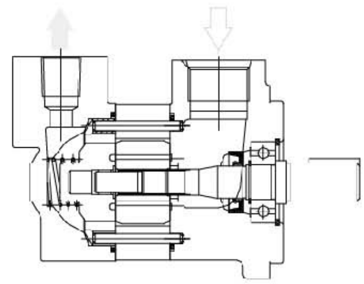
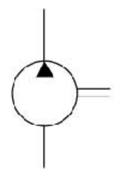
V10、V20系列叶片泵 V10、V20 Series Vane Pumps

V10、V20系列叶片泵-适合工业用途
V10、V20 Series Vane Pumps－For Intravane Quipment





型号说明 Model Code

(F3-)	V10	-P	7	S	-1	C	20	-L
前注 Prefix	系列号 Series	进油口连接 Inlet port connections	排量代号 Code	出油口连接 Outlet port connections	轴伸形式 Shafts	出油口位置 Outlet positions	设计号 Design	旋转方向 Rotation
无标记: 石油系油 乳化液 水-乙二醇 F3: 磷酸酯液 Omit-Usting antiwear oil water dlycol F3- Phosphate ester fluid	V10	P-1"NPT螺纹 S-1.3125-12 直螺纹 B-G1"螺纹 P-1"NPT thread S-1.3125-12 straight thread B-G1"thread	1,2,3,4, 5,6,7	P-1/2"NPT螺纹 S-0.750-16直螺纹 B-G1/2"螺纹 P-1/2"NPT thread S-0.750-16 straight thread	1-带键直轴 11-花键轴 38-11齿-3/4" 外径花键轴 62-花键轴 （仅V20） 1-Str,Key 11-Spline 38-11tooth -3/4"OD. 62-spline (V20 only)	（从泵的盖端看） A-进油口对侧 B-从进油口逆 时针90° C-进油口同侧 D-从进油口顺时针 90° (Viewed from cover end of pimp) A-Opposite inlet port B-90° CCW frpm inlet C-In line with in inlet D-90° CCW frpm inlet	20	（从泵的轴端 看） L-逆时针旋转 R-顺时针旋转 （可省略） (Viewed from shaft end of pimp) L-Left hand for counter clockwise R-Right hand for clockwise
	V20	P-1-1/4"NPT螺纹 S-1.625-12直螺纹 B-G1-1/4"螺纹 P-1-1/4"NPT thread S-1.625-12 straight B-G1-1/4"thread	6,7,8, 9,10,11, 12,13,14	P-3/4"NPT螺纹 S-1.1875-12 直螺纹 B-G3/4"螺纹 P-3/4"NPT thread S-1.1875-12 straight thread B-G3/4"thread			10	

工作参数 Specification

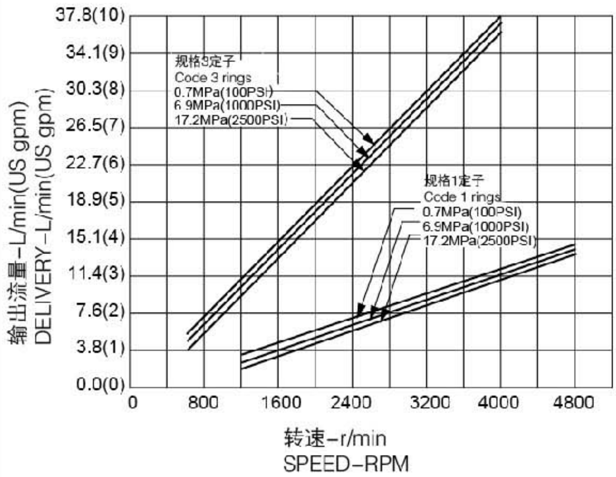
型号 Model	排量代号 Code	几何排量mL/r Geometric Displacement mL/r	使用抗磨液压油或磷酸脂 Using anti-wear oil or phosphate ester fluid		使用水乙二醇液 Using water glycol fluid		使用油包水乳化液 Using water-in-oil emulsion	
			最高压力MPa Max.pressure MPa	最高转速r/min Max.Speed r/min	最高压力MPa Max.pressure MPa	最高转速r/min Max.Speed r/min	最高压力MPa Max.pressure MPa	最高转速r/min Max.Speed r/min
	1	3.3		4800				
	2	6.6		4500				
	3	9.8	17.2	4000			10.3	
V10	4	13.1		3400	12.4	1800		1800
	5	16.4		3200				
	6	19.5	15.2	3000			10.9	
	7	22.8	13.8	2800				
	6	19.5		3400				
	7	22.8		3000				
	8	26.5	17.2		12.4		10.9	
	9	29.7		2800				
v20	10	30.0				1800		1800
	11	36.4		2500				
	12	39			10.9		9.3	
	13	42.4	15.2	2400				
	14	45						

特性曲线 Performance characteristics

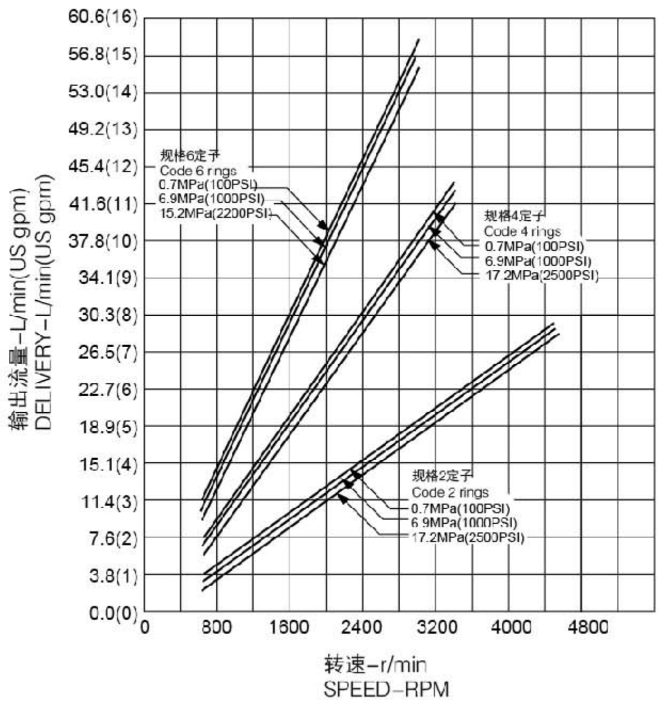
测试条件: 油温49℃，油粘度32 cSt(38℃), 空载 Typical flows at 49℃, oil at 26 cSt(38℃), 0MPa

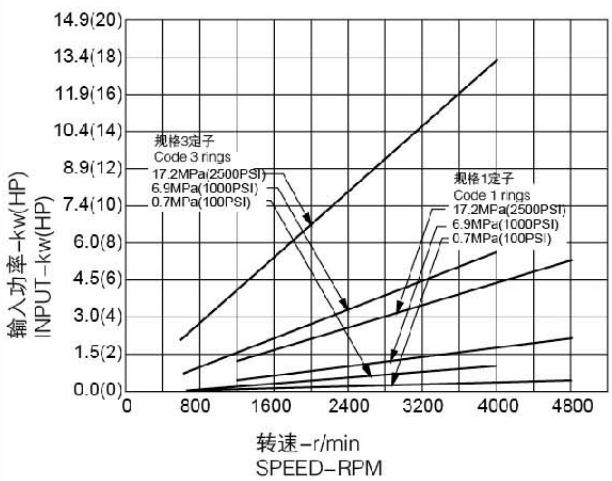
V10

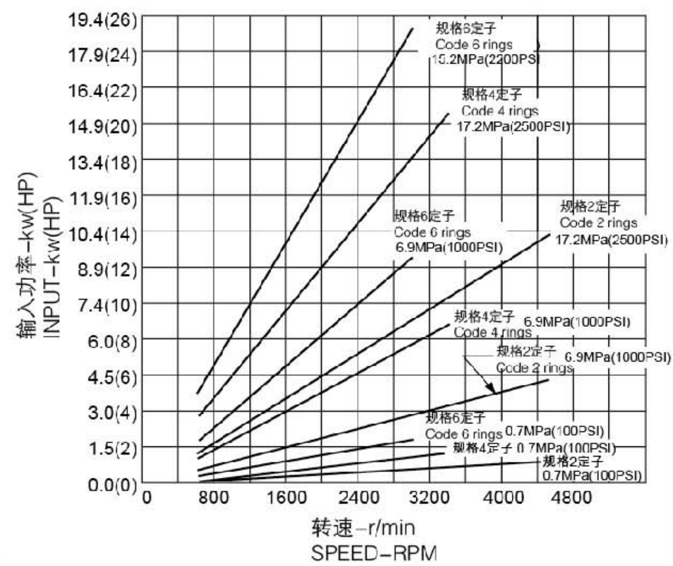
规格1和3的定子
Code 1&3 rings



规格2、4和6的定子
Code 2、4&6 rings





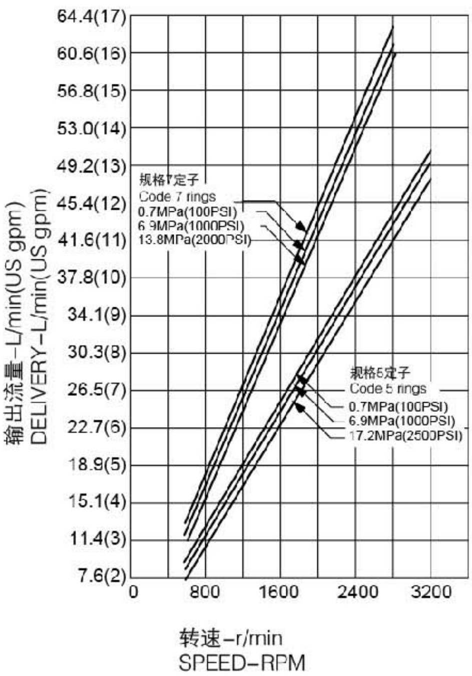


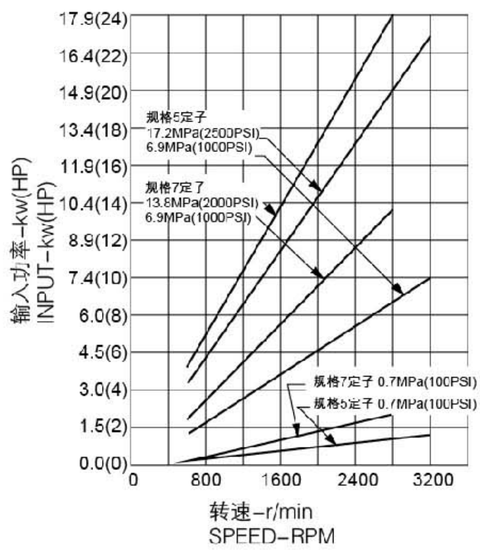
特性曲线 Performance characteristics

测试条件: 油温49℃，油粘度32 cSt(38℃), 空载 Typical flows at 49℃, oil at 26 cSt(38℃), 0MPa

V10

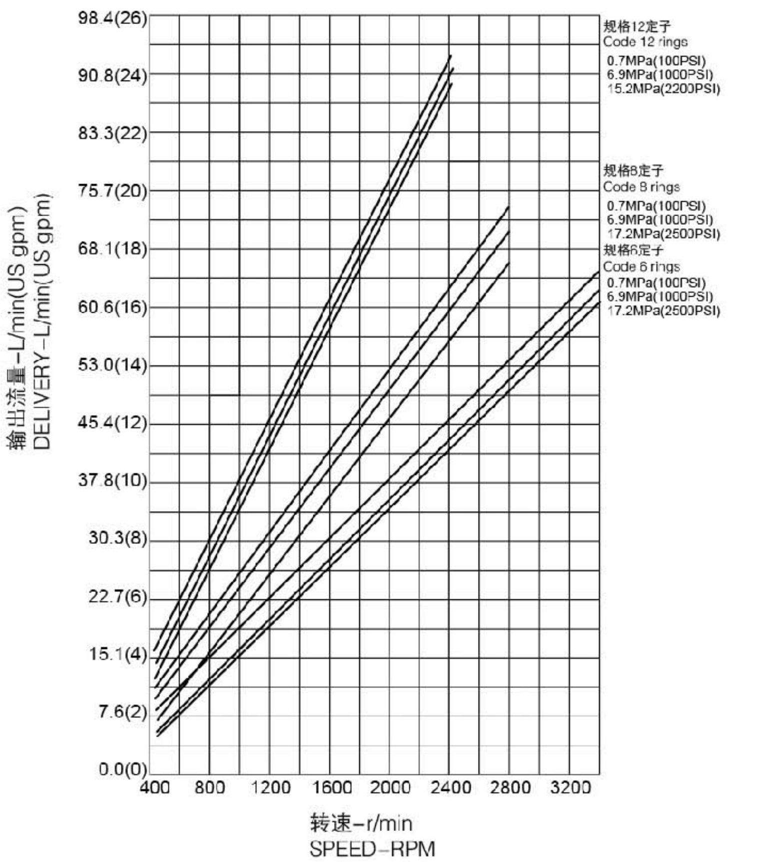
规格5和7的定子
Code 5 & 7 rings

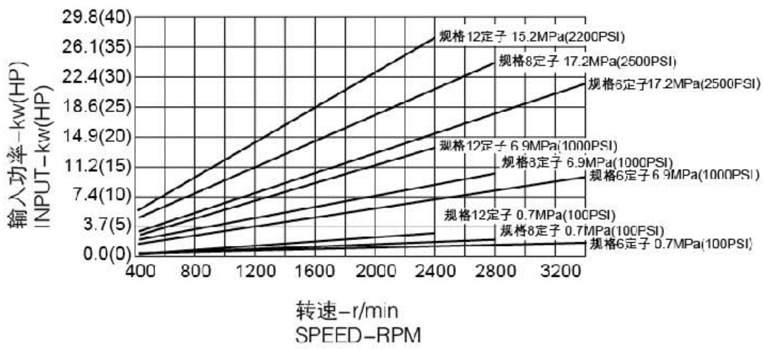




V20

规格6、8和12的定子
Code 6、8 & 12 rings



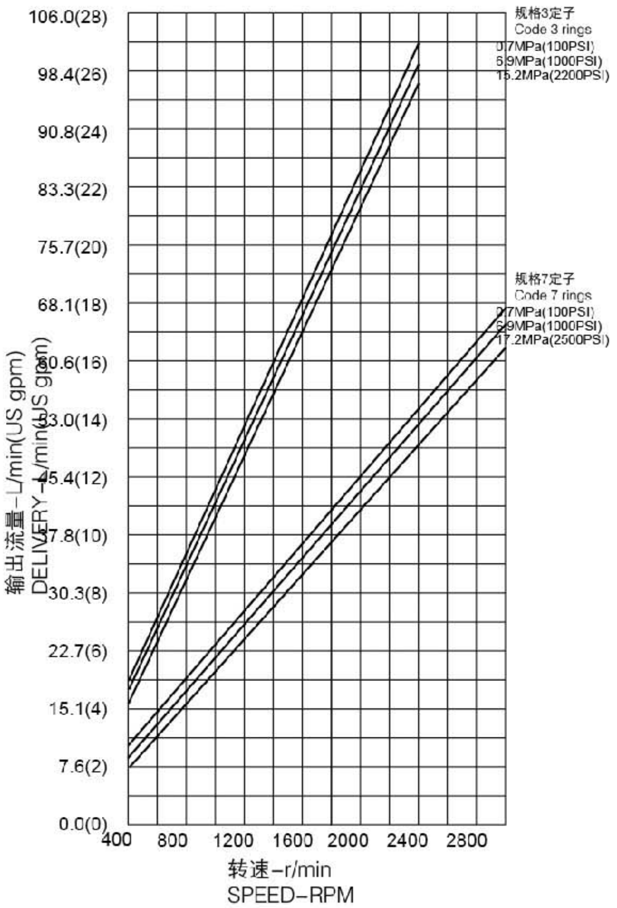


特性曲线 Performance characteristics

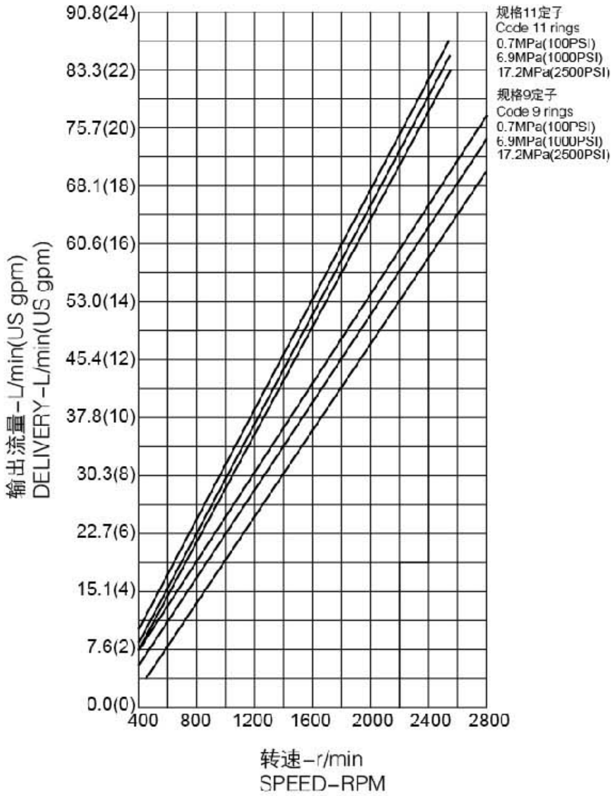
测试条件: 油温49℃，油粘度32 cSt(38℃), 空载 Typical flows at 49℃, oil at 26 cSt(38℃), 0MPa

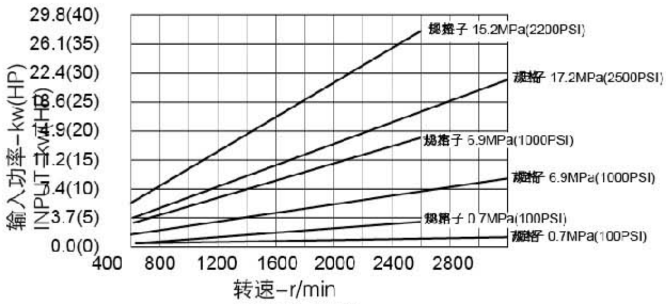
V20

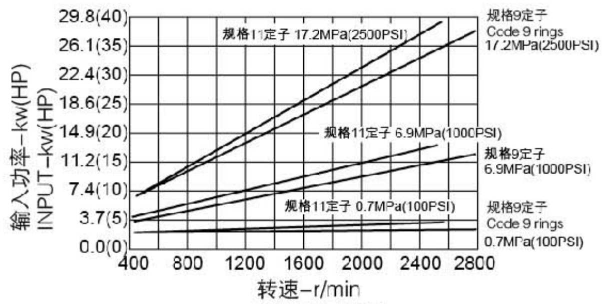
规格7和13的定子
Code 7 & 13 rings



规格9和11的定子
Code 9 & 11 rings

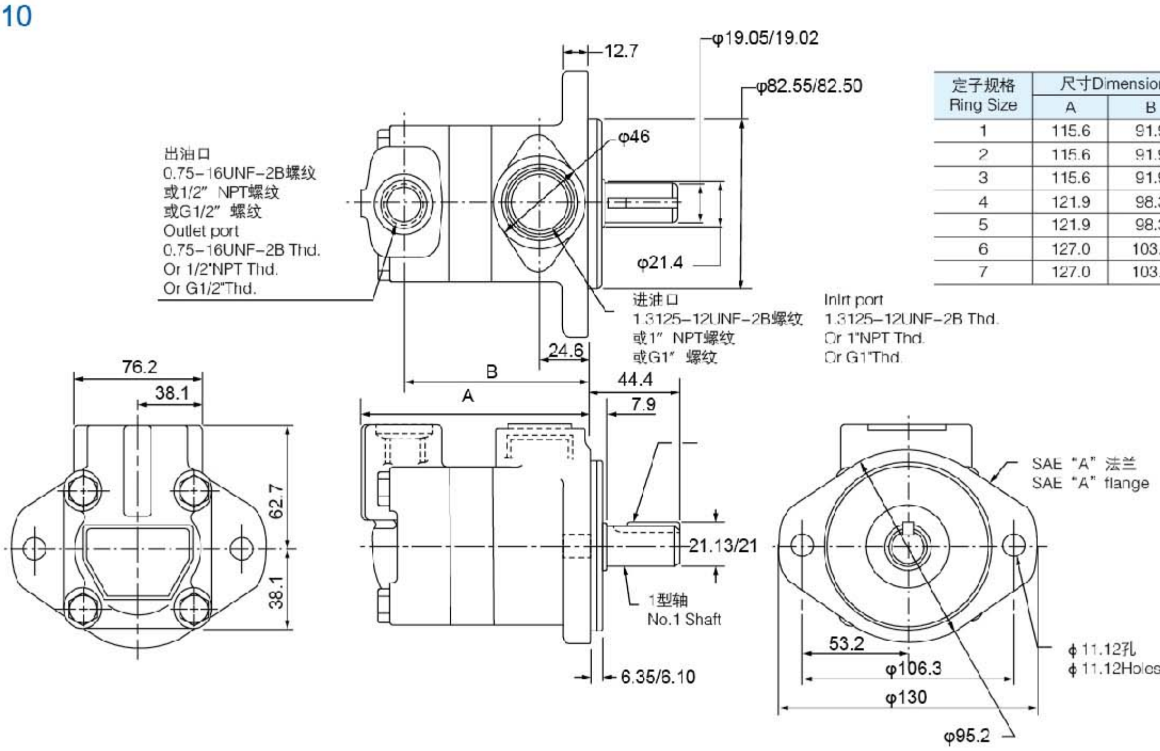






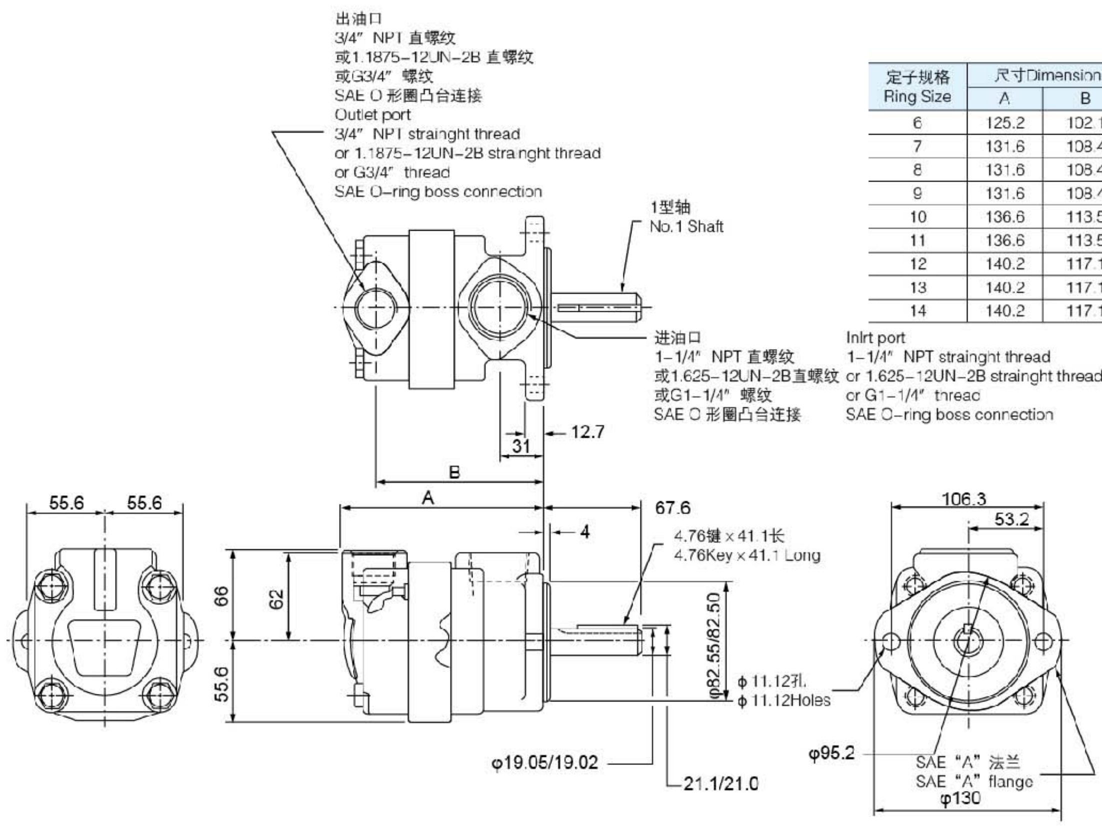
安装连接尺寸 Installation dimensions

V10



定子规格 Ring Size	尺寸Dimension A	B
1	115.6	91.9
2	115.6	91.9
3	115.6	91.9
4	121.9	98.3
5	121.9	98.3
6	127.0	103.4
7	127.0	103.4

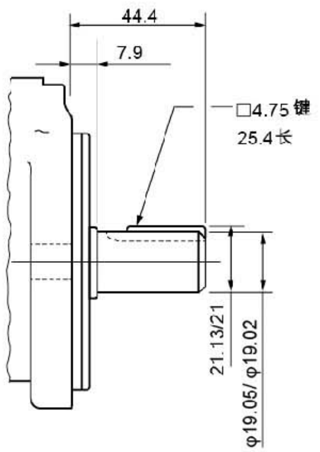
V20



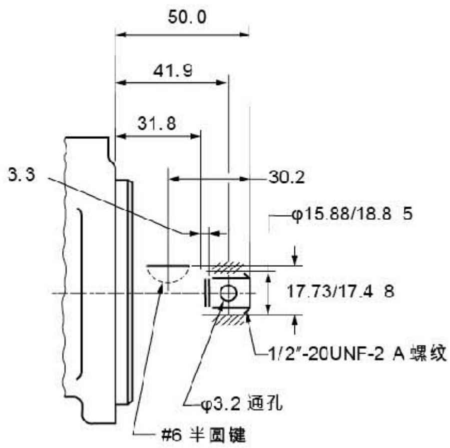
定子规格 Ring Size	尺寸Dimension A	B
6	125.2	102.1
7	131.6	108.4
8	131.6	108.4
9	131.6	108.4
10	136.6	113.5
11	136.6	113.5
12	140.2	117.1
13	140.2	117.1
14	140.2	117.1

安装连接尺寸 Installation dimensions

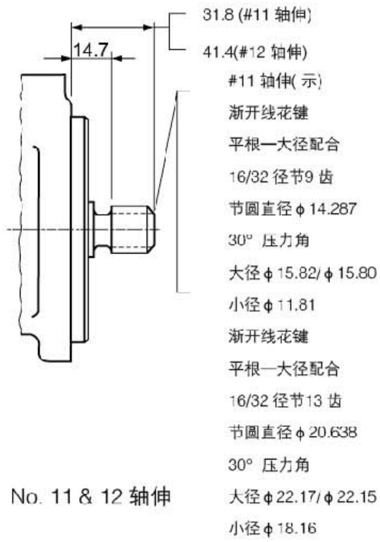
V10



No. 1 轴伸

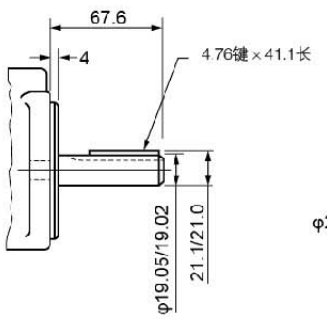


No. 3 轴伸

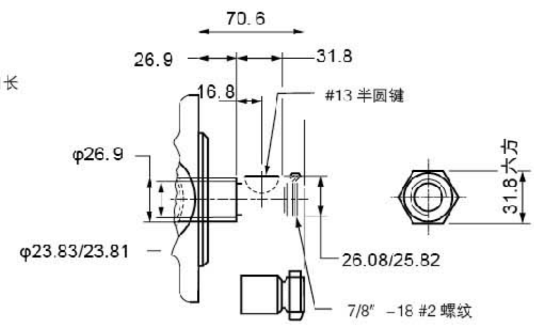


No. 11 & 12 轴伸

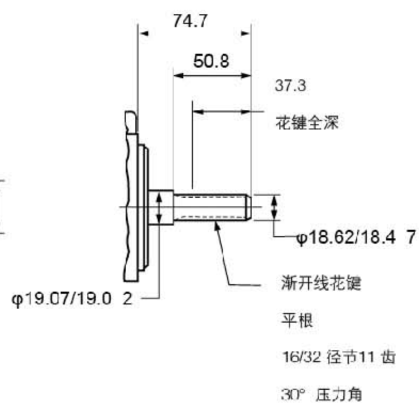
V20



No. 1 轴伸



No. 3 轴伸



No. 11 轴伸

注：NO.62带键轴伸与上面所示的V10#11轴伸相同。