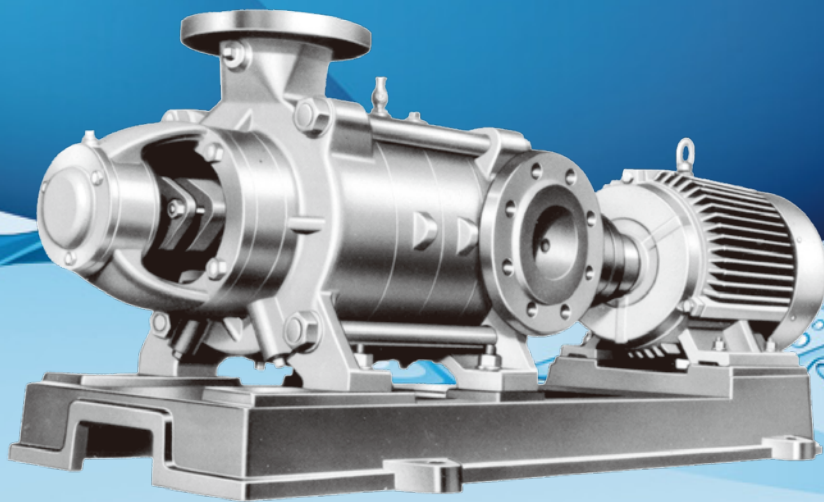




MD

臥式多段離心泵浦

HORIZONTAL SINGLE-SUCTION
MULTISTAGE CENTRIFUGAL PUMP



泵浦 曝氣系統 廢水處理機械



綠色・安全・永續經營

川源股份有限公司
GSD INDUSTRIAL CO., LTD.

品質管理系統ISO 9001
TAF水泵實驗室認證合格廠

簡介 INTRODUCTIONS

MD(MDG)系列臥式節段式多級離心泵，揚程高、設計合理、性能可靠，適用於輸送清水(雜質含量小於1%;顆粒直徑小於0.1mm)或物理化學性質類似清水之液體。

MD泵輸送介質溫度不大於80°C適用於礦山排水和工廠，城市供水及農村引水上山灌溉農田等場合。

MDG泵輸送介質溫度不大於105°C，適用於小型鍋爐給水或輸送類似熱水的場合。

MD(MDG) series horizontal single-suction multistage centrifugal pump features high head, rational design, reliable operation, is designed for pumping clean water or similar liquids of which solid content less than 1% and solid diameter not bigger than 0.1mm.

MD pumps can be used to handle water at temperature below 80°C is suitable for water supply for factories, residential areas, for water discharge in mines etc.

MDG pumps can be used to handle water at temperature below 105°C is suitable for supplying water to boiler or similar case.

特點 FEATURES

1. 定子

主要由入口本體、中間殼、導葉、出口本體等零件組成。吐出口均垂直向上，MDG吸入口為垂直向上，MD則為水平方向。

2. 轉子

主要由軸、葉輪、平衡盤及軸套等組成。

3. 密封

入口本體、中間殼、出口本體之間的靜止結合面用紙墊密封，各段間採節流密封；兩側的軸封採用軟填料密封，亦可改為機械軸封。

4. 軸承

整個轉子由軸兩端的滾柱軸承來支承，以油脂或稀油潤滑。

1. STATOR

The stator consists of suction, stage, discharge casing, diffuser and stuffing box. The suction and discharge casings of MDG pump are laid in a vertical upward position. The outlet of MD pump is in a vertical position while the inlet in a horizontal position.

2. ROTOR

The rotor consists of pump shaft impeller, balancing disk and shaft sleeve.

3. SEALING

The static interface between the suction, stage and discharge casings are sealed with parper packing. Between the stages uses throttle seal. Both ends of the shaft are sealed with stuffing-box or mechanical seal.

4. BEARINGS

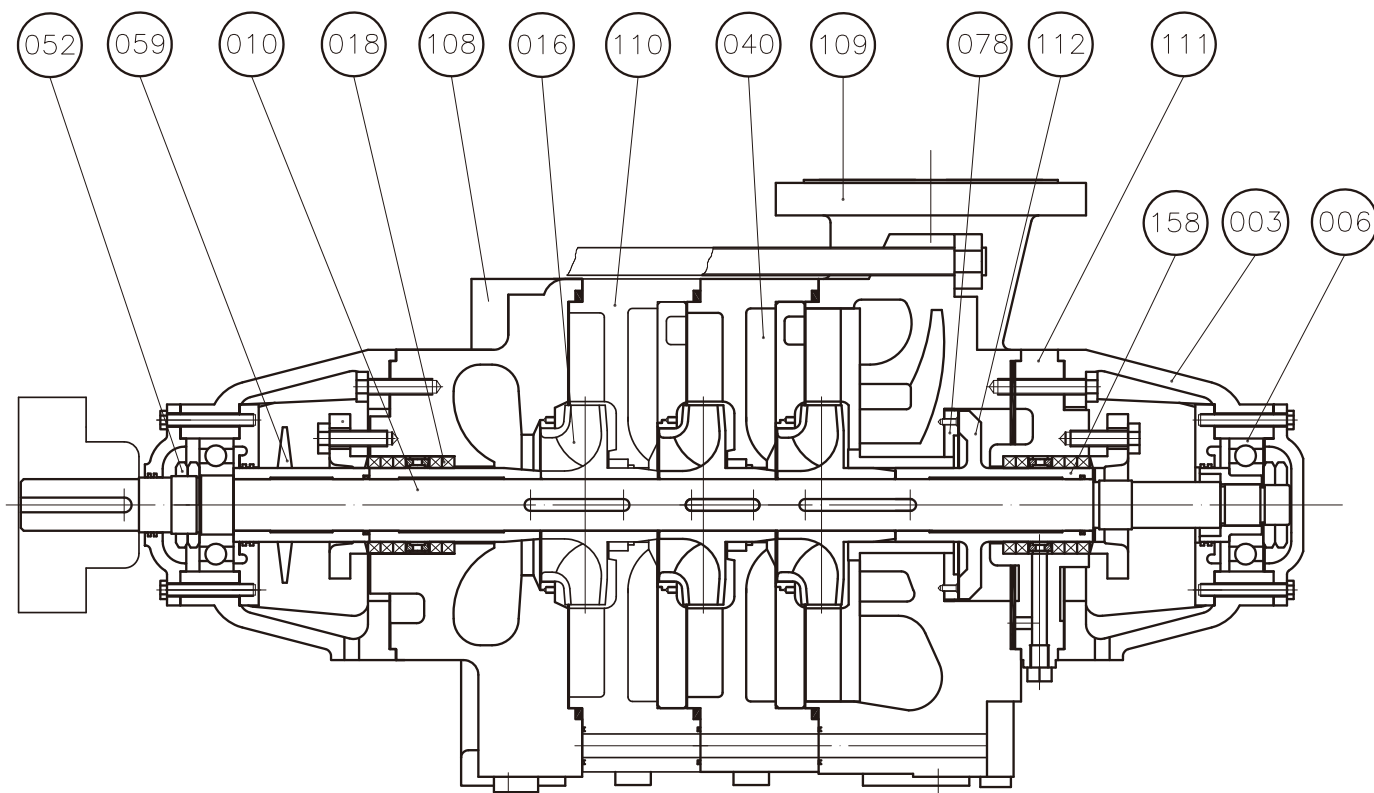
Both ends of the shaft are employed roller bearings with grease/oil lubricated.

型號說明 TYPE DESCRIPTION

MD(MDG) 3 100 - 100 - 31

STAGE 段數
DIS.DIA. 出水口徑
HP 馬力
PHASE 相數
MD 標準型式
MDG 鍋爐給水

結構圖 CONSTRUCTIONS



編號 NO.	名稱	NAME	材質	
003	軸承座	BEARING SEAT	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
006	滾珠軸承	BEARING		
010	泵軸	SHAFT	☐ ASTM A276(S45C)	☐ ASTM A276(SUS304) ☐ ASTM A276(SUS316)
016	葉輪	IMPELLER	☐ ASTM A48(FC200)	☐ ASTM B584-93(BC6)
018	機械軸封	MACHNICAL SEAL	☐ 填料式	☐ 機械軸封
040	導葉	DIFFUSER	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
052	固定螺帽	LOCK NUT	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
059	擋水環	WATER SLINGER	☐ RUBBER	

編號 NO.	名稱	NAME	材質	
078	耐磨環	WEARING RING	☐ ASTM B584-93(BC6)	
108	入口本體	SUCTION CASING	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
109	出口本體	DISCHARGE CASING	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
110	中段本體	STAGE CASING	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
111	軸封座	STUFFING BOX	☐ ASTM A48(FC200)	☐ ASTM A743(SCS13)
112	平衡盤	BALANCING DISK	☐ ASTM A48(FCD60)	☐ ASTM A743(SCS13)
158	軸套	SHAFT SLEEVE	☐ ASTM A276(SUS304)	☐ ASTM B584-93(BC6)

備註: 可依需求選購不同材質, 請索取單張結構圖、尺寸圖及性能曲線圖

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Green Safe Development



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MD-01-201511

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