

# L11V 变量柱塞泵

## Variable displacement pump L11V



- 斜盘式轴向柱塞变量泵，用于开式回路
- 内置升压泵（叶轮）可有效提升泵的自吸性能
- 满足多种工况的控制方式
- 通轴驱动，可承载直至相同规格的泵
- Variable axial piston pump of swashplate design for open circuit
- Built-in charging pump(impeller)significantly improving pump fill in characteristics
- A wide range of control options meeting various application requirements
- Through drive for mounting further pumps up to same size

### 型号说明 Type code

L11V	L	O	145	LRDS	/	1	1	R	-	N	Z	D	12	K02	P	-S
01	02	03	04	05		06	07	08		09	10	11	12	13	14	15

### 轴向柱塞泵 Axial piston pump

01	斜盘式变量结构 Variable swashplate design	L11V
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### 升压泵(叶轮) Charging pump(impeller)

		95	115	130	145	190	
02	不带升压泵(无标识) Without charging pump (no code)	●	●	●	●	—	
	带升压泵 With charging pump	—	—	●	●	●	L

### 工作模式 Operation mode

03	泵, 开式回路 Pump, open circuit	O
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### 规格 Size

04	最大排量 Vgmax	mL/r	95	115	130	145	190
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### 控制方式 Control devices

05	功率控制 Power control	LR			●	●	●	●	●	LR
	带压力切断 With pressure cut-off		D		●	●	●	●	●	L.D..
	带负载敏感控制 With load-sensing			S	●	●	●	●	—	L.S
	带行程限制器 With stroke limiter			H2	—	—	—	—	●	L...H2
	正控制 Positive control, Δp=2.5MPa			U2	○	●	●	●	●	L...U2
	正控制 Positive control, U=24V			U2	○	●	●	●	L...U2	
	比例电磁铁电气控制 Electric control with proportional solenoid U=24V	EP2			●	○	○	○	○	EP2
	带压力切断 With pressure cut-off		D		●	○	○	○	○	EP2D

### 系列 Series

06		1
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### 索引 Index

07	规格 Size 95...115	0
	规格 Size 130...190	1

### 旋转方向 Direction of rotation

08	从轴伸看 Viewed from drive shaft	顺时针 Clockwise	R
		逆时针 Counter-clockwise	L

### 轴封 Shaft seal

09	氟橡胶 FKM	N
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### 轴伸 Drive shaft

		95	115	130	145	190	
10	花键 DIN 5480 Splined shaft DIN 5480	●	●	●	●	●	Z
	花键 ANSI B92.1-1970 Splined shaft B92.1-1970	●	●	●	●	●	S

### 安装法兰 Mounting flange

11	SAE J744 4孔 SAE J744 4-hole	D
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### 工作油口 Working ports

12	SAE J518 压力油口和吸油口位于侧面, 带公制固定螺纹 SAE J518 flange ports, opposite side, metric thread	12
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### 通轴驱动 Through drive

		95	115	130	145	190	
13	法兰 SAE J744 连接轴 Flange SAE J744 Shaft coupling						
	—	—	●	●	●	●	N00
	101-2	7/8in 13T 16/32DP	●	●	●	●	K02
	101-2	1 in 15T 16/32DP	○	○	●	●	K04
	152-4	W45×2×30×21×9g	●	●	○	○	K82
	152-4	W50×2×30×24×9g	—	—	●	●	K83

### 电磁铁插头 Connector for solenoids

		95	115	130	145	190	
14	DEUTSCH 注塑插头, 2 芯 DEUTSCH molded connector, 2-pin	●	●	●	●	●	P

### 标准/特殊型号 Standard/Special version

15	标准版本(无标识) Standard version (no code)	
	特殊型号 Special version	-S

### 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)
95	35	40	2350	2780	128	64
115			2350	2780	158	65
130			2500	2500	190	82
145			2500	2500	211	83
190			2500	2500	281	104

●=可供货 Available

○=可按要求供货 On request

—=不可供货 Not available