HV104 | 加壓式流體幫浦 PRESSURIZED FLUID PUMPS

特 點

(1) 雙氣壓缸結構設計，使機器操作更加平穩，作動受力更加平均，流體輸出更順暢。
(2) 特殊的壓力板設計，能使壓力板與容器更能緊密結合，可輕鬆應對高黏度流體，並可大幅減少容器內部、底部之殘餘材料。
(3) 柱塞式設計無橡膠油封，可抽取潤滑脂或油墨等特殊流體物質。
(4) 使用氣壓缸輔助加壓，可用於高黏度潤滑脂或是一般幫浦不易抽取之潤滑脂。
(5) 大輸出流量設計，適用於各種生產線及大流量者使用。
(6) 適用各國廠牌50加侖原裝黃油桶。
(7) 幫浦本體材質採用鋁合金成型。

用 油

(1) 一般 00#~3# 潤滑脂均能使用。特殊潤滑脂使用請洽本公司。

Feature

(1) Dual pneumatic cylinder structure design brings higher stability during operation, more average actuation force and smoother fluid output.
(2) Special design of follower plate which enables the follower plate and container can be combined tighter. This can be used on high viscosity fluid and can further reduce the residual materials inside the container or at the bottom of container significantly.
(3) The design of the non-rubber seal can extract special fluids such as grease or ink.
(4) The pneumatic cylinder auxiliary press is suitable for high viscosity grease or the grease that hard to extract by normal pump.
(5) The large output flow design is suitable for different production lines or demand for large flow.
(6) Suitable for original 50 gallon grease drum from every country.
(7) The pump is made of aluminum alloy.

Grease usage

(1) Available for normal 00#~3# grease. For special grease please contact with us.

型號 Model	容量 Capacity	空氣輸入壓力 Air Input Pressure	壓力比 Pressure Ratio	黃油輸出壓力 Grease Output Pressure	輸出量 Deliver Rate	油管長度 Hose Length	淨重 N.W.	毛重 G.W.	材積 CUFT
HV104	200L	3~7 bar 40~100 psi	50 : 1	150~350 bar 2000~5000 psi	26 g/cycle	-	188 kgs	230 kgs	20.5’

外徑尺寸 The Outside Dimension :

長 Length	寬 Width	最低高度 Mini Height	最高高度 Max Height
740 mm	1050 mm	1440 mm	2440 mm

OFF250 過濾器 *Strainer*

RD100 減壓閥 *Fluid Regulator*

APD005/010/050 **APD100** **APD300** **APD2000/5000/10000**

定量閥系列 *Precise Fluid Dispenser*

定量閥規格表 Precise Fluid Dispenser Specification

項 目 Item		型 號 Type							
		APD005	APD010	APD050	APD100	APD300	APD2000	APD5000	APD10000
吐出量 Dispensing volume (c.c.)		0.05~0.5	0.1~1.0	0.5~5	1~10	3~30	20~200	100~500	200~1000
最小作動壓力 Minimum operating pressure (MPa)	潤滑油脂部分 Lubricant	4.9 (50kg)							
	氣壓部分 Barometric pressure	0.3 (3kg)							
使用壓力範圍 Operating pressure range (MPa)	潤滑油脂部分 Lubricant	4.9~14.7 (50~150 kg)				4.9 ~ 9.8 (50~100 kg)			
	氣壓部分 Barometric pressure	0.3~0.7 (3~7 kg)							
潤滑油脂部分可承受壓力 Bearable pressure on lubricant (MPa)		20.6 (210 kg)				11.8 (120 kg)			
可使用潤滑脂(黃油) Grease range		NLGI No.0~No.3							
重量 Weight (kg)		約1.6	約1.6	約1.7	約2.7	約2.3	約7.7	約13	約22

過濾器規格表 Strainer Specification

項 目 Item	型 號 Type
	OFF250
入口尺寸 Inlet	3/8"PS (f)
出口尺寸 Outlet	3/8"PS (f)
過濾網目 Strainer (Mesh)	100目, 200目, 300目
最大可承受壓力 MPa Maximum Regulated Fluid Pressure	25 (250 kg)
重量 Weight (kg)	約1.0

減壓閥規格表 Fluid Regulator Specification

項 目 Item	型 號 Type	
	RD100	RD250
入口尺寸 Inlet	3/8"PS (f)	
出口尺寸 Outlet	3/8"PS (f)	
調壓範圍 Pressure Range (MPa)	0~9.8 (0~100 kg)	0.2~25 (20~250 kg)
最大可承受壓力 MPa Maximum Regulated Fluid Pressure	9.8 (100 kg)	25 (250 kg)
重量 Weight (kg)	約1.8	約1.8

自動化注油解決方案
AUTOMATION REFUELING SYSTEM

專業提供定量加脂,注油設備,塗(噴)油設備
Specializing quantitative grease, oil filling, painting and spray oil equipment

HV104 (200L)

HV301 (20L)

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JOLONG

提升產能
降低成本
Improve Productivity, Reduce Cost

由於消費者需求種類繁多且變化快速，各種產業中的製造商皆面臨了生產速度、生產成本和生產品質的更大考驗。因此，憑藉豐富的自動化經驗以及快速客製化的優勢，我們提供全面的定量注油之解決方案，滿足各製造商需求，克服生產上的重大挑戰。

Since the demands of consumers are various and can be changed rapidly, the manufacturers of each industry have encountered big tests of enhancing the production speed, reducing the production cost & requiring the best quality. Therefore we provide the solution for completed doing fueling, spraying and dispensing in order to satisfy the demands of manufacturers and overcome the challenge of production.

系統組成示意圖
System Components

全自動系統
Automatic System

半自動系統
Semiautomatic System

供油幫浦
Oil or Grease Pump
供應油料到系統
Supply oil or grease into system

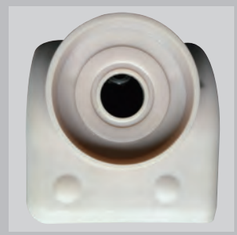
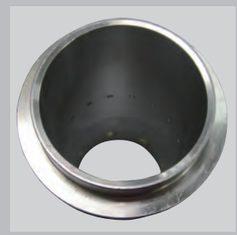
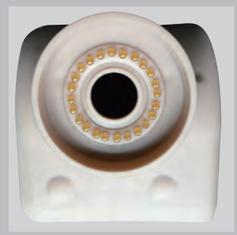
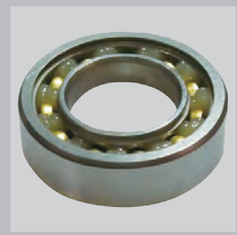
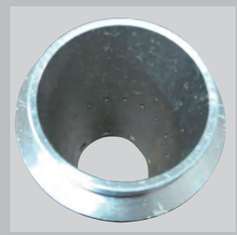
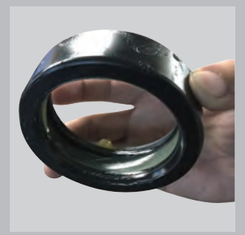
過濾器
Strainer
過濾油料中的雜質
Filter impurities in oil or grease

減壓閥
Fluid Regulator
調整最終入料壓力
Adjust the final feeding pressure

定量閥
Precise Fluid Dispenser
定量輸出油料
Quantitative grease or oil output

注油模具或生產線
Filling mold or production line
依據客戶需要注油零件加以搭配
Depend on customer needs

應用範例 Application Examples

	油封塗油 Seal	腳輪塗油 Caster	零件噴油 Spare Parts	汽車零件注油 Car Parts	軸承注油 Bearing	管內噴黃油 Tube	軸承座填油 Bearing Seat	球頭塗油 Ball Rod
注油前 Befor								
注油後 After