Type WB WB2

微型不銹鋼離心泵
Micro centrifugal pumps

用途 Applications

本泵適用于輸送對不銹鋼SUS304或SUS316L不產生明顯腐蝕的潔淨介質
The pumps are suitable for tran-sporting clean media which are non-aggressive to stainless steel SUS304 or SUS316L

水供應系統	Water supply systems
壓力鍋爐供水	Pressure boiler feeding
高純度淨水系統	Pure water treating systems
醫藥、食品	Pharmaceutical & food stuff
精細化工	Refining chemical industries
冲洗、噴灑	Washing and sprinkling

性能極限 Technical data

泵：
進口尺寸：G1 1/4″、G1 1/2″
出口尺寸：G1″
最大工作壓力：8bar
液體溫度:-15℃~+80℃
泵的使用參照性能表範圍，
以防止電機過載，造成危險。

Pump
Suction size:G1 1/4″、G1 1/2″
Discharge size : G1″
Max.working pressure:8bar
Liquid temperature:-15℃~+80℃
To avoid overload and danger the pump should be operated within the performance ranges.

材 質 Materials

泵殼、后蓋、葉輪及泵軸：SUS304或SUS316L
支座及電機殼：鋁合金
標準機械密封：丁晴橡膠/陶瓷/石墨
（可根據需要：可提供特殊密封材料）

Casing、back -cover 、impeller and pump shaft: SUS304 or SUS316L stainless steel
Bracket and motor cast:Aluminmun-alloy
Standard mechanical seal:NBR/ceramic/carbon
（S pecial mechanical seal materials are available upon request）

電機 Motor

全閉式扇冷電機，絕緣等級F或B級，
防護等級IP54、IP55連續負載
環境溫度範圍：-15℃~+40℃ 海拔高度≤1000m
單相型：220V、50Hz，2900轉/分
三相型：380V、50Hz，2900轉/分
可按用戶要求增加過熱保護裝置

T.E.F.C.continuous duty
Insulation class:F or B Protection class:IP54 or IP55
Ambient temperature range:-15℃~+40℃
Altitude≤1000m
Single phase version:220V、50Hz,2900rpm
Three phase version:380V、50Hz,2900rpm
Over load switchs are avaiable upon request.

型號說明 Symbols

WB 2 -70/ 150 D

- D：單相 無D：三相 Phase,D：Single phase without D:three phase
- 150：電機功率:1.5kW Motor power:1.5kW
- 70：工況點流量：70L/min Operating point:70L/min
- 2：有2表示雙葉輪，無2表示單葉輪 2：Twin impellers No mark:single impeller
- WB：微型離心泵 Micro-centrifugal pumps

性能表 Performance Data

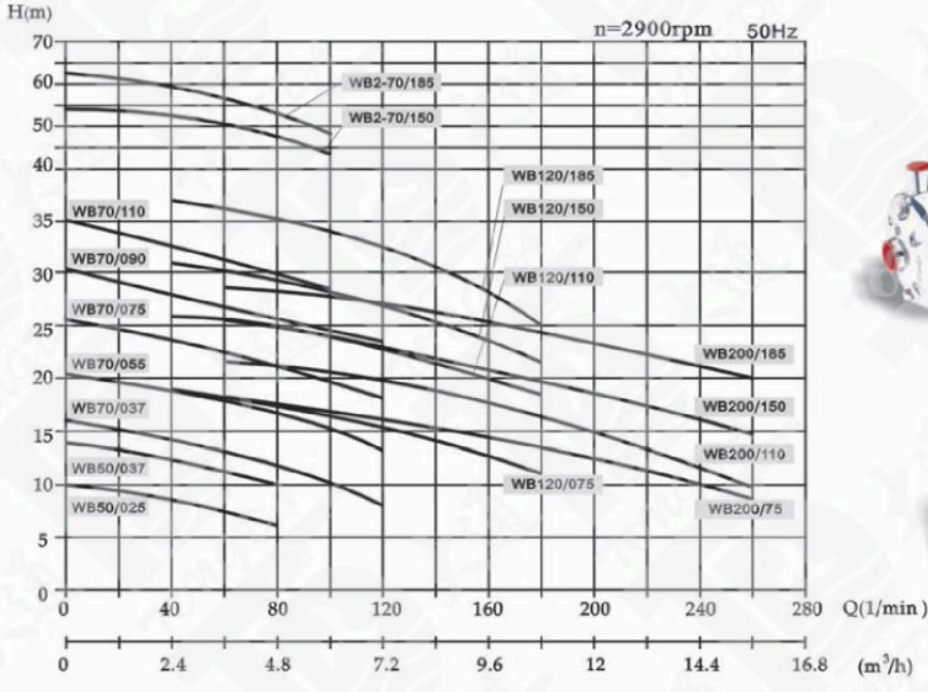
測試水溫20℃，性能測試依據ISO2548C級標準

Water test temperature:20℃ ,Performance limits:ISO2548C specifications for standard class C pumps.

2900rpm

型號Model		功率 Power		吸程 Suction Head m	流量 Capacity												
單相 Single phase 220V 50HZ	三相 Three phase 380V 50HZ	千瓦 kW	馬力 HP		1/min	20	40	60	80	100	120	140	160	180	200	220	240	260
					m³/h	1.2	2.4	3.6	4.8	6.0	7.2	8.4	9.6	10.8	12	13.2	14.4	15.6
					揚程 Head (m)													
WB2-70/150D	WB2-70/150	1.5	2.0	8		54	52	50	47	43								
WB2-70/185D	WB2-70/185	1.85	2.5	8		61	58	56	52	48								
WB50/025D	WB50/025	0.25	0.33	8		10.5	9.7	8.3	7									
WB50/037D	WB50/037	0.37	0.5	8		14.5	13.5	11.8	10.5									
WB70/037D	WB70/037	0.37	0.5	8		16	15	13.5	13	11.5	10							
WB70/055D	WB70/055	0.55	0.75	8		21	20	18.5	17	15	13							
WB70/075D	WB70/075	0.75	1.0	8		26	25	23.5	22	19.5	18							
WB70/090D	WB70/090	0.90	1.2	8		31	29.5	28	26.5	25	23							
WB70/110D	WB70/110	1.1	1.5	8		35	33.5	32	30.5	29	27							
WB120/075D	WB120/075	0.75	1.0	8			20	19	18	17	16	14.5	13	11				
WB120/110D	WB120/110	1.1	1.5	8			27.7	26.9	26	24.5	23	21.5	20	17.5				
WB120/150D	WB120/150	1.5	2.0	8			33	31.5	30	28.5	27	25	23	20				
WB120/185D	WB120/185	1.85	2.5	8			39	37	36	34.8	33	31.5	29.5	27				
WB200/075D	WB200/075	0.75	1.0	8				18	17	16.5	16	15.5	14.5	13.5	12.5	11	10	8
WB200/110D	WB200/110	1.1	1.5	8				22	21.5	21	20.5	19.5	18.5	17.5	16.5	15.5	14	12
WB200/150D	WB200/150	1.5	2.0	8				26	25.3	24.5	23.8	23	21.7	20.5	19.3	18	16.5	15
WB200/185D	WB200/185	1.85	2.5	8				29	28.5	27.5	26.6	26	24.8	23.6	22.6	21.5	20	19

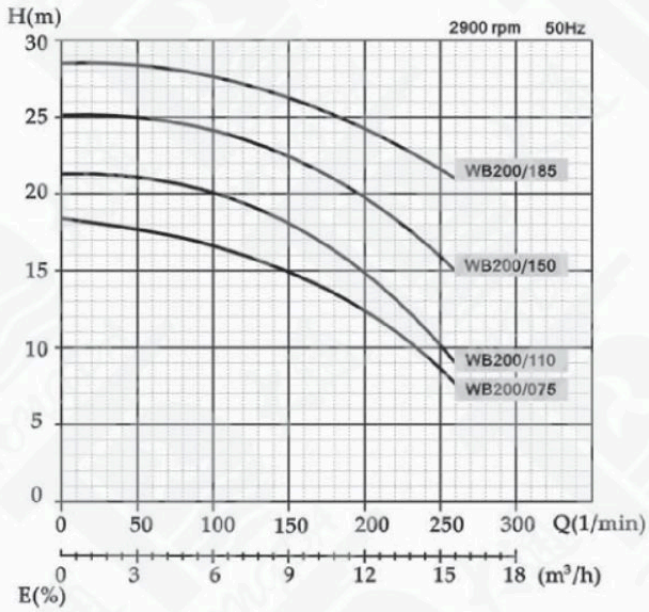
性能特性曲綫 Performance curves

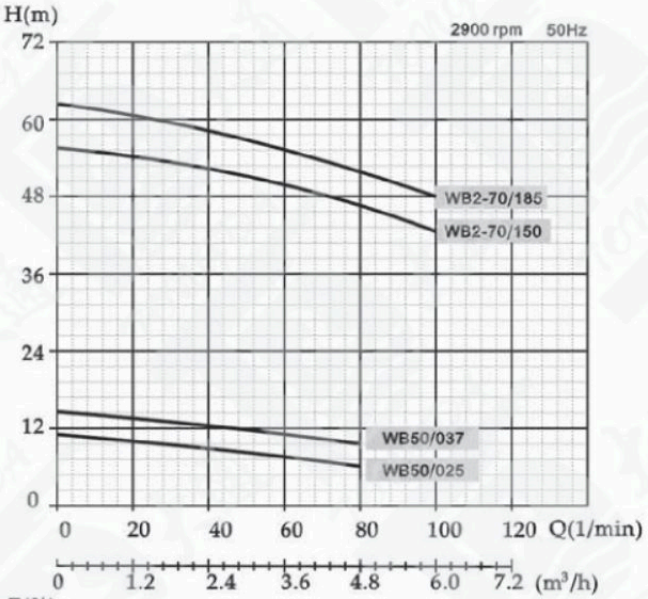


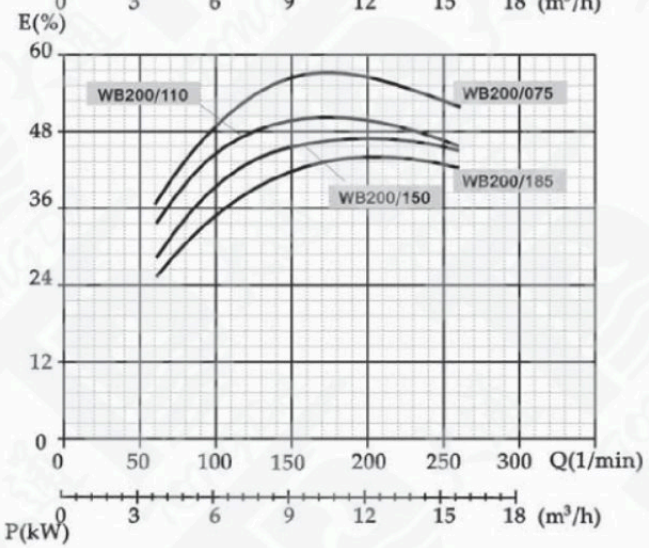


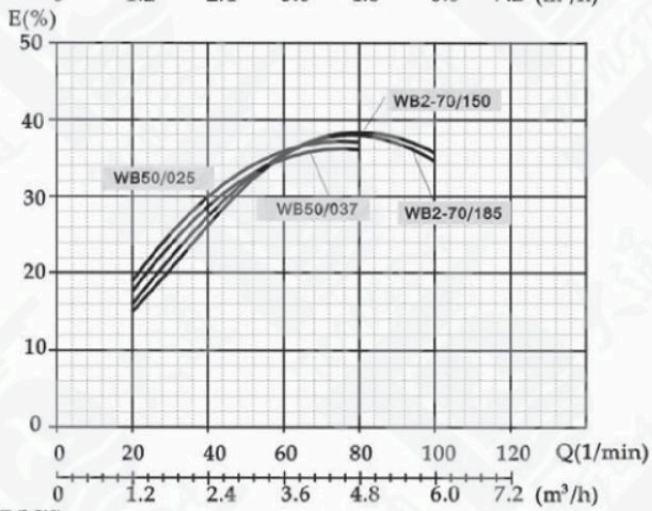


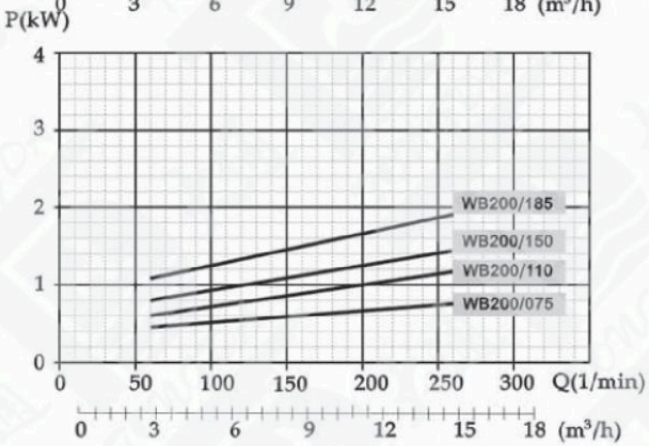
性能特性曲綫 PERFORMANCE CURVES

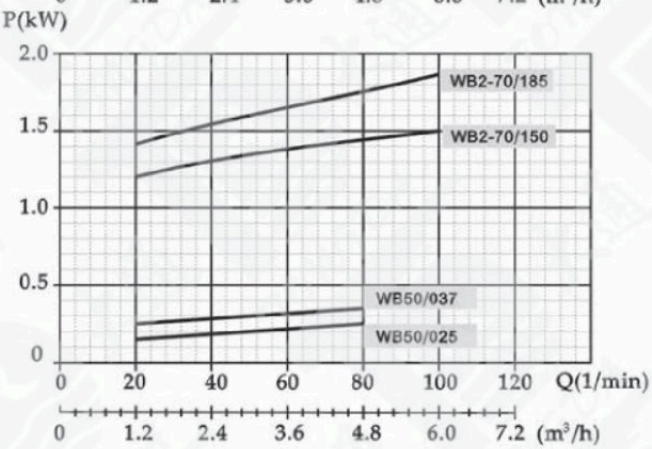








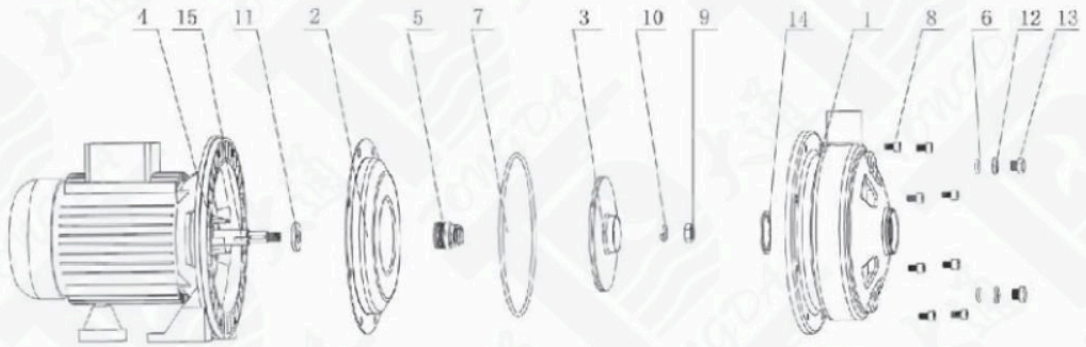




WB泵部件表 WB Part List

序號	部件名稱	序號	部件名稱	序號	部件名稱	序號	部件名稱
1	泵體	5	機械密封	9	葉輪蓋母	13	灌排水孔螺釘
2	后蓋	6	O形圈	10	彈簧墊圈	14	浮動密封口環
3	葉輪	7	O形圈	11	擋水圈	15	鍵
4	電機	8	螺釘	12	凹型墊圈		

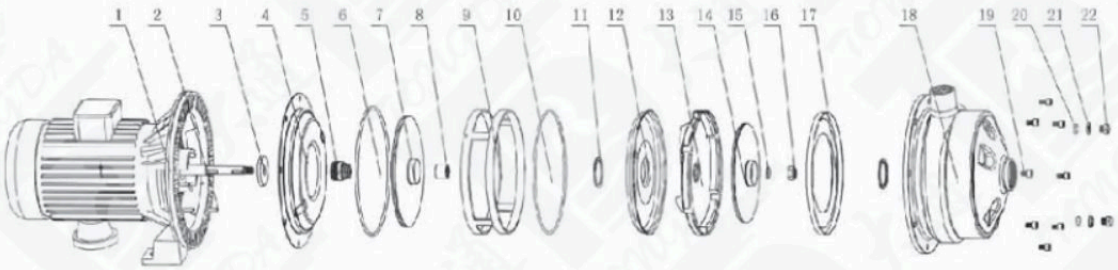
NO.	Part Name	NO.	Part Name	NO.	Part Name	NO.	Part Name
1	Casing	5	Mechanical seal	9	impeller	13	Priming/drain
2	back cover	6	O Ring	10	spring washer	14	wear ring
3	impeller	7	O Ring	11	slinger	15	Key
4	motor	8	bolt	12	"L"washer		



WB2泵部件表 WB2 Part List

序號	部件名稱	序號	部件名稱	序號	部件名稱	序號	部件名稱
1	電機	7	第二級葉輪	13	導葉	19	螺釘
2	鍵	8	軸墊	14	第一級葉輪	20	O形圈
3	擋水圈	9	定位圈	15	彈簧墊圈	21	凹形墊圈
4	后蓋	10	O形圈	16	葉輪蓋母	22	灌排水孔螺釘
5	機械密封	11	密封口環	17	導葉前蓋		
6	O形圈	12	導葉后蓋體	18	泵體		

NO.	Part Name	NO.	Part Name	NO.	Part Name	NO.	Part Name
1	Motor	7	Impeller II	13	Guide Plate	19	Bolt
2	Key	8	Shaft sleeve	14	Impeller I	20	O Ring
3	Slinger	9	Position Plate	15	Spring Washer	21	"L" Washer
4	Back Cover	10	O Ring	16	Impeller Nut	22	Priming Drain Plug
5	Mechanical Seal	11	Wear Ring	17	Guide Plate Front Cover		
6	0 Ring	12	Guide Plate Back Cover	18	Casing		

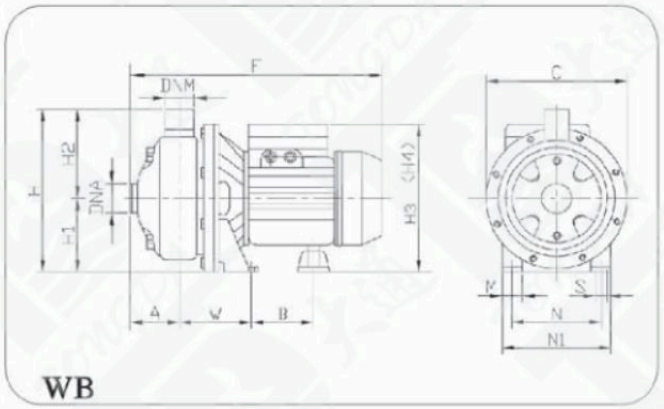


Type WB WB2

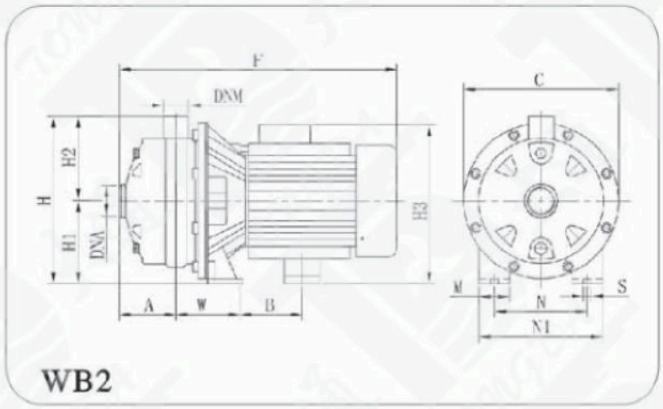
微型不銹鋼離心泵

Micro centrifugal pumps

外形尺寸圖 Outline Dimensions



WB



WB2

安裝尺寸 Outline Diagram

型號Model		安裝尺寸Dimensions(mm)															
單相Single phase	三相Three phase	A	C	F	H	H1	H2	*H3	*H4	M	N	N1	S	W	B	DNA	DNM
WB50/025D	WB50/025	52	170	302	196	88	108	208	181	30	100	130	9	80	82	G1 " 1/4	G1 "
WB50/037D	WB50/037	52	170	302	196	88	108	208	181	30	100	130	9	80	82	G1 " 1/4	G1 "
WB70/037D	WB70/037	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 " 1/4	G1 "
WB70/055D	WB70/055	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 " 1/4	G1 "
WB70/075D	WB70/075	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 " 1/4	G1 "
WB70/090D	WB70/090	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 " 1/4	G1 "
WB70/110D	WB70/110	52	235	386	252	120	132	234	234	39	140	180	9	94	82	G1 " 1/4	G1 "
WB120/075D	WB120/075	52	213	315	232	108	124	241	213	39	120	158	9	92	82	G1 " 1/4	G1 "
WB120/110D	WB120/110	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 " 1/4	G1 "
WB120/150D	WB120/150	52	235	386	252	120	132	234	234	39	140	180	9	94	82	G1 " 1/4	G1 "
WB120/185D	WB120/185	52	235	386	252	120	132	234	234	39	140	180	9	94	82	G1 " 1/4	G1 "
WB200/075D	WB200/075	52	213	370	232	108	124	241	213	39	120	158	9	92	82	G1 "1/2	G1 "
WB200/110D	WB200/110	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 " 1/2	G1 "
WB200/150D	WB200/150	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 " 1/2	G1 "
WB200/185D	WB200/185	52	213	370	232	108	124	224	224	39	120	158	9	92	82	G1 " 1/2	G1 "
WB2-70/150D	WB2-70/150	87	235	416	252	120	132	234	234	39	140	180	9	94	82	G1 " 1/4	G1 "
WB2-70/185D	WB2-70/185	87	235	416	252	120	132	234	234	39	140	180	9	94	82	G1 " 1/4	G1 "



WB400

微型不銹鋼離心泵

Micro centrifugal pumps

專利產品 PATENT PRODUCTS

特點:

泵體、后蓋、葉輪及泵軸采用SUS304材料，電機外殼用合金鋁。

Material:

Casing,back cover,impeller and pump shaft: SUS304.
Motor casing:Aluminum-alloy.

使用範圍:

本泵適用于輸送對不銹鋼SUS304不產生明顯腐蝕的潔凈介質。
最大工作壓力：8bar
介質溫度：-15℃~+80℃
電機：連續貨載，
F或B級絕緣，
防護等級IP55，
使用環境溫度範圍：-15℃~+40℃
本泵全揚程不過載。

Use limitation:

The pumps are suitable for transporting clean media which are non-aggressive to stainless steel SUS304
Max. Working pressure:8bar
Liquid temperature:-15℃~+80℃
Motor:Continous duty,
Insulation class:F
Protection class:IP55
Ambient temperature range:-15℃~+40℃
This pump can be used at full head without overloading motor.

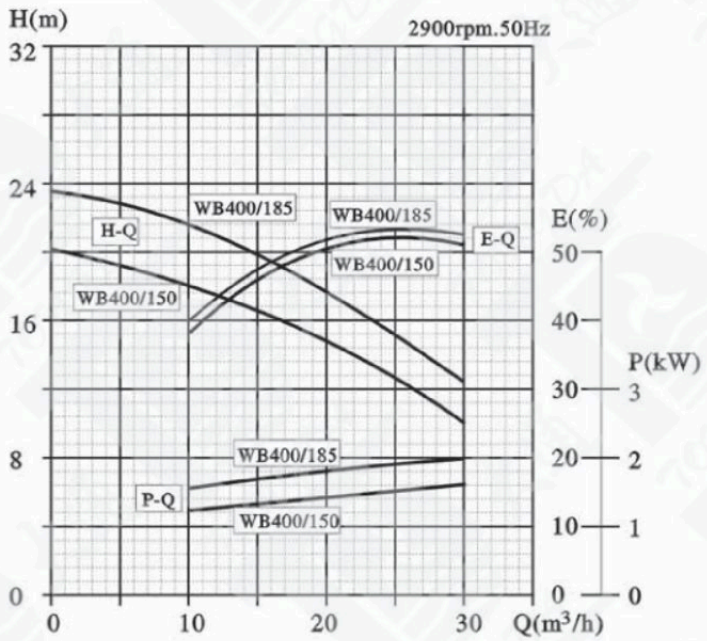
性能表 Performance Data

性能表Performance Data:
測試水溫20℃，性能測試依據為ISO2548 C級
Water test temperature:20℃,performance limits:ISO2548C specifications for standard class C pumps.

2900rpm

型號 Model		功率 Power		流量 Capacity							
單相 Single phase 220V 50HZ	三相 Three phase 380V 50HZ	kW	HP	m^3/h	8	12	16	20	24	28	32
				1/min	133	200	276	333	400	467	533
				揚程 Head (m)							
WB400/150D	WB400/150	1.5	2.0		18	16.5	15	13.5	12	10	7
WB400/185D	WB400/185	1.85	2.5		22	21	19.5	18	16.5	14.5	11.5

性能特性曲綫 Curves



外形尺寸圖 Outline Dimensions

