

L2FE 定量柱塞马达

Fixed piston motor L2FE



- 锥柱塞斜轴式定量马达，用于开式回路及闭式回路
- 输出扭矩随着高压侧和低压侧之间的压差而增大
- 易于安装，马达可插入机械齿轮箱内，非常节省空间
- Fixed displacement motor with axial tapered piston rotary groups of bent-axis design, for open and closed circuits
- The torque increases with the pressure differential between the high and low pressure side and with increasing displacement
- Easy to install, simple to plug into the mechanical gearbox, extremely compact unit

型号说明 Type code

L2F	E	107	/	6	1	W	-	V	Z	L	171	H	-W1XA01	-S
01	02	03		04	05	06		07	08	09	10	11	12	13

轴向柱塞马达 Axial piston motor

01	固定式斜轴设计 Bent-axis design, fixed displacement	L2F
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工作模式 Operation mode

02	插装式马达 Plug-in-motor	E
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规格 Size

03	排量 Vg Displacement Vg (mL/r)	45	56	63	80	90	107	125	160	107
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系列 Series

04		6
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旋转方向 Direction of rotation

06	从轴伸看，双向 Viewed from drive shaft, bidirectional	W
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轴封 Shaft seal

07	氟橡胶 FKM	V
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轴伸 Drive shaft

		45	56	63	80	90	107	125	160	
08	花键 DIN5480 Splined shaft DIN5480	-	●	●	●	●	●	●	-	A
		●	●	●	●	●	●	●	●	Z

安装法兰 Mounting flange

09	ISO 3019-2 标准法兰 2孔 ISO 3019-2 Standard flange 2-hole	L
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工作油口 Working ports

			45	56	63	80	90	107	125	160	
02	SAE J518 法兰 A 和 B, 对侧油口 SAE J518 flange A and B, opposite side ports	0	○	○	○	○	●	●	○	○	020
		7	○	○	○	○	●	●	○	○	027
10	SAE J518 法兰 A 和 B, 底部同侧油口 SAE J518 flange A and B, same side ports at bottom	0	●	●	●	●	●	●	●	-	100
		17	-	-	-	-	-	●	●	-	171
10	工作油口用于安装平衡阀 Port plate for mounting counterbalance valve	18	1	-	-	-	●	●	●	●	181
				0	不带阀 Without valve						
				1	溢流阀 With pressure-relief valves						
				7	配有冲洗阀和补油阀 With flushing and boost pressure valve						

速度传感器 Speed sensor

		45	56	63	80	90	107	125	160	
11	不带转速传感器(无代码) Without speed sensor (no code)	●	●	●	●	●	●	●	●	
	预留 HDD 转速传感器接口 With port for HDD speed sensor	●	●	●	●	●	●	●	-	F
	配有 HDD 转速传感器 With HDD speed sensor	●	●	●	●	●	●	●	-	H

平衡阀 Counterbalance valve

12	无平衡阀 Without counterbalance valve	
	配有平衡阀 With counterbalance valve	-W1XA01

特殊型号 Special version

13	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)	重量 Weight (kg)
45	35	40	4800	5200	15
56			4400	4800	18
63					19
80			4000	4400	23
90					25
107			3600	4000	34
125			36		
160	3200	3600	47		

● = 可供货 Available ○ = 可按要求供货 On request - = 不可供货 Not available