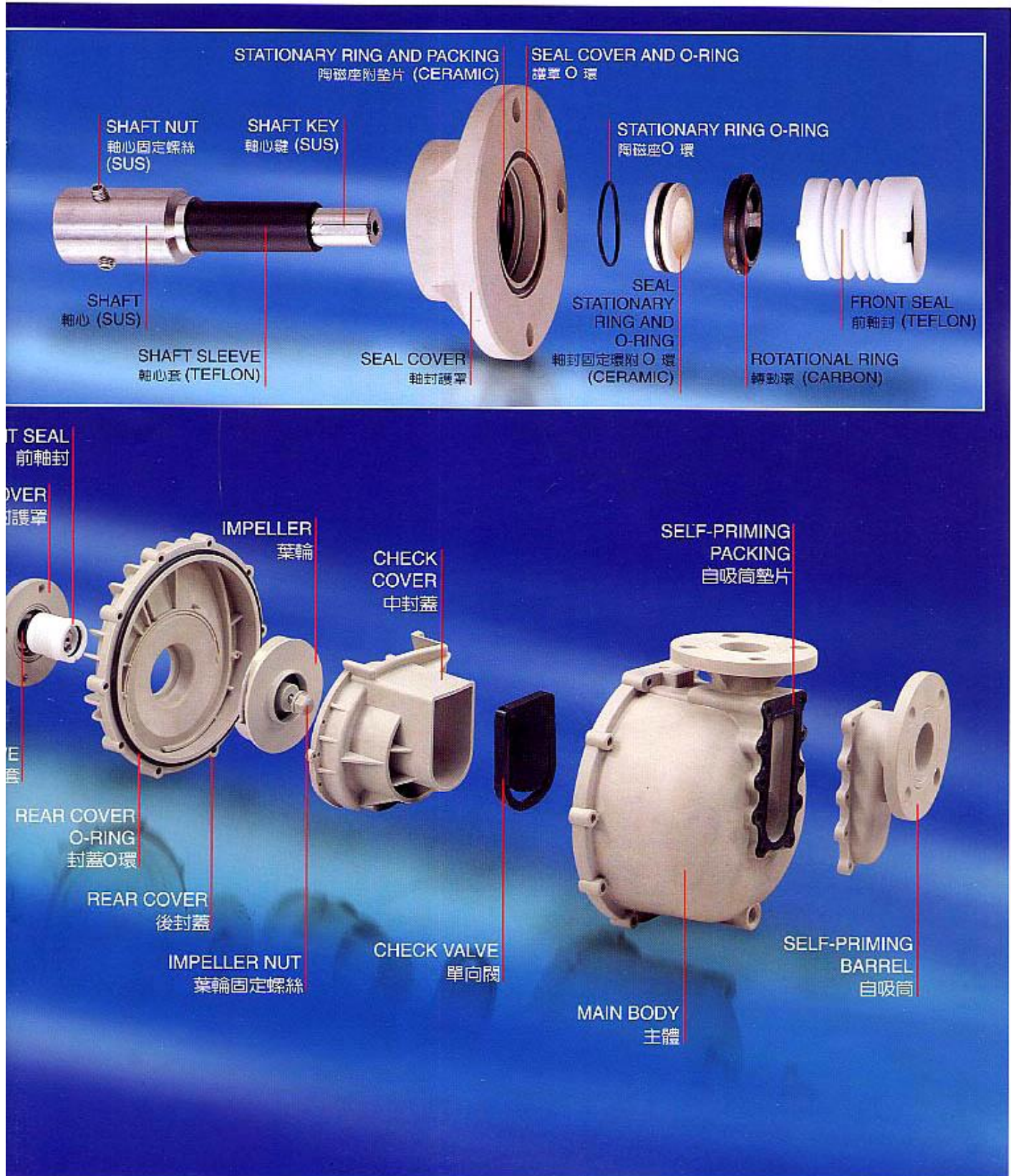
A new level of pump performance.

Zi Yi ELECTRICAL ENGINEERING CO., LTD. is an expert in design, and manufacturing of a wide variety of acid/alkaline, and chemical resistant pump. Based on the years of total dedication to the research of pump performance and chemical composition, in incorporating with the extensive experience and theoretical basis, enabled Zi Yi pumps to be a new standard. The outstanding engineering capability from Zi Yi will offer the innovative and dependable pumps to meet your requirements.....

融合理論與實務經驗。 展現泵浦性能新境界。

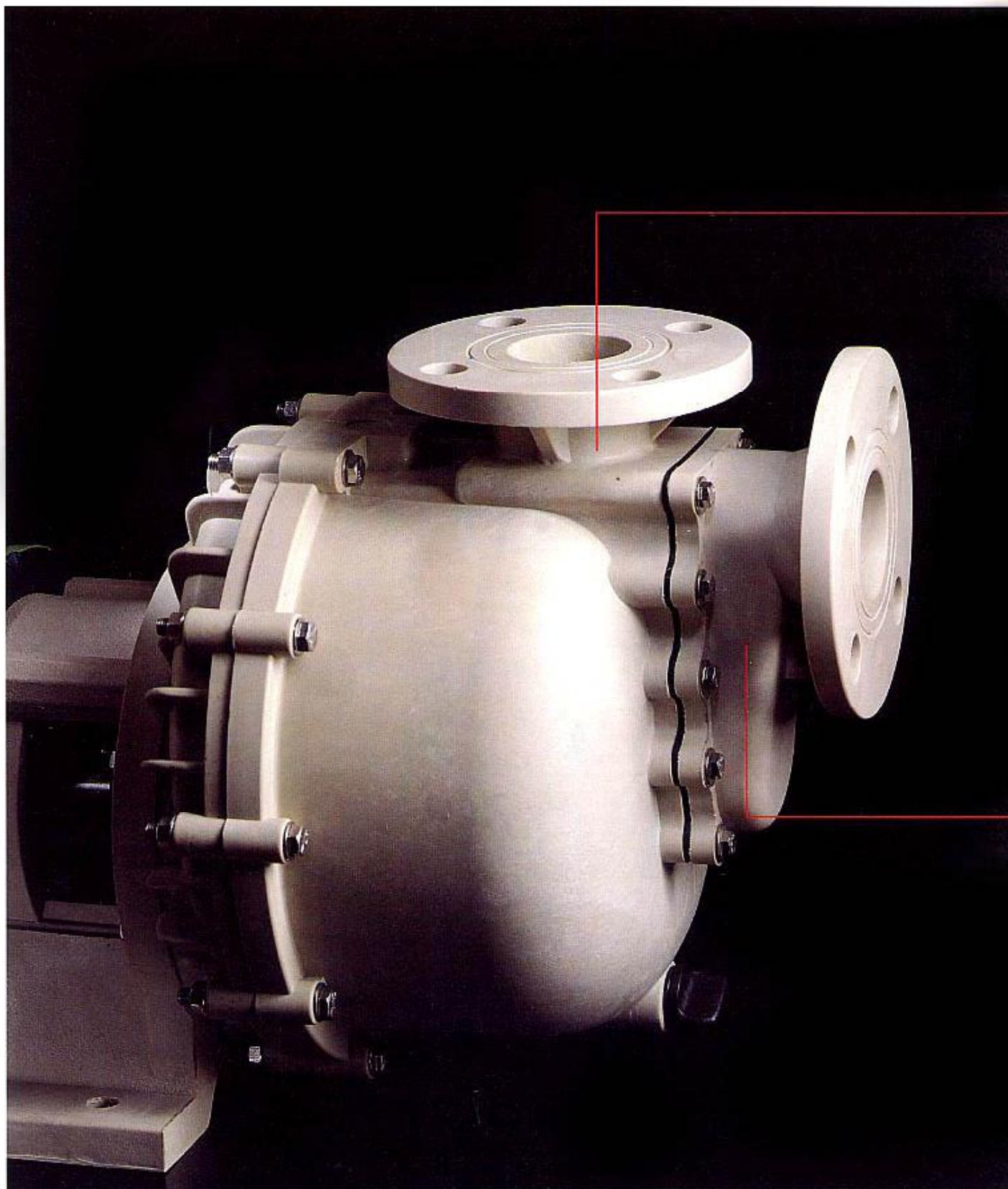
專業設計，開發製造各式耐酸鹼化學性泵浦之Zi Yi 電機股份有限公司，秉持多年來矢志鑽研泵浦特殊及化學成份，其卓越傑出的經驗與理論基礎，Zi Yi 公司為高級過濾機及泵浦之新典範。Zi Yi 公司渾厚的技術背景，將為您提供創新信賴的過濾機及泵浦。





**Superior quality of pump body.
One piece injected without welding.**

超質泵浦主體結構，前所未有品質，一體射出成型無須焊接。



Unmatched Quality. Unmatched Performance..

卓越品質。一般廠牌難與抗衡。



The pump body is manufactured from PVDF and CFRPP, FRPP. The body and upper self-priming barrel are one piece injected without welding, for leakfree performance.

泵浦主體採用 PVDF、CFRPP、FRPP 材質，主體與上方自吸筒一體射出成型，決無任何焊接點，所以決不洩漏。



The front self priming barrel is manufactured from PVDF and CFRPP, FRPP. The flange and front self priming barrel are one piece injected without welding that greatly upgrades durability, and ensures leakfree performance.

前自吸筒採用 PVDF、CFRPP、FRPP 材質，自吸筒與法蘭一體射出成型，決無焊接，更強化本產品耐用性，所以決不洩漏。



The conventional method is to weld the upper self priming barrel on the pump body, which may cause leakage at the welded position.
傳統式泵浦，主體與自吸筒採焊接方式，長時間使用焊接處容易造成洩漏情形。



The conventional method is to weld the flange on the front self priming barrel, that may cause leakage and poor durability, and seal damage due to dry running.

一般型，自吸筒與法蘭乃須焊接，耐用性欠佳，容易造成洩漏現象，以至產生入口空轉損害軸封。



POOR SELF PRIMING BARREL

- The self priming barrel can't be sealed with pump body. An additional screw shall be fitted in the inlet port for sealing purpose.
- In case of over-tightening of screw may cause glue on screw peeling off.
- If screw fall into the pump, it needs to dispatch the pump and reassemble.

設計不良之自吸筒

- 自吸筒無法與泵浦主體完全密合，必須在入口口內，加裝一根螺絲，以達完全密合之效果。
- 當螺絲旋轉過緊，可能造成螺絲上之膠套脫落。
- 組裝過程中，如螺絲掉入泵浦內，必須花費較多工時將泵浦重新拆開，取出螺絲重組。

KB SERIES 同軸自吸式耐酸鹼泵浦
COAXIAL VACUUM ACID/ALKALINE-RESIST PUMP

KCL SERIES 連接自吸式耐酸鹼泵浦
CONNECTING AND SELF-PRIMING CHEMICAL PUMP

KB / KCL	-	40	02	2	N	B	L	-	C	C	H
1		2	3	4	5	6	7		8	9	10
1		2				3			4		5
KB / KCL-TYPE		IN-OUTLET			POWER				POLE		RUBBER MATERIAL
KB/KCL-MATERIAL FRPP		40-1-1/2"			11-1 Ø 1/2HP		03-3 Ø 3HP		2-2P		N-NBR
KBC/KCLC-MATERIAL CFRPP		50-2"			13-3 Ø 1/2HP		05-3 Ø 5HP		4-4P		E-EPT
KBP/KCLP-MATERIAL PVDF		75-3"			01-3 Ø 1HP		07-3 Ø 7.5HP				V-VITON
機型編號		出入口徑			馬力				極數		橡膠材質
KB/KCL-泵浦材質 FRPP											
KBC/KCLC-泵浦材質 CFRPP											
KBP/KCLP-泵浦材質 PVDF											
6					7		8		9		10
B-NON CHECK-VALVE					L-LOW HEAD		STATIONARY RING		ROTATIONAL RING		SPRING
(INLET LOWER THAN LIQUID LEVEL)					H-HIGH HEAD		C-CERAMIC		C-CARBON		H-HASTELLOY-C
A-WITH CHECK-VALVE							S-SIC		S-SIC		S-SUS316
(INLET HIGHER THAN LIQUID LEVEL)											
B-無單向閥 (入口比液位低選用)					L-低揚程		固定環		轉動環		彈簧
A-有單向閥 (入口比液位高選用)					H-高揚程						

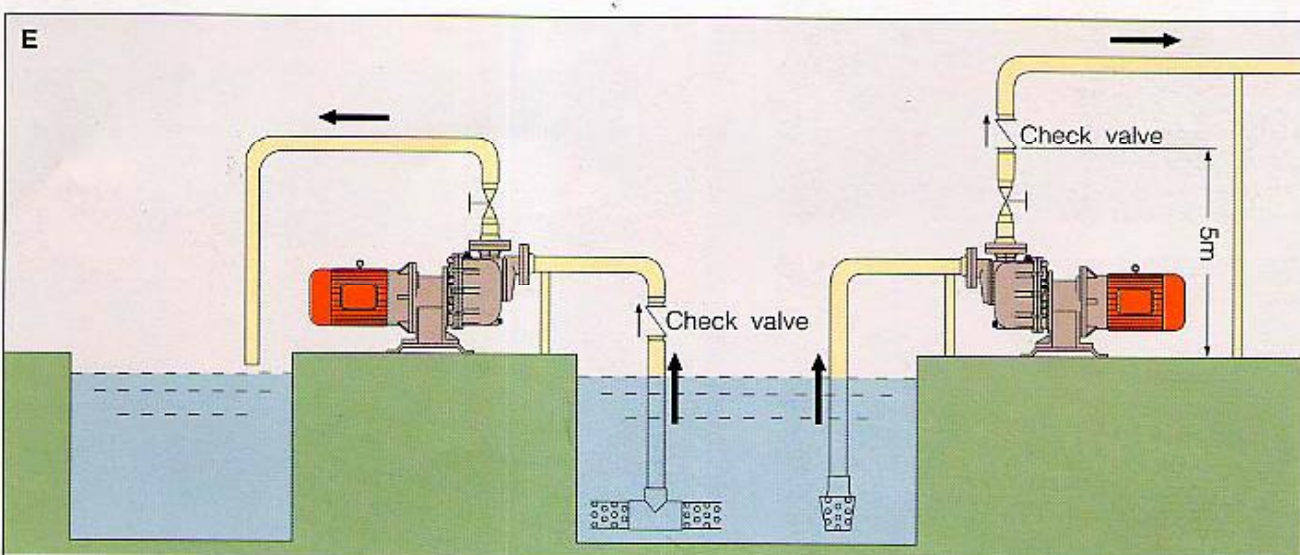
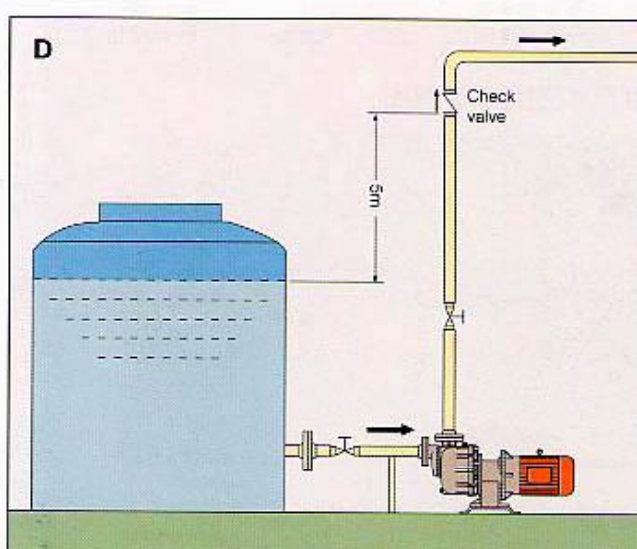
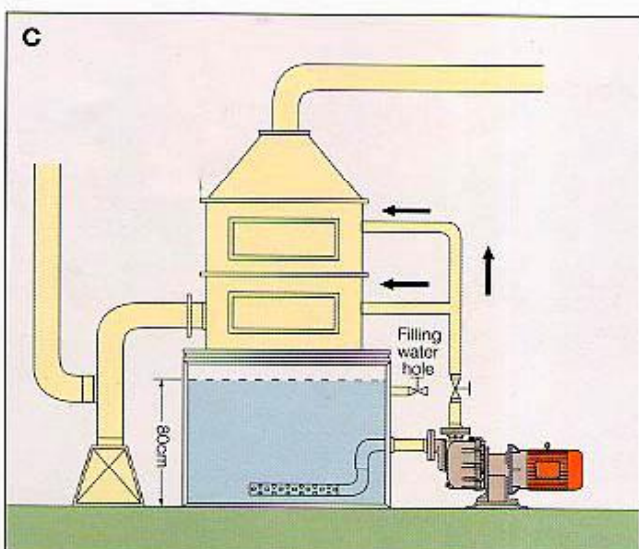
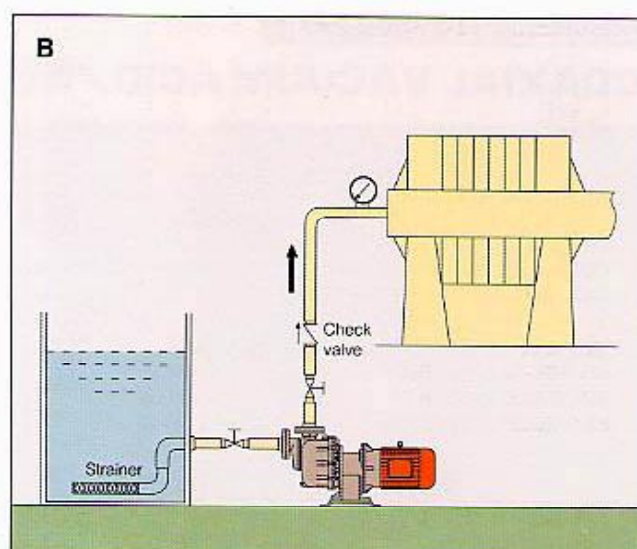
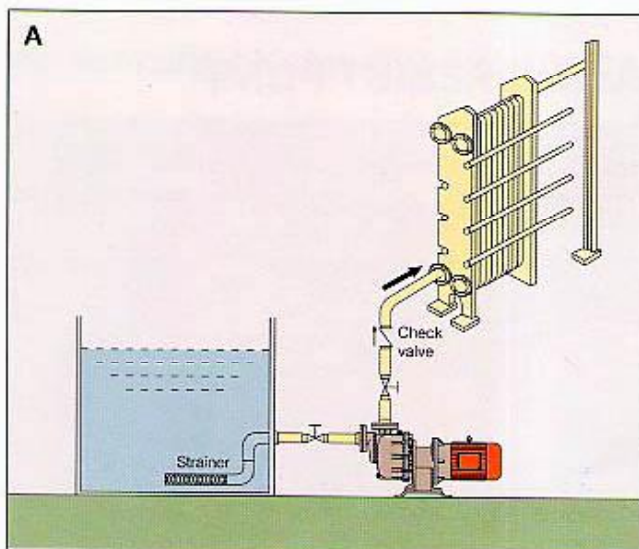
KB SERIES TYPE



KCL SERIES TYPE



PUMP APPLICATION EXAMPLES 泵浦典型應用例



KB series

同軸自吸式耐酸鹼泵浦

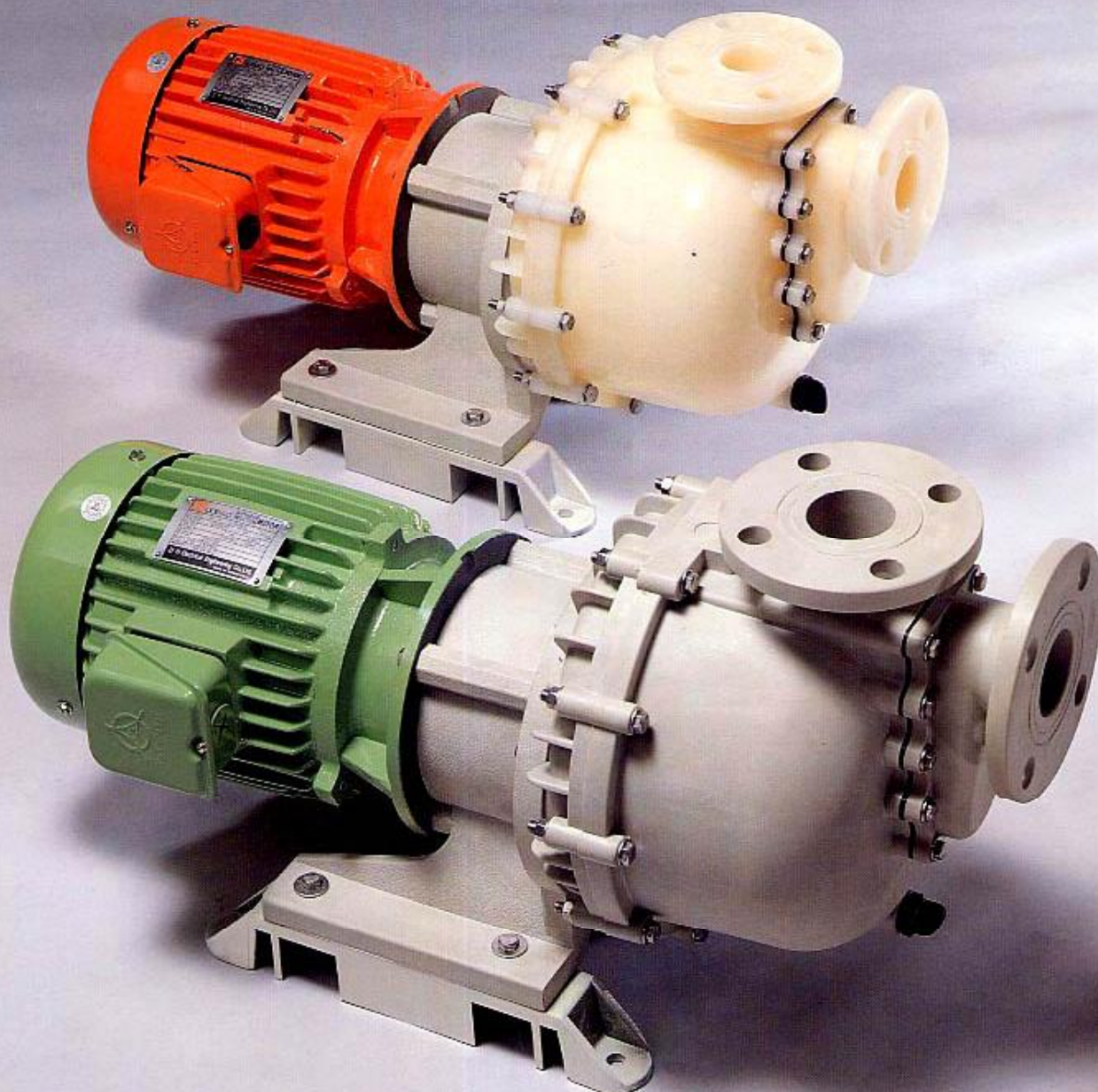
COAXIAL VACUUM ACID / ALKALINE-RESIST PUMP

FEATURES:

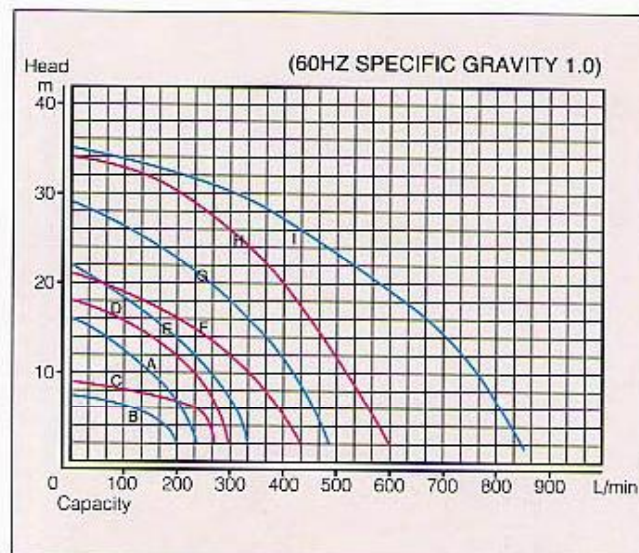
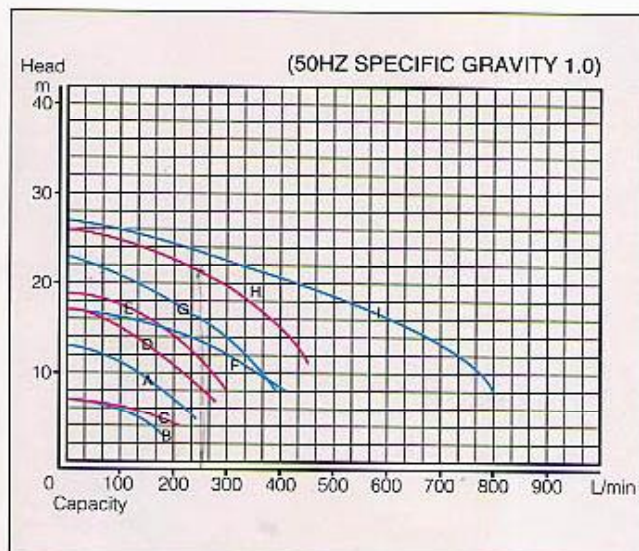
- Specially designed cooling for shaft seal. The built-in teflon bellow seal features automatic cooling performance without use of circulated cooling hose.
- Vacuum self priming design. Extremely powerful self priming force. Built with a choke valve fully prevents liquid back-flow in the pump.
- Superior corrosion-resistant performance. Material- CFRPP, FRPP, PVDF (Teflon.)
- It resists strong acid and alkaline.

特點：

- 獨特的軸封設計 - 內裝式採用 Teflon Bellow Seal 自冷式設計。無需冷卻循環管回路。
- 自吸式設計 - 自吸力特別強勁自吸式可達20ft，並有止回閥設計，防止泵內液體回流。
- 抗腐性強，材質CFRPP、FRPP、PVDF（鐵弗龍）。
- 耐強酸、耐強鹼。



KB PERFORMANCE CURVE CHART KB性能曲線圖



KB SERIES SPECIFICATIONS KB系列規格

Model 型 式	CURVES NO. 曲線號碼	Full head (M) 全 揚 程	Full flow amount (L/MIN) 全 流 量	Head(M) 揚 程	Flow amount (L/MIN) 流 量	In/out diameter (m/m) 入口+出口 (口徑)	Power 動力			Weight (KG) 重 量
							No. of phase 相 數	No. of charge 極 數	Motor power 馬 力	
Frequency: 50HZ										
KB-40011L	B	7	185	5	135	40/40	1Ø	4	1/2	27
KB-40012L	A	13	240	6	220	40/40	3Ø	2	1	26
KB-40013L	B	7	185	5	135	40/40	3Ø	4	1/2	27
KB-40014L	C	7	210	5	150	40/40	3Ø	4	1	29
KB-40022L	D	17	280	10	215	40/40	3Ø	2	2	30
KB-40022H	E	19	300	12	230	40/40	3Ø	2	2	34
KB-50032L	F	17	410	12	300	50/50	3Ø	2	3	38
KB-50032H	G	23	390	14	300	50/50	3Ø	2	3	42
KB-50052H	H	26	450	15	400	50/50	3Ø	2	5	54
KB-75052H	I	27	800	20	430	75/75	3Ø	2	5	96
Frequency: 60HZ										
KB-40011L	B	7.5	200	5	150	40/40	1Ø	4	1/2	27
KB-40012L	A	16	240	10	150	40/40	3Ø	2	1	26
KB-40013L	B	7.5	200	5	150	40/40	3Ø	4	1/2	27
KB-40014L	C	9	270	6	240	40/40	3Ø	4	1	29
KB-40022L	D	18	300	10	230	40/40	3Ø	2	2	30
KB-40022H	E	22	330	12	230	40/40	3Ø	2	2	34
KB-50032L	F	21	430	12	300	50/50	3Ø	2	3	38
KB-50032H	G	29	480	18	300	50/50	3Ø	2	3	42
KB-50052H	H	34	600	20	400	50/50	3Ø	2	5	54
KB-75052H	I	35	860	20	580	75/75	3Ø	2	5	96

KCL series

連接自吸式耐酸鹼泵浦

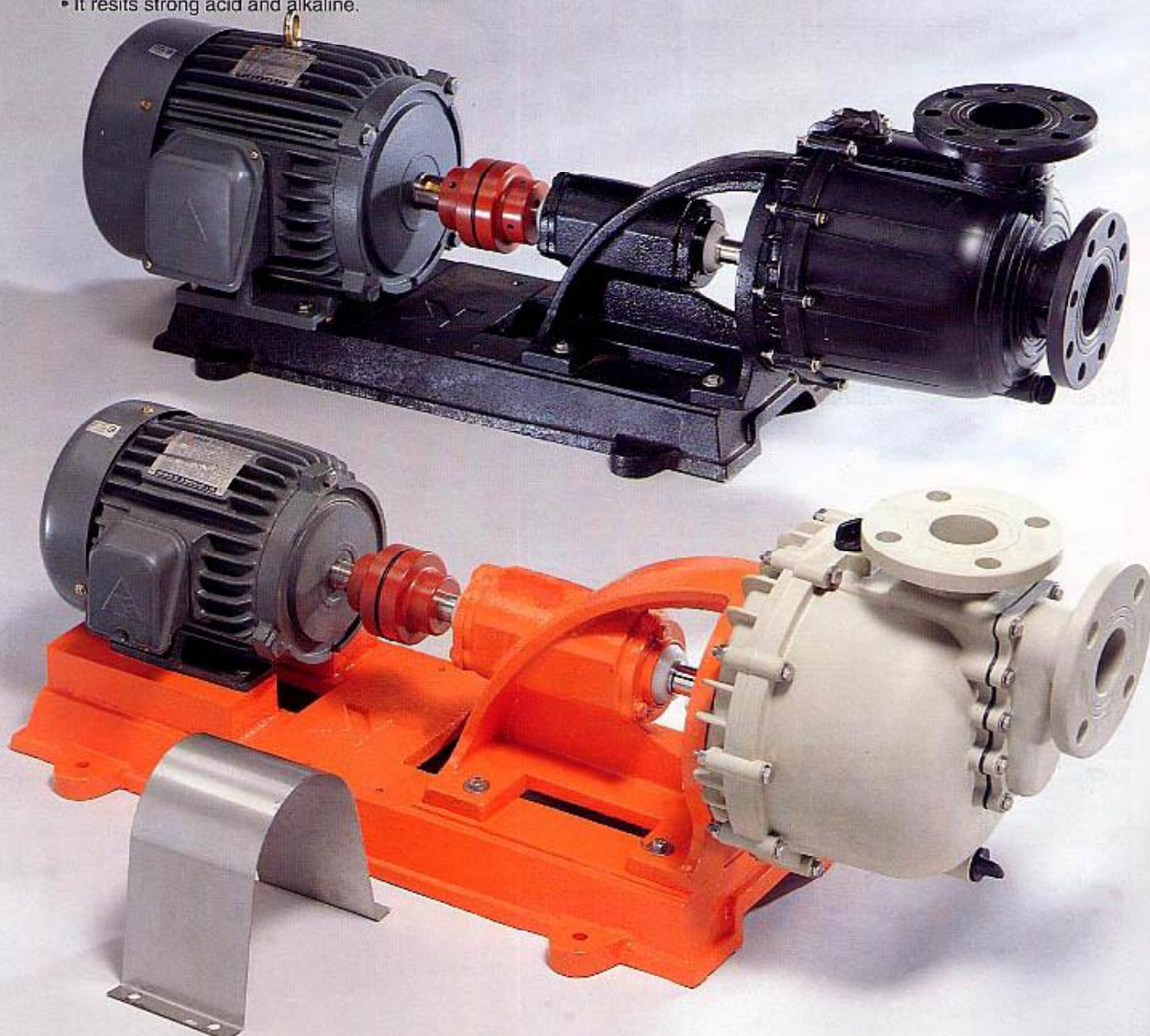
CONNECTING AND SELF-PRIMING CHEMICAL PUMP

FEATURES:

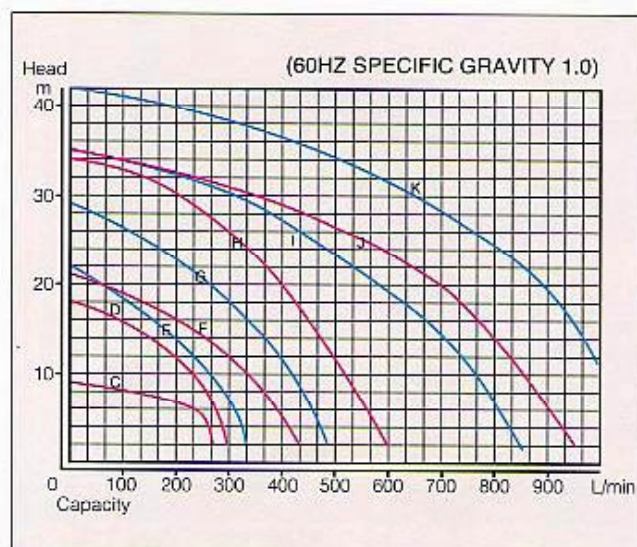
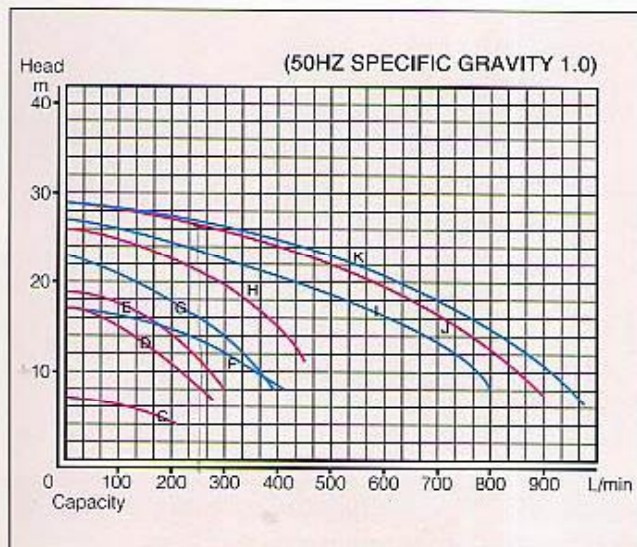
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KCL PERFORMANCE CURVE CHART KCL性能曲線圖



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Model 型式	CURVES NO. 曲線號碼	Full head (M) 全揚程	Full flow amount (L/MIN) 全流量	Head(M) 揚程	Flow amount (L/MIN) 流量	In/out diameter (m/m) 入口+出口 (口徑)	Power 動力			Weight (KG) 重量
							No. of phase 相數	No. of charge 極數	Horse power 馬力	
Frequency: 50HZ										
KCL-40014L	C	7	210	5	150	40/40	3Ø	4	1	45
KCL-40022L	D	17	280	10	215	40/40	3Ø	2	2	53
KCL-40022H	E	19	300	12	230	40/40	3Ø	2	2	54
KCL-50032L	F	17	410	12	300	50/50	3Ø	2	3	74
KCL-50032H	G	23	390	14	300	50/50	3Ø	2	3	75
KCL-50052H	H	26	450	15	400	50/50	3Ø	2	5	93
KCL-75052H	I	27	800	20	430	75/75	3Ø	2	5	96
KCL-75072H	J	29	900	20	580	75/75	3Ø	2	7 1/2	112
KCL-75102H	K	29	980	20	620	75/75	3Ø	2	10	122
Frequency: 60HZ										
KCL-40014L	C	9	270	6	240	40/40	3Ø	4	1	45
KCL-40022L	D	18	300	10	230	40/40	3Ø	2	2	53
KCL-40022H	E	22	330	12	230	40/40	3Ø	2	2	54
KCL-50032L	F	21	430	12	300	50/50	3Ø	2	3	74
KCL-50032H	G	29	480	18	300	50/50	3Ø	2	3	75
KCL-50052H	H	34	600	20	400	50/50	3Ø	2	5	93
KCL-75052H	I	35	860	20	580	75/75	3Ø	2	5	96
KCL-75072H	J	35	960	20	700	75/75	3Ø	2	7 1/2	112
KCL-75102H	K	42	1000	20	890	75/75	3Ø	2	10	122