

CVS

豎軸式污水泵浦
VERTICAL TYPE WET PIT PUMP



泵浦 曝氣系統 廢水處理機械

TAF水泵實驗室認證合格廠
品質管理系統ISO 9001



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川源股份有限公司

GSD INDUSTRIAL CO., LTD.

特點 FEATURES

- ▶機組面積小，不佔場所
- ▶出水管與軸心保護管分開，柱管內流體無法上升至底盤，揚液無洩漏之虞。
- ▶構造簡單，堅固耐用。
- ▶泵殼及葉輪深入水中，無需呼水裝置。
- ▶採半開放式葉輪，可適用於輸送各體流體。

用途 APPLICATIONS

- ▶污水、清水或黏性流體抽送。
- ▶腐蝕性流體(如醋酸、酸鹼性溶液)等。
- ▶非常溫液體(如液化氮、硫磺等)。
- ▶揮發性或危險性液體(如汽油..等碳水化合物)的抽送。

構造 STRUCTURE

- ▶葉輪採半開放型式，附有背葉，有效降低軸向推力。
- ▶泵殼採離心渦卷設計，無填料函裝置，其與柱管之間設支撐軸承裝置。
- ▶吸入蓋處設濾網，防止異物吸入。
- ▶軸心採不銹鋼材料經精密加工及表面硬化處理，耐磨耗及腐蝕以延長使用壽命。
- ▶軸承：
 - ▶馬達側：使用重負荷推力軸承，加大設計壽命。使用滑脂潤滑(Grease)潤滑。
 - ▶其他：為特殊合金銅製品耐用性佳，使用機油潤滑。
- ▶軸封裝置
 - ▶標準型：採用高級品之機械軸封。
 - ▶特殊型：使用填料方式。(部分軸承使用不必潤滑劑之碳精製品)
- ▶柱管及送水管可隨流體性質使用不同材質之鋼管，採焊接方式可完成製品。
- ▶機座採長方形之構造用鋼板(或鑄鐵)製品。

- ▶Small unit area.
- ▶The outlet pipe is separated from the shaft protection pipe,
- ▶The fluid in the column tube cannot rise to the bottom plate, and there is no risk of liquid leakage
- ▶Simple structure, strong and durable
- ▶Pump casing and impeller are deep into the water without priming device
- ▶It adopts semi-open impeller, which is suitable for a wide range of liquids.

- ▶Sewage, clean water or viscous fluid pumping.
- ▶Corrosive fluids (such as acetic acid, acid and alkaline solutions), etc.
- ▶Non-normal temperature liquids (such as liquefied nitrogen, sulfur, etc.).
- ▶Pumping of volatile or dangerous liquids (such as gasoline or carbohydrates, etc.).

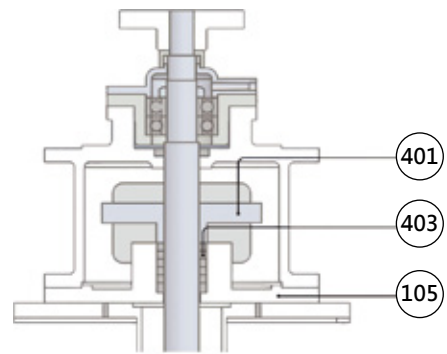
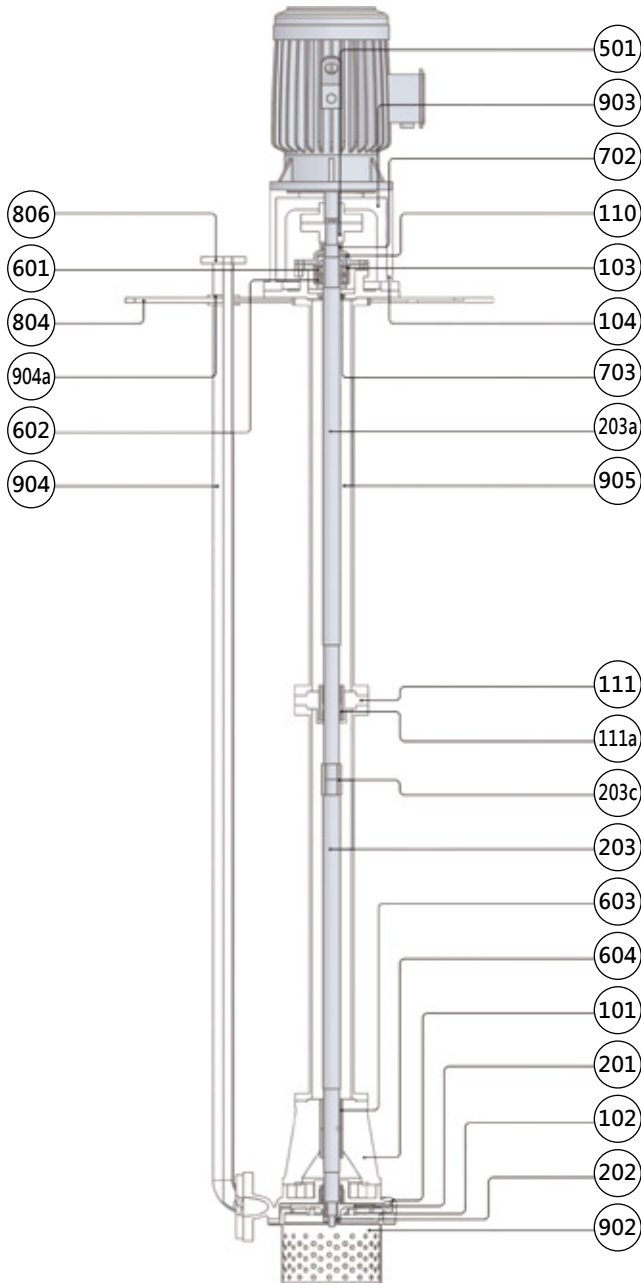
- ▶The impeller adopts a semi-open type with backward blades to effectively reduce the axial thrust.
- ▶The pump casing adopts a centrifugal scroll design, no filler culvert device, and a supporting bearing device is set between it and the column tube.
- ▶A filter is installed at the suction cover to prevent the inhalation of foreign matter.
- ▶The shaft center is made of stainless steel and has been precision finishing and surface hardened, which is wear-resistant and corroded to extend its service life.
- ▶Bearing:
 - ▶Motor side: Heavy-duty thrust bearings are used to increase the product life. Use grease lubrication .
 - ▶Others: Alloy copper products have good durability and use engine oil for lubrication. .
- ▶Shaft sealing device:
 - ▶Standard type: High-grade mechanical shaft seal is adopted.
 - ▶Special type: use packing style. (Some bearings use carbon products that do not require lubricants)
- ▶Column pipes and water delivery pipes can be made of steel pipes of different materials according to the nature of the fluid, and the products can be completed by welding.
- ▶The baseplate is made of rectangular steel plate (or cast iron) products. .

型號說明 PRODUCT NUMBER DESCRIPTION

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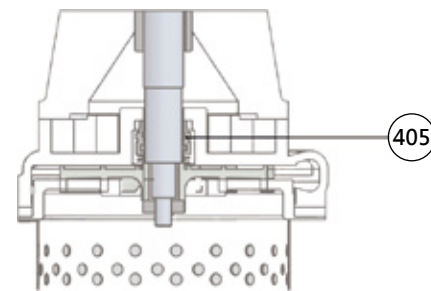


標準結構圖 CONSTRUCTIONS



填料式 GLAND PACKING

泵軸潤滑方式/自身液體潤滑或外來水潤滑
 Pump shaft lubrication method:
 Self-liquid lubrication or external water lubrication



軸封式 Mechanical seal

泵軸潤滑方式/機油潤滑或外來水潤滑
 Pump shaft lubrication method:
 Engine oil lubrication or external water lubrication

NO.	名稱NAME	NO.	名稱NAME	NO.	名稱NAME	NO.	名稱NAME
101	泵殼 Pump casing	201	葉輪 Impeller	203a	頂軸 Head shaft	703	油封 Oil seal
102	吸入殼 Suction cover	202	固定螺母 Lock nut	203b	柱軸 Line shaft	804	底板 Pump support plate
103	軸承箱 Bearing housing	203	泵軸 Pump shaft	501	聯軸器 Coupling	806	法蘭 Flange
103b	軸承裡襯 Bearing block	203a	頂軸 Head shaft	601	球軸承 Ball bearing	902	濾網 Filter
104	軸承座 Bearing shell	203c	軸接頭 Shaft head	602	球軸承 Ball bearing	903	馬達座 Motor baseplate
105	填料函殼 Stuffing box	301	螺帽 Adjusting nut	603	軸承 bearing	904	聯軸器螺栓 Bolt & nut
110	軸承蓋 Bearing cover	401	填料蓋 Packing Cover	604	接頭 Adapter	904a	固定螺帽 Nut
111	中間托架 Shafting bracket	403	填料 Gland Packing	702	擋水環 O-ring	905	柱管 Column pipe
111a	軸承 Bearing						

此機型為訂製品，請索取單張結構圖、尺寸圖及性能曲線表。

CVS is custom-made product, please request a single structure drawing, size drawing and performance curve.



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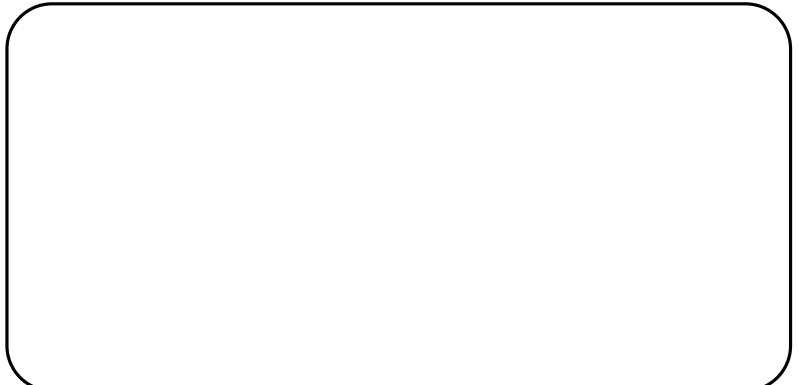
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GSD INDUSTRIAL CO., LTD.



Changeable Market 以卓越的行動力
should be satisfied with
滿足市場快速變化 Superior Action

CVS-202105

Contact CMSA, scan now!



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