

## L8V 变量柱塞双泵

### Variable displacement pump L8V



- 斜轴式轴向柱塞变量双泵，用于开式多回路系统
- 双泵并行式结构
- 产品摆角范围25° ~ 7°
- 两个泵公用一个吸油口
- 泵可直接安装在发动机的飞轮壳上
- 恒功率控制装置可设定为总功率或分功率
- 带功率输出接口，可安装柱塞泵和齿轮泵

- Variable displacement double pump are bent-axis design for open circuit hydrostatic drives
- Double pump is parallel structure design
- The swivel angle is from 25° to 7°
- Two pump share one common suction port
- The pump is suitable for direct mounting on the flywheel housing in diesel engine
- Power control can be set as summation power control or individual power control
- Power take-off for mounting axial piston and gear pumps

#### 型号说明 Type code

L8V	107	SR	1.2	R	1	0	1	F	1							
01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	

#### 轴向柱塞泵 Axial piston pump

01	变量双泵(并行结构), 斜轴式 Variable displacement double pump (parallel construction), bent-axis design	L8V
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#### 规格 Size

02	单泵最大排量 Single pump displacement Vgmax	mL/r	64	80	107	107
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#### 控制方式 Control devices

03	总功率控制 Summation power control	○	○	●	SR
	分功率控制 Individual power control	○	○	●	LR

#### 结构型式 Design

04	不带功率输出口 Without power take off	○	○	●	1
	带功率输出口、辅助泵旋向为左旋 With power take off、Auxiliary pump anti-clockwise rotation	○	○	—	1.1
	带功率输出口、辅助泵旋向为右旋 With power take off、Auxiliary pump clockwise rotation	—	—	●	1.2
	带功率输出口、辅助泵旋向为右旋、结构优化 With power take off、Auxiliary pump clockwise rotation、Design Optimization	—	—	●	1.21

#### 旋向 Direction of rotation

05	从轴伸看, 顺时针 Viewed from drive shaft, clockwise	R
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#### 系列 Series

06	系列 1 Series 1	1
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#### 传动比 (n<sub>输入</sub>/n<sub>输出</sub>) Gear ratio(n<sub>input</sub>/n<sub>rotary groups</sub>)

07	比值 i=1 Ratio i=1	0
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#### 吸油口 Suction port

08	SAE J518 法兰 SAE J518 Flange	1
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#### 压力油口 Pressure Ports

09	SAE J518 法兰 SAE J518 Flange	F
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#### 行程限位 Stroke limiter

		64	80	107	
10	固定的 Fixed	○	○	●	1
	液压调节 Hydraulically adjusted	○	○	●	H
	机械调节 Mechanically adjusted	○	○	●	M

#### 技术参数 Technical data

排量 Displacement (mL/r)	额定压力 Nominal pressure (MPa)	最高压力 Max.pressure (MPa)	额定转速 Nominal speed (r/min)	最高转速 Max.speed (r/min)	最大功率 Max.power (kW)	重量 Weight (kg)
64	32	35	2150	2450	60	95
80			2150	2450	90	120
107			2000	2150	170	155

- =可供货 available
- =按要求供货 on request
- =不可供货 not available