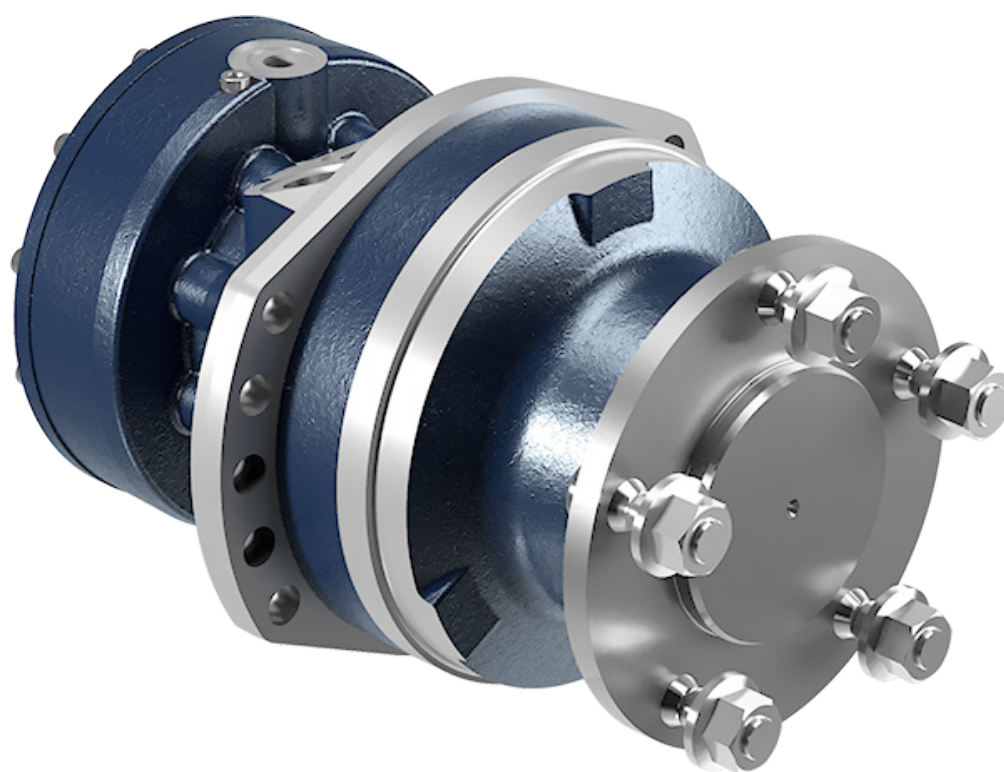
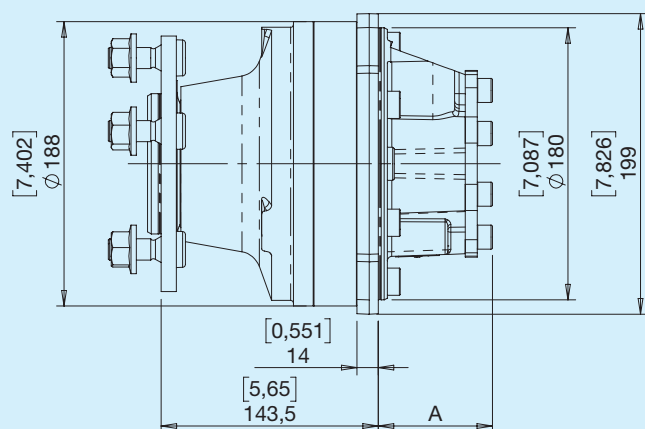


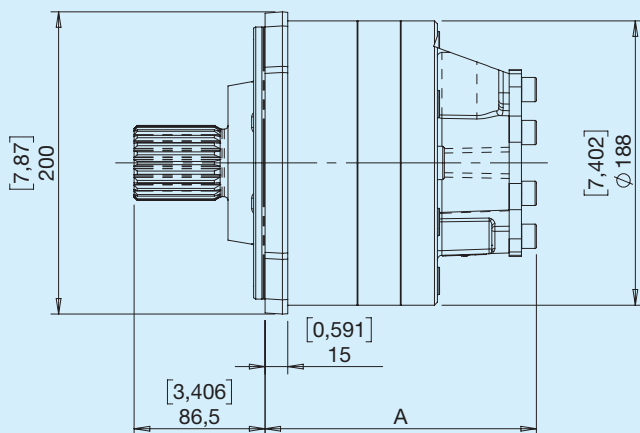
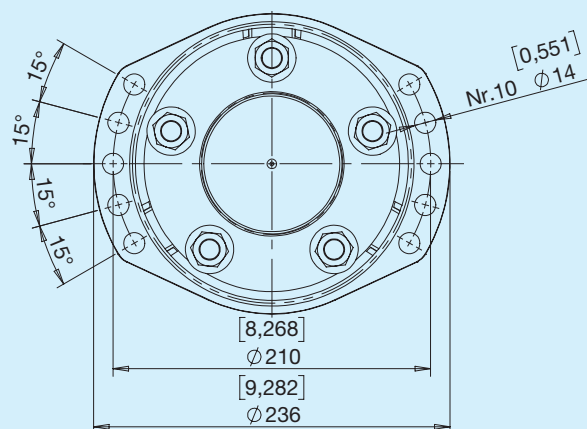
## HPR 系列 2 电机



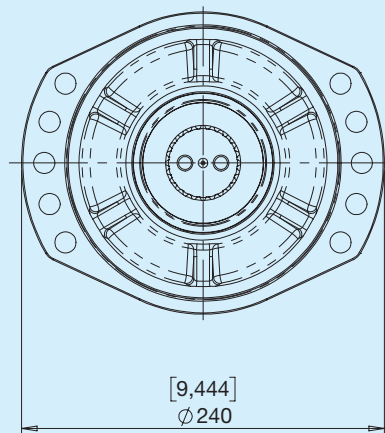
开始使用前，请仔细阅读文件《闭式轴向柱塞泵和电机使用一般说明》。



电动轮版本

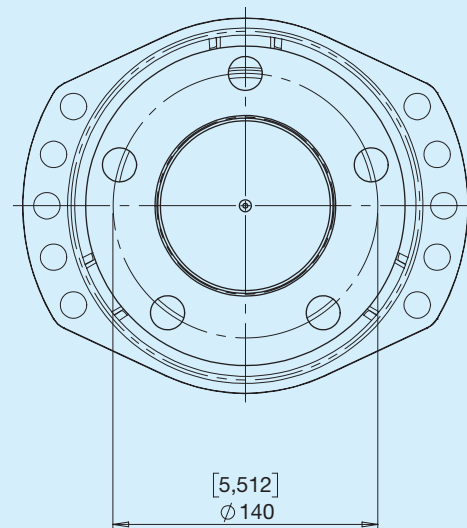
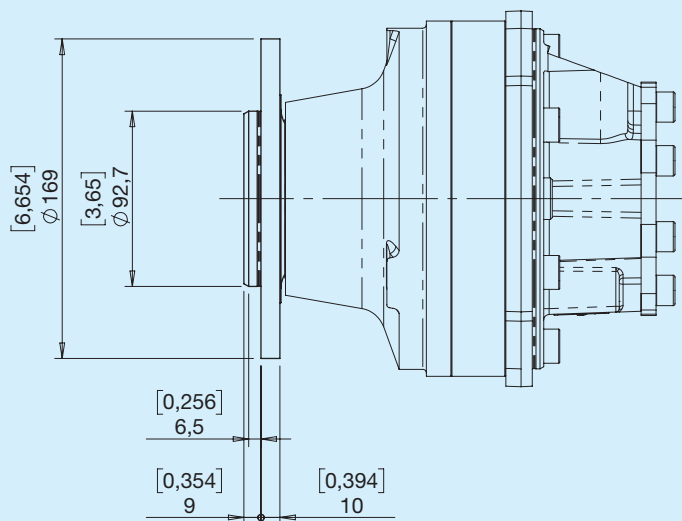


花键轴版本

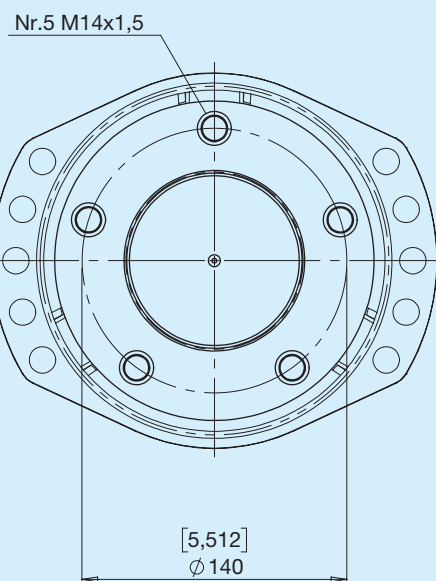
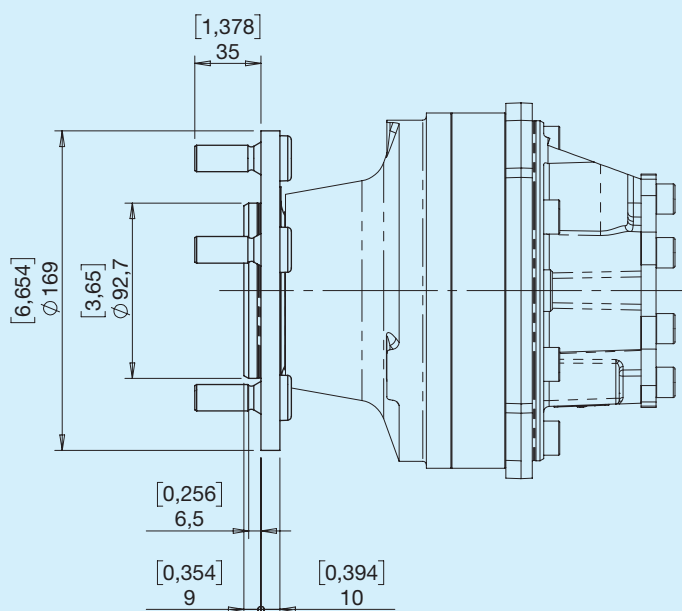


| HPR2       | 理论位移            |                 |                 |                 | 转速       |     | 工作压力 |      | 最大功率     |     | Massa |     |
|------------|-----------------|-----------------|-----------------|-----------------|----------|-----|------|------|----------|-----|-------|-----|
|            | 固定 / 1 档        |                 | 2 档             |                 | 固定 / 1 档 | 2 档 | psi  |      | 固定 / 1 档 | 2 档 | kg    | lbs |
|            | cm <sup>3</sup> | in <sup>3</sup> | cm <sup>3</sup> | in <sup>3</sup> | RPM      | RPM | 5800 | psi  | kW       | kW  |       |     |
| <b>210</b> | 213             | 13,00           | 107             | 6,53            | 470      | 470 | 450  | 6525 | 18       | 12  | 33    | 73  |
| <b>230</b> | 235             | 14,34           | 118             | 7,20            | 435      | 435 | 450  | 6525 | 18       | 12  | 33    | 73  |
| <b>260</b> | 261             | 15,93           | 131             | 7,99            | 390      | 390 | 450  | 6525 | 18       | 12  | 33    | 73  |
| <b>330</b> | 333             | 20,32           | 167             | 10,19           | 265      | 336 | 400  | 5800 | 22       | 16  | 33    | 73  |
| <b>360</b> | 367             | 22,40           | 184             | 11,23           | 245      | 311 | 400  | 5800 | 22       | 16  | 33    | 73  |
| <b>400</b> | 408             | 24,90           | 204             | 12,45           | 220      | 279 | 400  | 5800 | 22       | 16  | 33    | 73  |

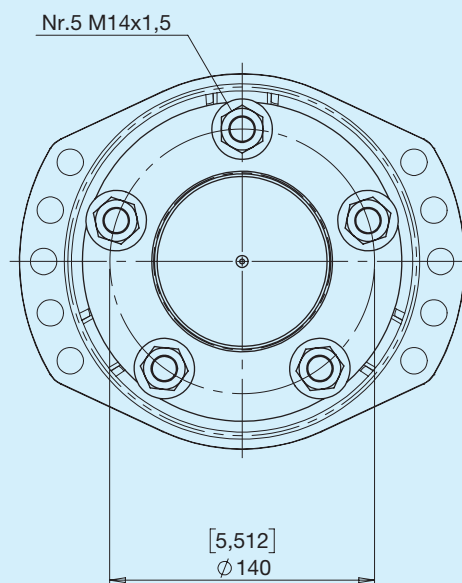
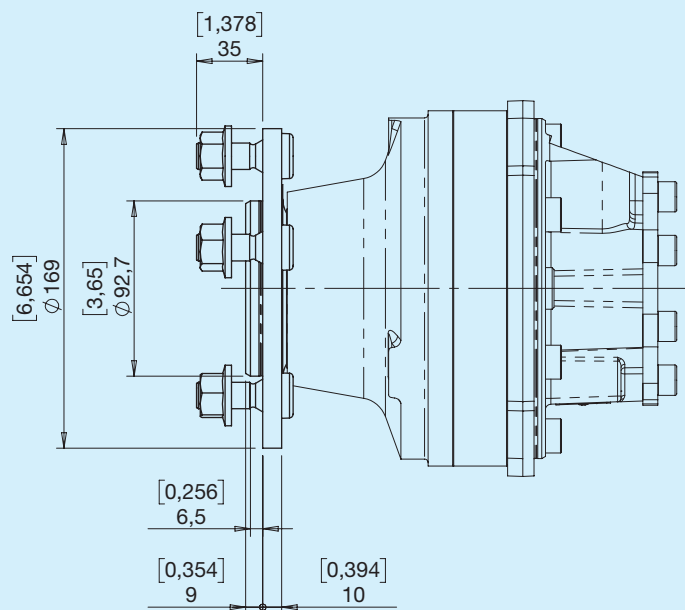
## R 后 (轮)



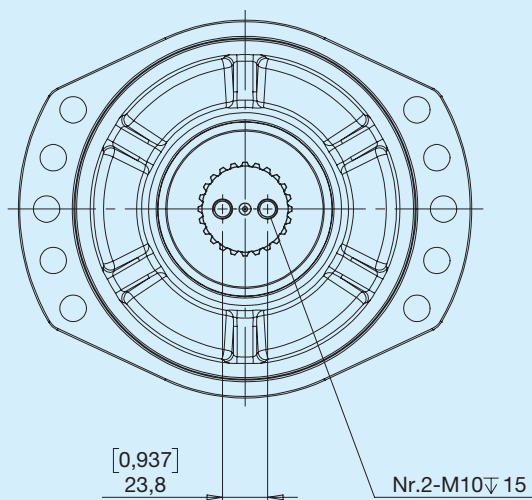
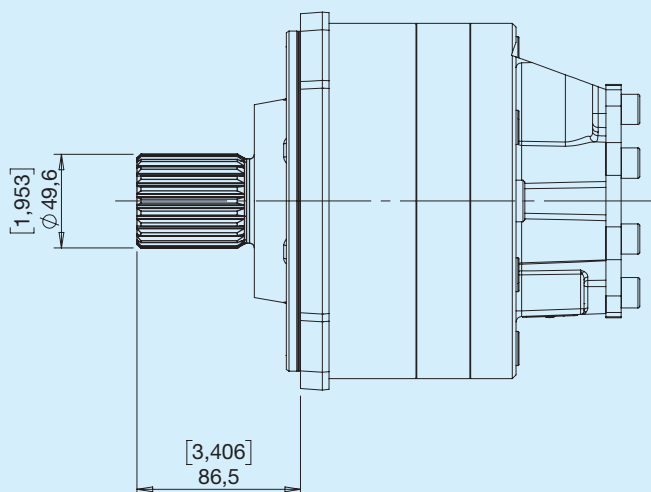
## 1 后 (带螺钉的轮子)



## 2 后 (带螺钉和螺母的轮子)

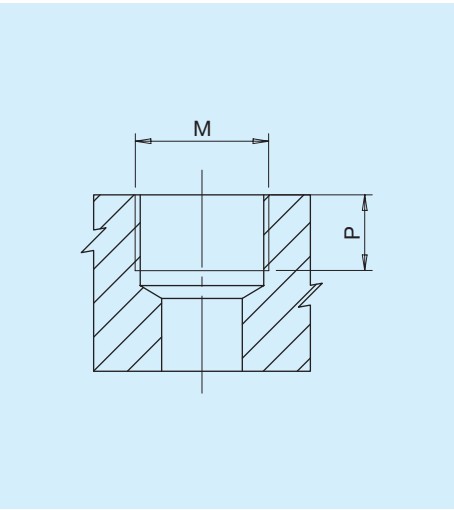


## E 轴 DIN 5480 W50x2x30x24



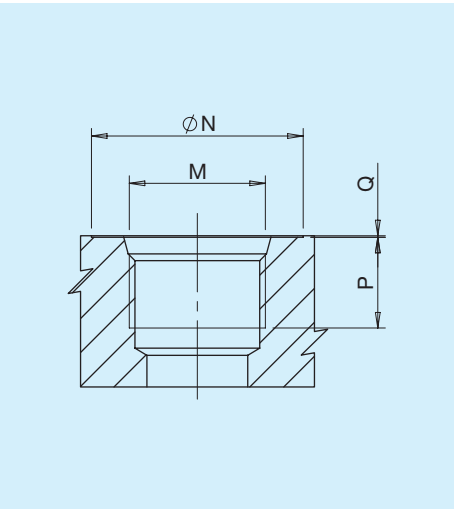
最大扭矩 2860 Nm

G 型



| 类型 | M                     | Nm | P    |      |
|----|-----------------------|----|------|------|
|    |                       |    | mm   | in   |
| G2 | 端口 ISO 1179-1 - G 1/4 | 17 | 15   | 0.59 |
| G3 | 端口 ISO 1179-1 - G 3/8 | 38 | 12.5 | 0.49 |
| G4 | 端口 ISO 1179-1 - G 1/2 | 70 | 15   | 0.59 |

U 型

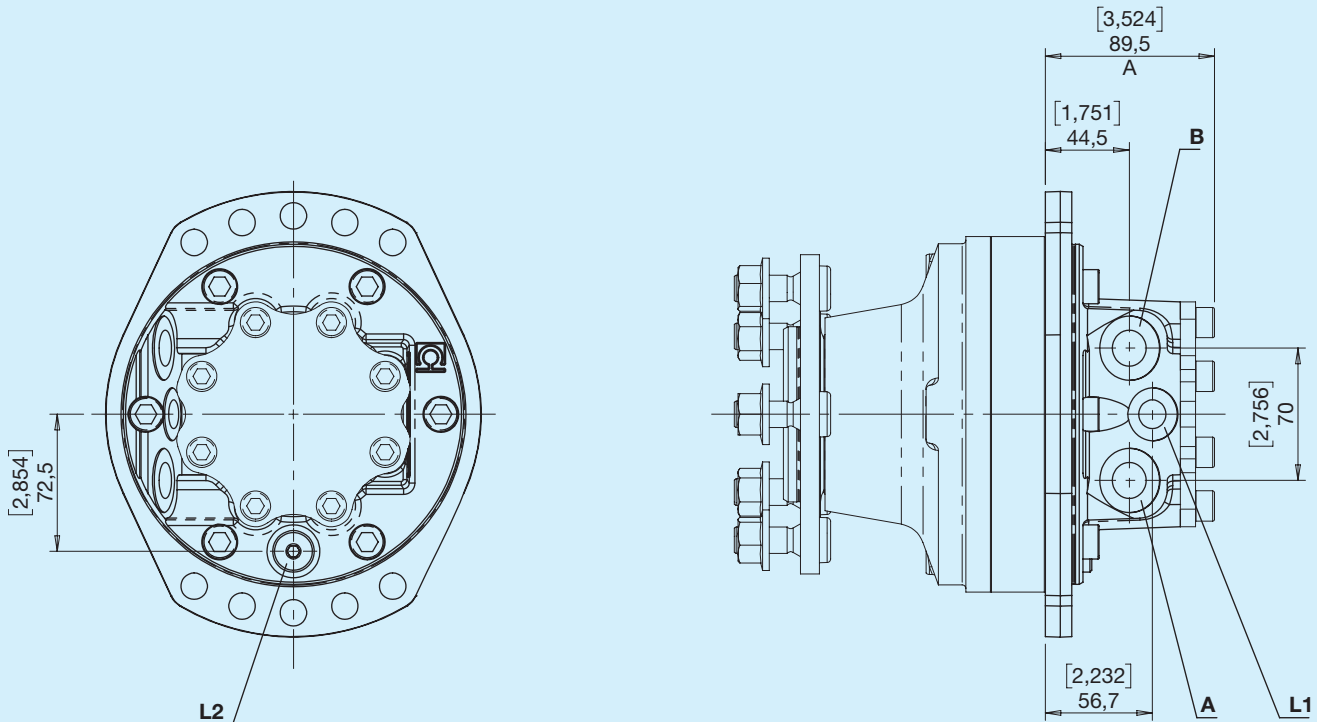


| 类型 | 尺寸   | N  |      | P  |      | Q   |      | M                        | Nm |
|----|------|----|------|----|------|-----|------|--------------------------|----|
|    |      | mm | in   | mm | in   | mm  | in   |                          |    |
| U3 | 3/8" | 26 | 1,02 | 15 | 0,59 | 0,3 | 0,01 | 端口 ISO 11926-1 - 9/16-18 | 38 |
| U4 | 1/2" | 30 | 1,18 | 15 | 0,59 | 0,3 | 0,01 | 端口 ISO 11926-1 - 3/4-16  | 47 |
| U5 | 5/8" | 34 | 1,34 | 15 | 0,59 | 0,3 | 0,01 | 端口 ISO 11926-1 - 7/8-14  | 70 |

组合

| 类型 | Input/Output<br>A-B | 排水<br>L1-L2 | 位移变化<br>Y | 制动松开<br>X |
|----|---------------------|-------------|-----------|-----------|
| G  | G7                  | G3          | G2        | G2        |
| U  | U5                  | U4          | U3        | U3        |

**FC** 固定无制动

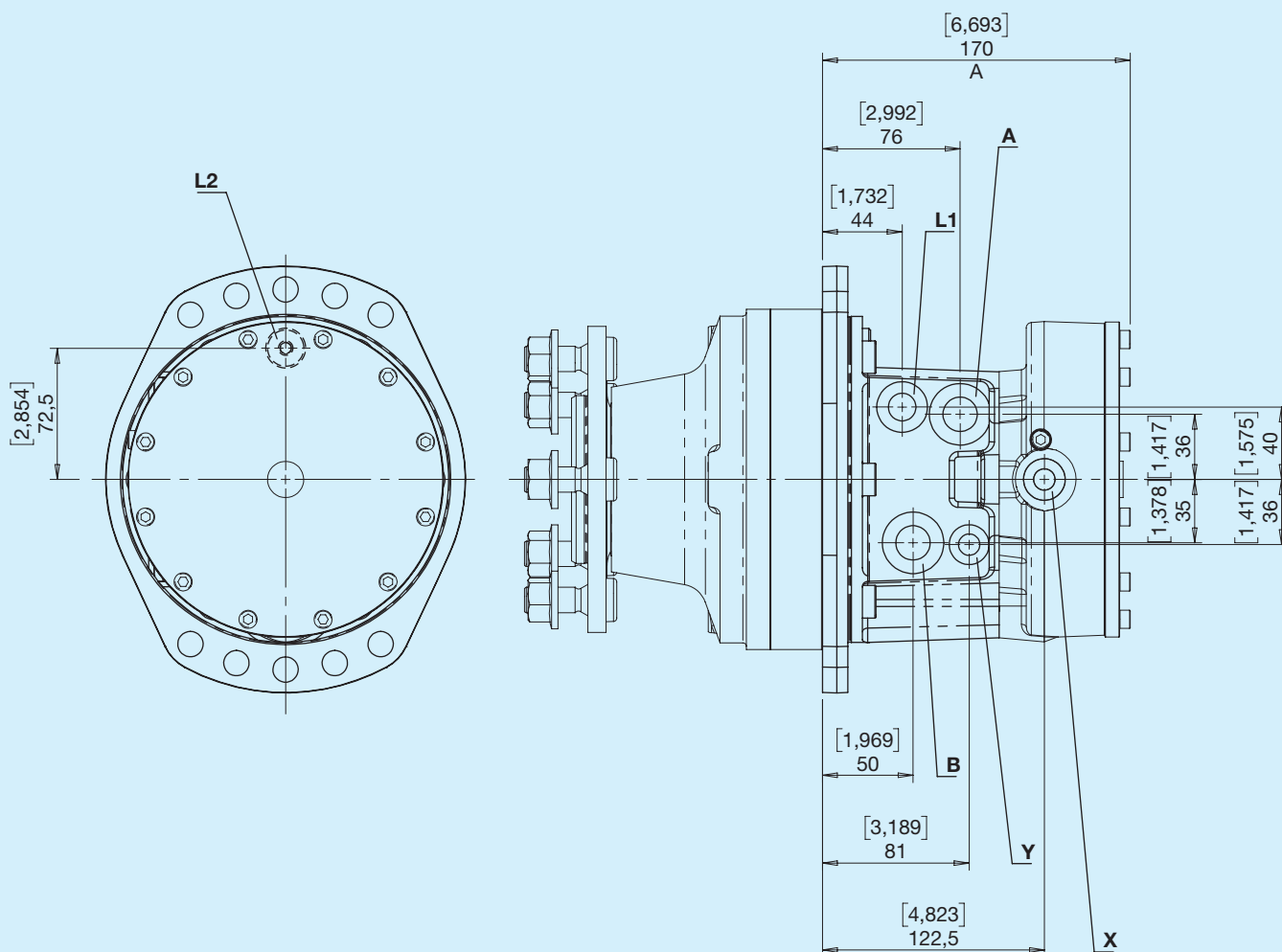




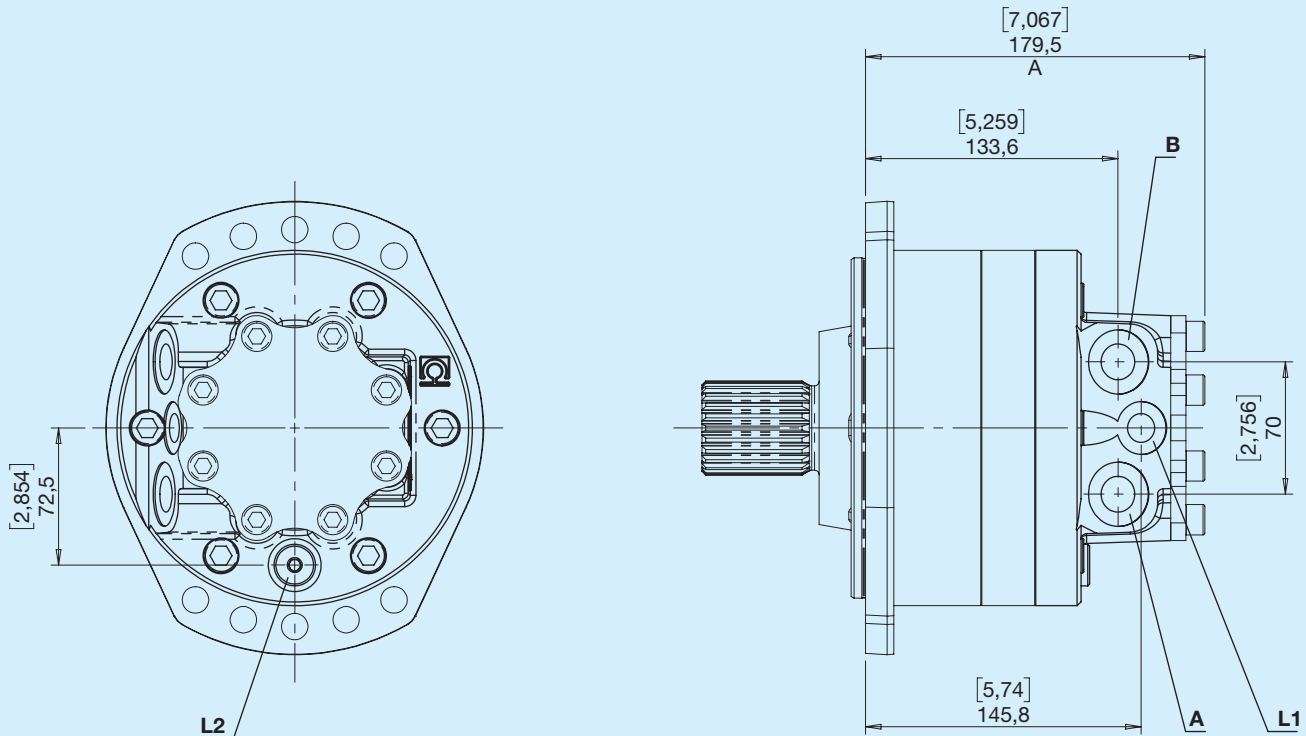




## VF 2 档带制动



**AC** 固定无制动



Technical drawing of a mechanical component, showing two views: a top view (left) and a side view (right).

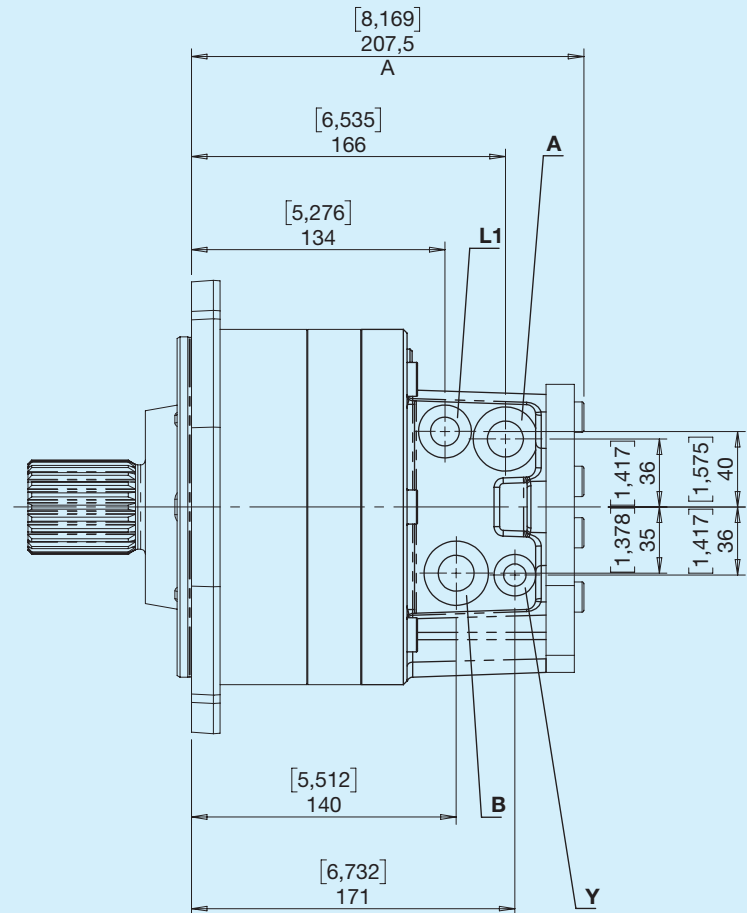
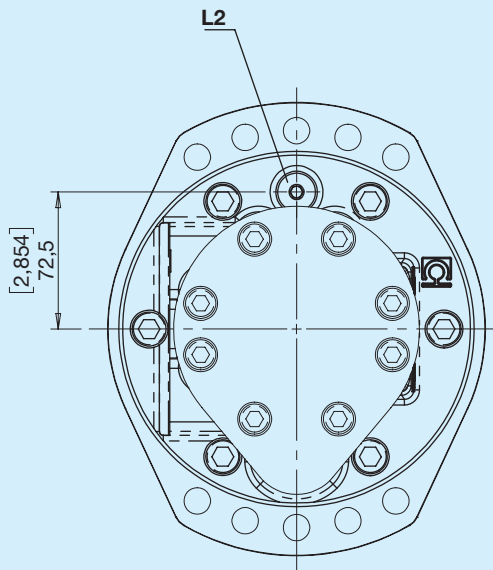
**Top View (Left):**

- Overall width:  $[2,854]$  72,5
- Feature L2: A small circular feature at the bottom center.

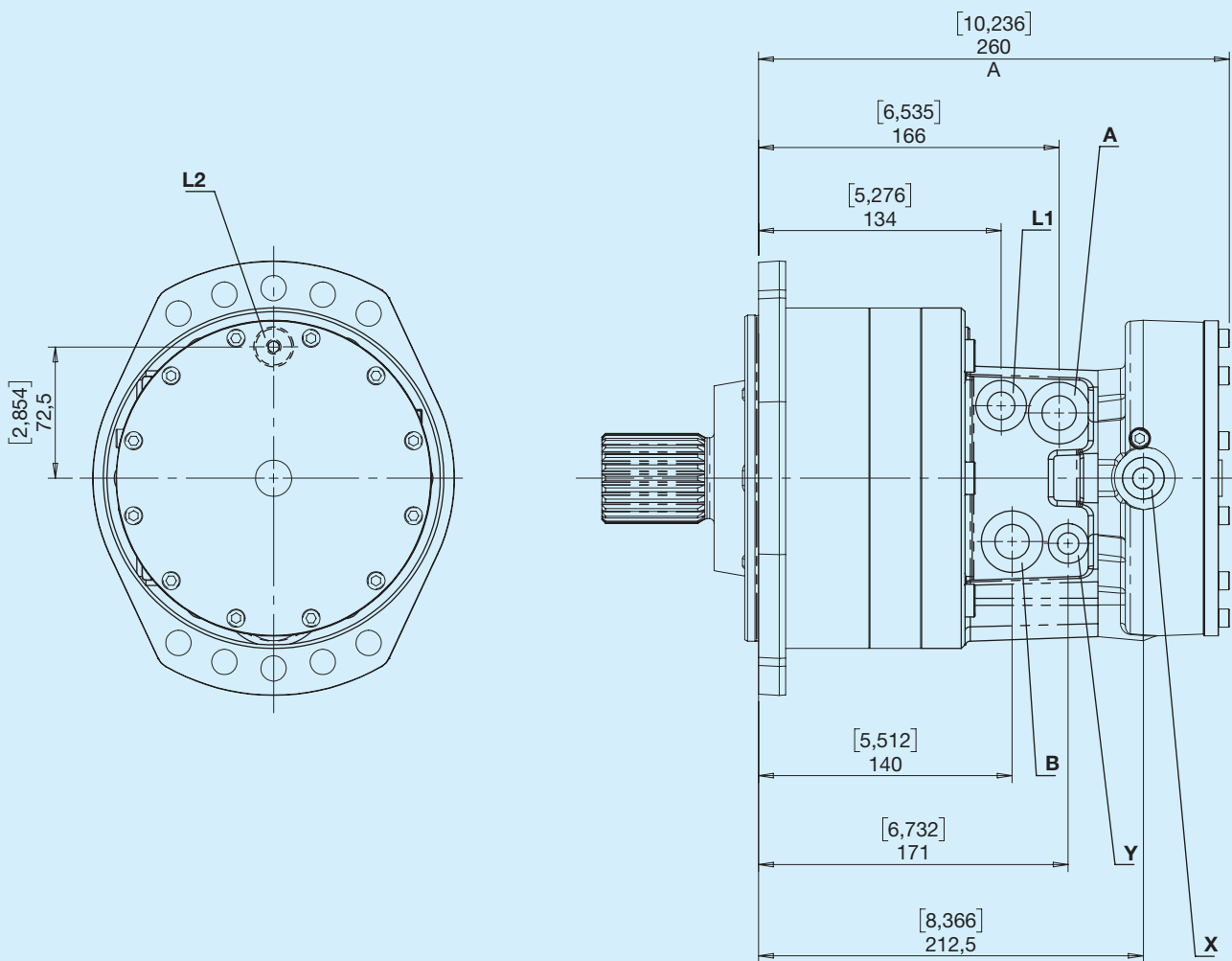
**Side View (Right):**

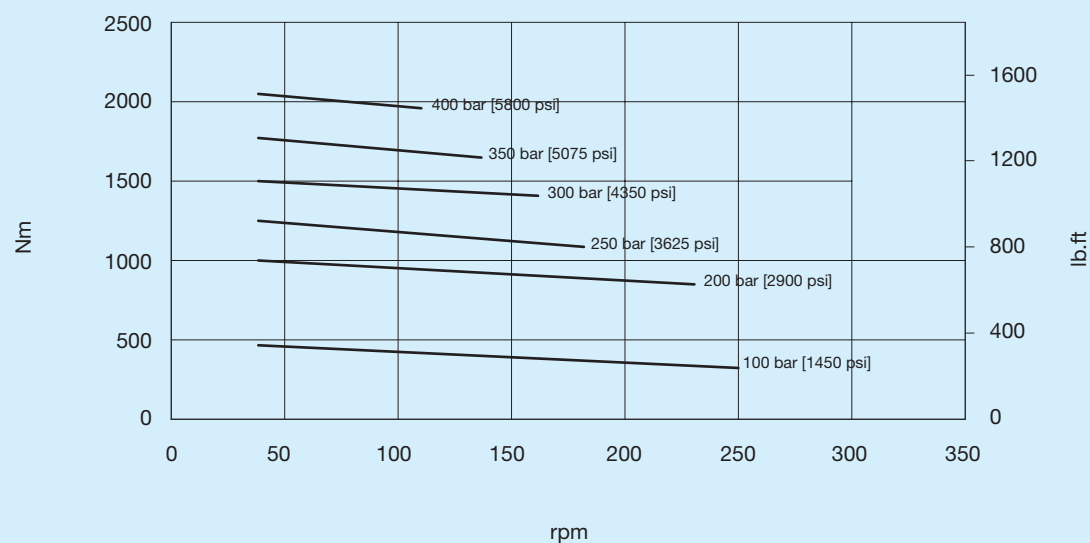
- Overall width:  $[9,213]$  234
- Feature A: A dimension line indicating a width of  $[7,343]$  186,5.
- Feature B: A dimension line indicating a width of  $[5,259]$  133,6.
- Feature X: A dimension line indicating a width of  $[1,378]$  35.
- Feature L1: A dimension line indicating a width of  $[1,378]$  35.
- Feature A: A dimension line indicating a width of  $[5,74]$  145,8.

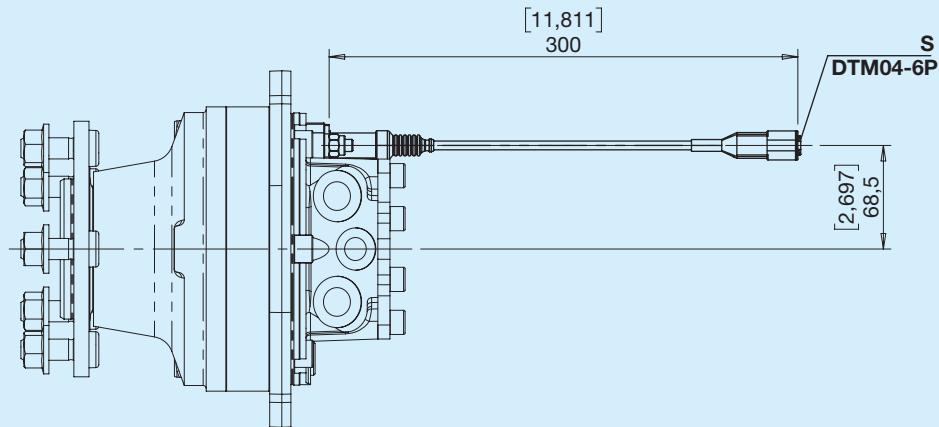
**WC** 2 档无制动



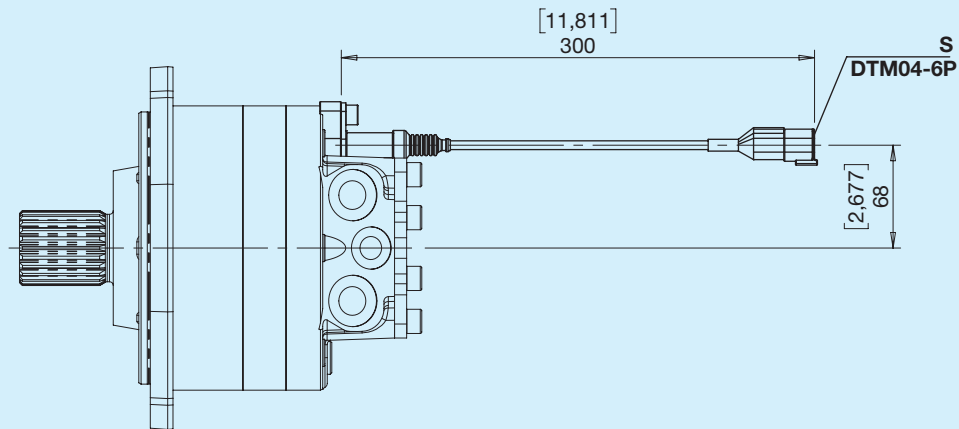
## WF 2 档带制动





**S** Sensore di giri

轮毂电机版本

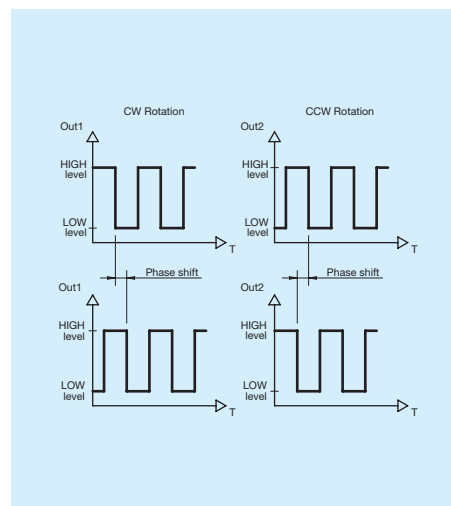


花键轴版本

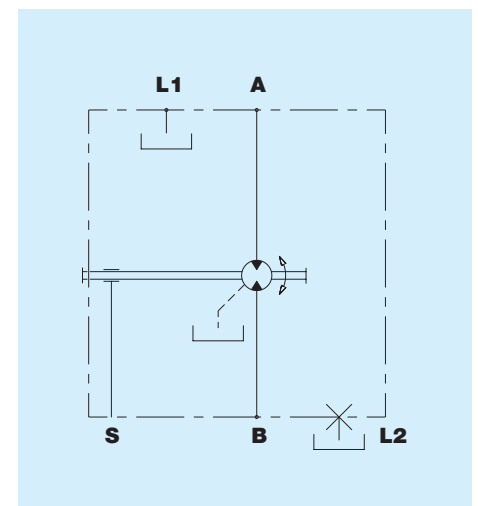
## 特性

输出通道数量: **2**  
 输出类型: 见图示  
 供电电压范围: **4.5Vdc ~ 30Vdc**  
 带负载时的最大输出电流: **700mA**  
 可读的最高频率: **10kHz**  
 可读的最低频率: 零速  
 传感器本体工作温度范围: **-40°C ~ +125°C**  
 传感器线缆工作温度范围: **-40°C ~ +105°C**  
 传感器本体防护等级: **IP69K**  
 连接器侧防护等级: **IP67**

## 输出信号



## 液压原理图



| 1           | 2    | 3         | 4            | 5 | 6 | 7               | 8         | 9 | 10                       | 11 | 12 | 13 |
|-------------|------|-----------|--------------|---|---|-----------------|-----------|---|--------------------------|----|----|----|
| <b>HPR2</b> |      |           |              |   |   |                 |           |   |                          |    |    |    |
| 1           | 标准排量 |           |              |   |   |                 |           |   |                          |    |    |    |
| 2           |      |           |              |   |   |                 |           |   |                          |    |    |    |
| 2           | 3    | 传动轴       |              |   |   |                 |           |   |                          |    |    |    |
| FB 固定 - 双向  |      | VR 可变 - 右 |              |   |   |                 | VR 可变 - 左 |   |                          |    |    |    |
| 4           | 5    | 6         | 最小排量         |   |   |                 |           |   |                          |    |    |    |
| 210         |      | 260       |              |   |   |                 | 360       |   |                          |    |    |    |
| 230         |      | 330       |              |   |   |                 | 400       |   |                          |    |    |    |
| 7           | 法兰   |           |              |   |   |                 |           |   |                          |    |    |    |
| R 后 (轮)     |      |           | 1 后 (带螺钉的轮子) |   |   | 2 后 (带螺钉和螺母的轮子) |           |   | E 轴 DIN 5480 W50x2x30x24 |    |    |    |
| 8           | 传动轴  |           |              |   |   |                 |           |   |                          |    |    |    |
| F 带制动       |      |           | C 不带制动       |   |   |                 |           |   |                          |    |    |    |
| 9           | 油口类型 |           |              |   |   |                 |           |   |                          |    |    |    |
| G 气体        |      |           | U 通用         |   |   |                 |           |   |                          |    |    |    |
| 10          | 配件   |           |              |   |   |                 |           |   |                          |    |    |    |
| 0 无选项       |      |           | C 油漆         |   |   | S 转速传感器         |           |   |                          |    |    |    |
| 11          | 12   | 13        | 特殊形式         |   |   |                 |           |   |                          |    |    |    |
| ...         |      |           |              |   |   |                 |           |   |                          |    |    |    |