

如何订购/ HOW TO ORDER

|             |               |                                                                                                                   |            |                |                           |             |                   |             |                        |             |                |
|-------------|---------------|-------------------------------------------------------------------------------------------------------------------|------------|----------------|---------------------------|-------------|-------------------|-------------|------------------------|-------------|----------------|
| 2.5         | P             | DF                                                                                                                | 规格<br>Size | 旋向<br>Rotation |                           | 轴伸<br>Shaft | 前盖<br>Front cover | 油口<br>Ports | 油口位置<br>Ports position | 油封<br>Seals | 可选项<br>Options |
| 组别<br>Group | P-齿轮泵<br>Pump | 系列号<br>Series                                                                                                     | 6          | D              | 顺时针转<br>Clockwise         |             | T5                |             |                        |             |                |
|             |               |                                                                                                                   | 8          |                |                           |             |                   |             |                        |             |                |
|             |               | UF-前、后盖材料为铝合金<br>UF-Front and end cover material aluminum                                                         | 10         | S              | 逆时针转<br>Counter clockwise |             | R2                |             |                        |             |                |
|             |               |                                                                                                                   | 12         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 14         | R              | 可正反转<br>Reversible        |             | R3                |             |                        |             |                |
|             |               |                                                                                                                   | 16         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 19         |                |                           |             |                   |             |                        |             |                |
|             |               | DF-前、后盖材料为铸铁,压力比 UF 系列高 30bar。<br>DF-Front and end cover material cast iron, pressure than DF'series high 30 bar. | 22         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 25         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 28         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 30         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 32         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 36         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 38         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 40         |                |                           |             |                   |             |                        |             |                |
|             |               |                                                                                                                   | 44         |                |                           |             |                   |             |                        |             |                |

|         |                                 |
|---------|---------------------------------|
| 油口位置    | Ports position                  |
| 省略-侧进侧出 | Omit-Side inlet and side outlet |
| A-前进前出  | A-Front inlet and front outlet  |
| B-后进前出  | B-Back inlet and front outlet   |
| C-后进侧出  | C-Back inlet and side outlet    |
| D-侧进前出  | D-Side inlet and front outlet   |
| R-后进后出  | R-Back inlet and back outlet    |

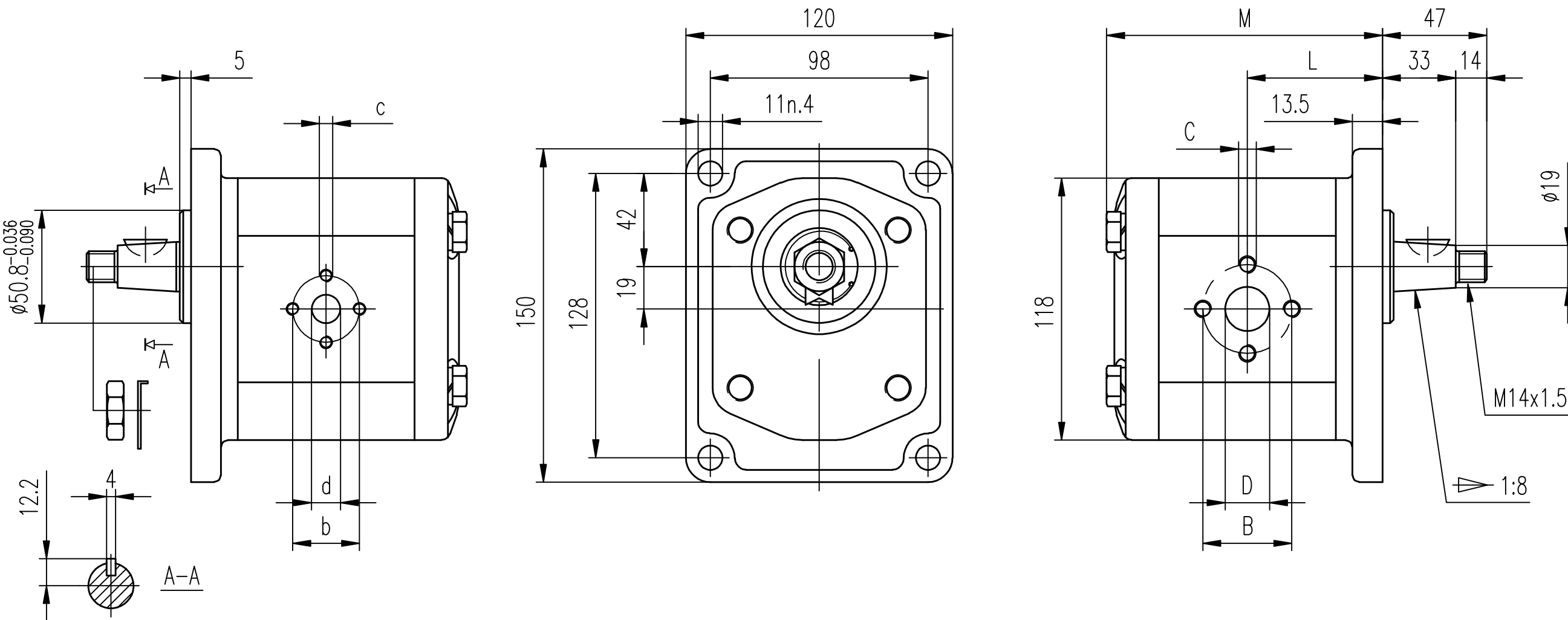
|                                    |                                                                                |
|------------------------------------|--------------------------------------------------------------------------------|
| 油封                                 | Seals                                                                          |
| 省略-温度范围在-10℃~+80℃ ,进油口最高绝对压力为3bar。 | Omit-Range between -10℃ and +80℃, inlet pressure up to max. 3 bar absolute.    |
| V-适用于高温介质, 温度范围在-10℃~+120℃。        | V-Version suitable for fluid at hi-temperatures, range between -10℃ and +120℃. |
| H-适用于低温介质, 温度范围在-40℃~+80℃。         | H-Version suitable for fluid at low-temperatures, range between -40℃ and +80℃. |
| T-适用于进油口最大绝对压力3~6bar。              | T-Version suitable for inlet pressure up to max. 3 and 6 bar absolute.         |
| N-适用于进油口最大绝对压力3~10bar。             | N-Version suitable for inlet pressure up to max. 3 and 10 bar absolute.        |

安装泵时，n.4 M12 螺钉扭矩设定为  
130...135 Nm.  
轴伸 M14x1.5 螺母扭矩设定为 75 Nm.

To mount the pump, n.4 M10 screws,  
with a torque wrench setting fixed  
at 130...135 Nm.  
Shaft M14x1.5 nut, with a torque  
wrench setting fixed at 75 Nm.

出油口  
OUTLET

进油口  
INLET

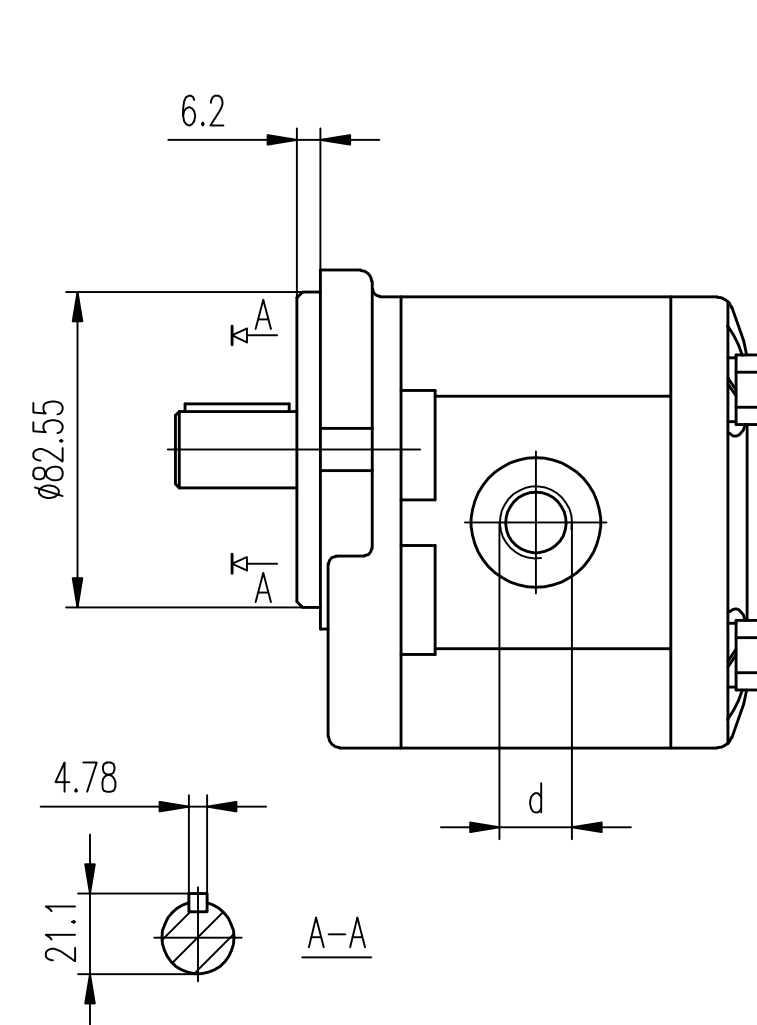


| 规格<br>Type     | 排量<br>Displacement     | 最大压力<br>Max pressure |     |     | 最高转速<br>Max. speed | 最低转速<br>Min. speed | 尺寸<br>Dimensions |      |    |    |     |    |    |    |
|----------------|------------------------|----------------------|-----|-----|--------------------|--------------------|------------------|------|----|----|-----|----|----|----|
|                |                        | P1                   | P2  | P3  |                    |                    | M                | L    | B  | D  | C   | b  | d  | c  |
|                | (cm <sup>3</sup> /rev) | bar                  | bar | bar | (r/min)            | (r/min)            | mm               | mm   | mm | mm |     | mm | mm |    |
| 2.5PDF-6-D*T5  | 6                      | 250                  | 280 | 300 | 4000               | 800                | 103              | 49.3 | 30 | 13 | M6  | 30 | 13 | M6 |
| 2.5PDF-8-D*T5  | 8                      | 250                  | 280 | 300 | 4000               | 800                | 105              | 50.3 | 30 | 13 | M6  | 30 | 13 | M6 |
| 2.5PDF-10-D*T5 | 10                     | 250                  | 280 | 300 | 4000               | 700                | 107              | 51.3 | 40 | 20 | M8  | 30 | 13 | M6 |
| 2.5PDF-12-D*T5 | 12                     | 250                  | 280 | 300 | 3500               | 700                | 110              | 52.5 | 40 | 20 | M8  | 30 | 13 | M6 |
| 2.5PDF-14-D*T5 | 14                     | 250                  | 280 | 300 | 3500               | 600                | 111              | 53.3 | 40 | 20 | M8  | 30 | 13 | M6 |
| 2.5PDF-16-D*T5 | 16                     | 250                  | 280 | 300 | 3500               | 600                | 114              | 54.5 | 40 | 20 | M8  | 30 | 13 | M6 |
| 2.5PDF-19-D*T5 | 19                     | 250                  | 280 | 300 | 3000               | 500                | 117              | 56.3 | 40 | 20 | M8  | 30 | 13 | M6 |
| 2.5PDF-22-D*T5 | 22                     | 250                  | 280 | 300 | 3000               | 500                | 121              | 58.0 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-25-D*T5 | 25                     | 250                  | 280 | 300 | 3000               | 500                | 123              | 59.3 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-28-D*T5 | 28                     | 250                  | 280 | 300 | 3000               | 500                | 126              | 60.8 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-30-D*T5 | 30                     | 230                  | 250 | 260 | 3000               | 500                | 129              | 62.0 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-32-D*T5 | 32                     | 230                  | 250 | 260 | 3000               | 400                | 131              | 63.3 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-36-D*T5 | 36                     | 200                  | 230 | 250 | 2750               | 400                | 135              | 65.3 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-38-D*T5 | 38                     | 200                  | 230 | 250 | 2750               | 400                | 137              | 66.3 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-40-D*T5 | 40                     | 170                  | 190 | 210 | 2500               | 400                | 139              | 67.3 | 51 | 25 | M10 | 40 | 18 | M8 |
| 2.5PDF-44-D*T5 | 44                     | 170                  | 190 | 210 | 2500               | 400                | 144              | 69.5 | 51 | 25 | M10 | 40 | 18 | M8 |

G 1 螺纹深 19,  
G 3/4 螺纹深 16,  
G 1/2 螺纹深 15,  
安装泵时, n.4 M12 螺钉扭矩设定为  
130...135 Nm.

G 1 thread depth 19,  
G 3/4 thread depth 16,  
G 1/2 thread depth 15,  
To mount the pump, n.4 M12 screws,  
with a torque wrench setting fixed  
at 130...135 Nm.

出油口  
OUTLET

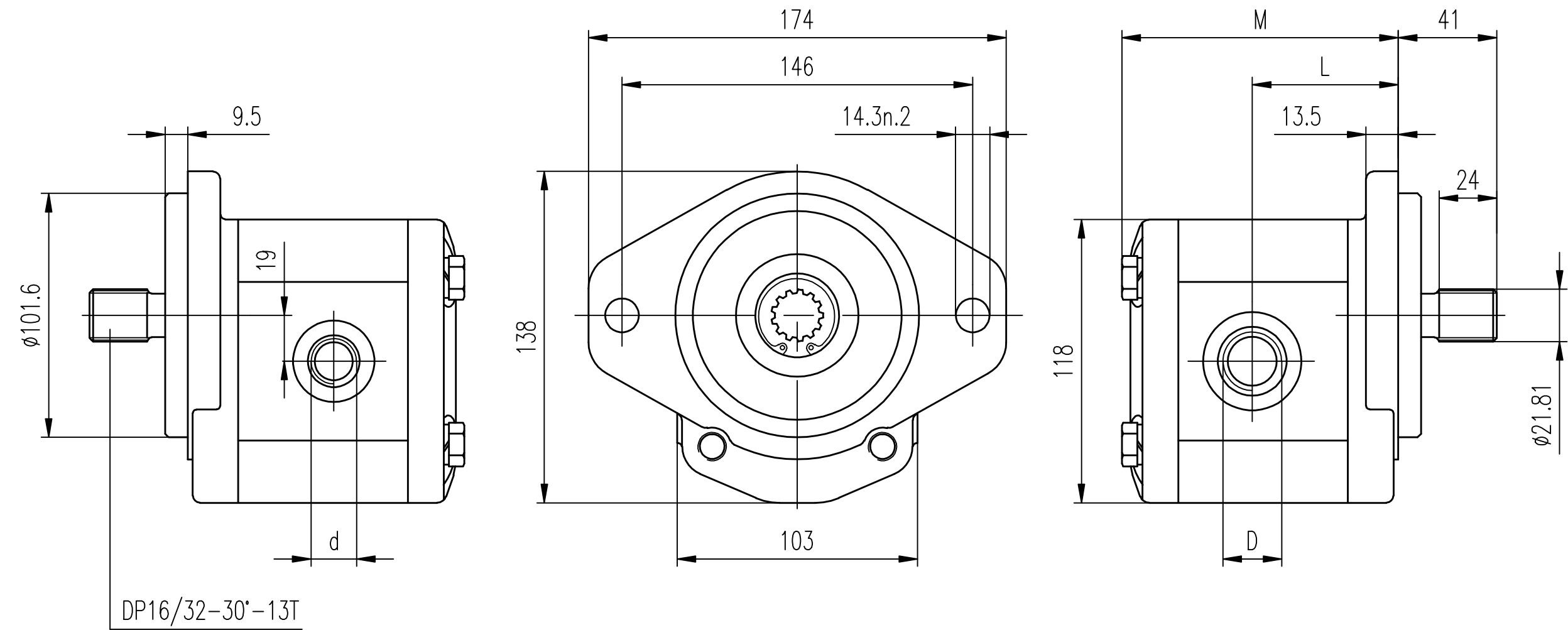


”D”和”d”油口有螺纹加工，用O形圈密封，旁侧削平的SAE J1926/1 (ISO J1926-1)。  
安装泵时，n.4 M12 螺钉扭矩设定为 130...135 Nm.

”D” and ”d” ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1(ISO J1926-1).  
To mount the pump, n.4 M12 screws, with a torque wrench setting fixed at 130...135 Nm.

出油口  
OUTLET

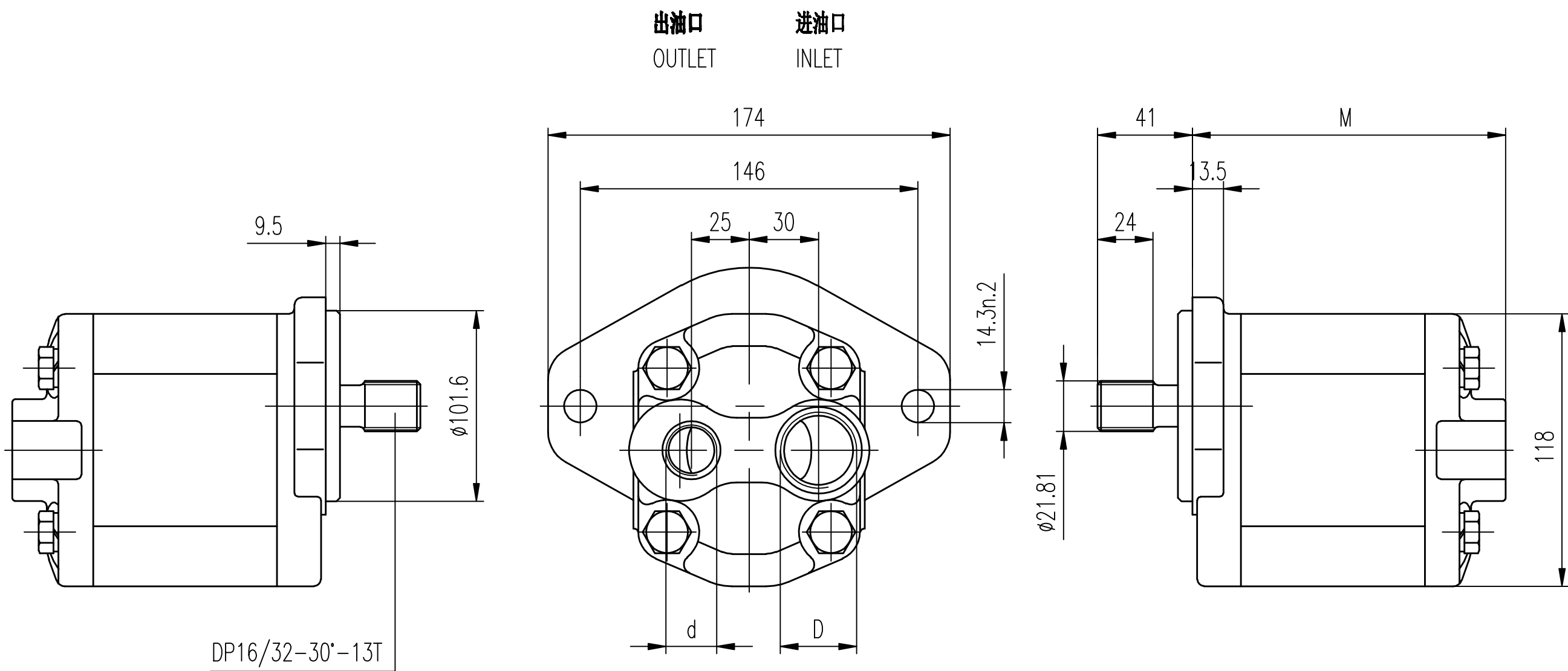
进油口  
INLET



| 规格<br>Type     | 排量<br>Displacement     | 最大压力<br>Max pressure |     |     | 最高转速<br>Max. speed | 最低转速<br>Min. speed | 尺寸<br>Dimensions |      |              |              |
|----------------|------------------------|----------------------|-----|-----|--------------------|--------------------|------------------|------|--------------|--------------|
|                |                        | P1                   | P2  | P3  |                    |                    | M                | L    | D            | d            |
|                | (cm <sup>3</sup> /rev) | bar                  | bar | bar | (r/min)            | (r/min)            | mm               | mm   |              |              |
| 2.5PDF-6-D*R3  | 6                      | 250                  | 280 | 300 | 4000               | 800                | 103              | 49.3 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-8-D*R3  | 8                      | 250                  | 280 | 300 | 4000               | 800                | 105              | 50.3 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-10-D*R3 | 10                     | 250                  | 280 | 300 | 4000               | 700                | 107              | 51.3 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-12-D*R3 | 12                     | 250                  | 280 | 300 | 3500               | 700                | 110              | 52.5 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-14-D*R3 | 14                     | 250                  | 280 | 300 | 3500               | 600                | 111              | 53.3 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-16-D*R3 | 16                     | 250                  | 280 | 300 | 3500               | 600                | 114              | 54.5 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-19-D*R3 | 19                     | 250                  | 280 | 300 | 3000               | 500                | 117              | 56.3 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-22-D*R3 | 22                     | 250                  | 280 | 300 | 3000               | 500                | 121              | 58.0 | 1 1/16-12UNF | 7/8-14UNF    |
| 2.5PDF-25-D*R3 | 25                     | 250                  | 280 | 300 | 3000               | 500                | 123              | 59.3 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-28-D*R3 | 28                     | 250                  | 280 | 300 | 3000               | 500                | 126              | 60.8 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-30-D*R3 | 30                     | 230                  | 250 | 260 | 3000               | 500                | 129              | 62.0 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-32-D*R3 | 32                     | 230                  | 250 | 260 | 3000               | 400                | 131              | 63.3 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-36-D*R3 | 36                     | 200                  | 230 | 250 | 2750               | 400                | 135              | 65.3 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-38-D*R3 | 38                     | 200                  | 230 | 250 | 2750               | 400                | 137              | 66.3 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-40-D*R3 | 40                     | 170                  | 190 | 210 | 2500               | 400                | 139              | 67.3 | 1 5/16-12UNF | 1 1/16-12UNF |
| 2.5PDF-44-D*R3 | 44                     | 170                  | 190 | 210 | 2500               | 400                | 144              | 69.5 | 1 5/16-12UNF | 1 1/16-12UNF |

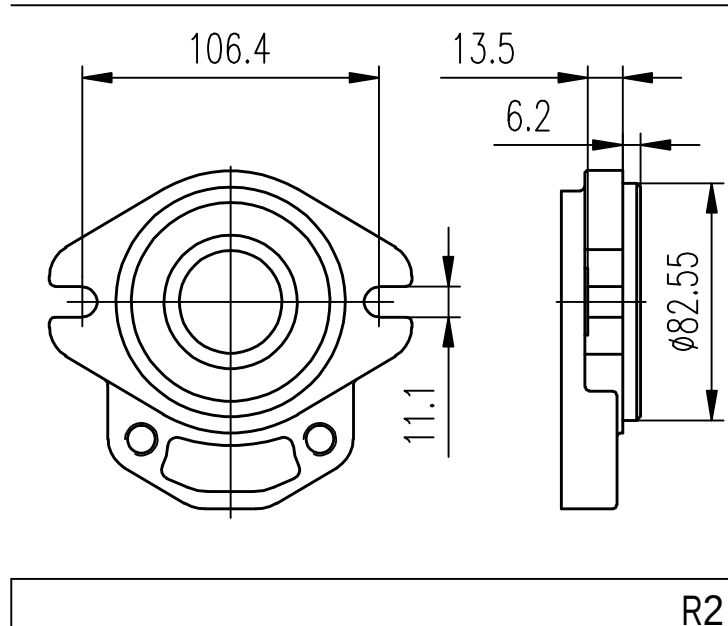
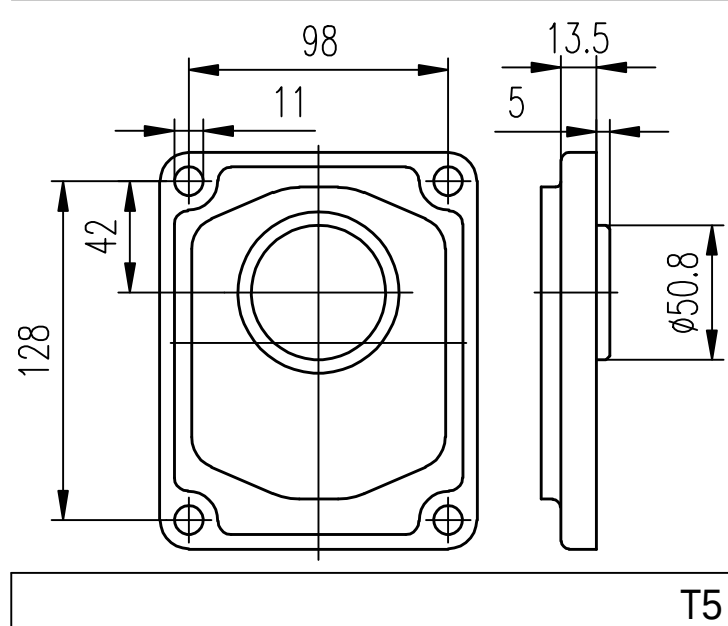
”D”和”d”油口有螺纹加工，用O形圈密封，旁侧削平的SAE J1926/1 (ISO J1926-1)。  
安装泵时，n.4 M12 螺钉扭矩设定为 130...135 Nm.

”D” and ”d” ports are machined in compliance with threaded port with O-ring seal in truncated housing SAE J1926/1(ISO J1926-1).  
To mount the pump, n.4 M12 screws, with a torque wrench setting fixed at 130...135 Nm.

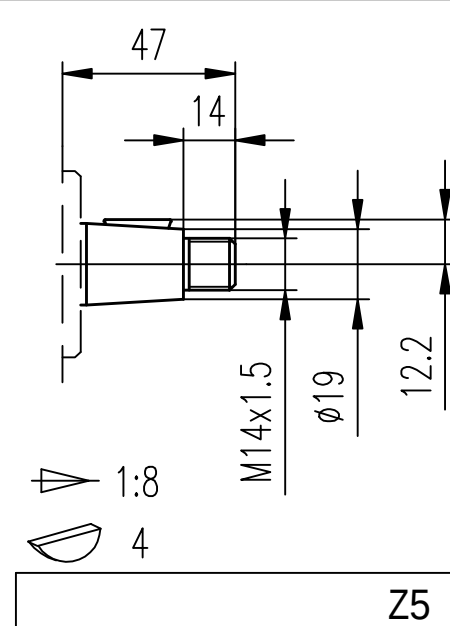


| 规格<br>Type       | 排量<br>Displacement     | 最大压力<br>Max pressure |     |     | 最高转速<br>Max. speed | 最低转速<br>Min. speed | 尺寸<br>Dimensions |              |           |
|------------------|------------------------|----------------------|-----|-----|--------------------|--------------------|------------------|--------------|-----------|
|                  |                        | P1                   | P2  | P3  |                    |                    | M                | D            | d         |
|                  | (cm <sup>3</sup> /rev) | bar                  | bar | bar | (r/min)            | (r/min)            | mm               |              |           |
| 2.5PDF-6-D*R3-R  | 6                      | 250                  | 280 | 300 | 4000               | 800                | 118              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-8*D-R3-R  | 8                      | 250                  | 280 | 300 | 4000               | 800                | 120              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-10*D-R3-R | 10                     | 250                  | 280 | 300 | 4000               | 700                | 122              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-12*D-R3-R | 12                     | 250                  | 280 | 300 | 3500               | 700                | 125              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-14*D-R3-R | 14                     | 250                  | 280 | 300 | 3500               | 600                | 126              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-16*D-R3-R | 16                     | 250                  | 280 | 300 | 3500               | 600                | 129              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-19*D-R3-R | 19                     | 250                  | 280 | 300 | 3000               | 500                | 132              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-22*D-R3-R | 22                     | 250                  | 280 | 300 | 3000               | 500                | 136              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-25*D-R3-R | 25                     | 250                  | 280 | 300 | 3000               | 500                | 138              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-28*D-R3-R | 28                     | 250                  | 280 | 300 | 3000               | 500                | 141              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-30*D-R3-R | 30                     | 230                  | 250 | 260 | 3000               | 500                | 144              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-32*D-R3-R | 32                     | 230                  | 250 | 260 | 3000               | 400                | 146              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-36*D-R3-R | 36                     | 200                  | 230 | 250 | 2750               | 400                | 150              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-38*D-R3-R | 38                     | 200                  | 230 | 250 | 2750               | 400                | 152              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-40*D-R3-R | 40                     | 170                  | 190 | 210 | 2500               | 400                | 154              | 1 1/16-12UNF | 7/8-14UNF |
| 2.5PDF-44*D-R3-R | 44                     | 170                  | 190 | 210 | 2500               | 400                | 159              | 1 1/16-12UNF | 7/8-14UNF |

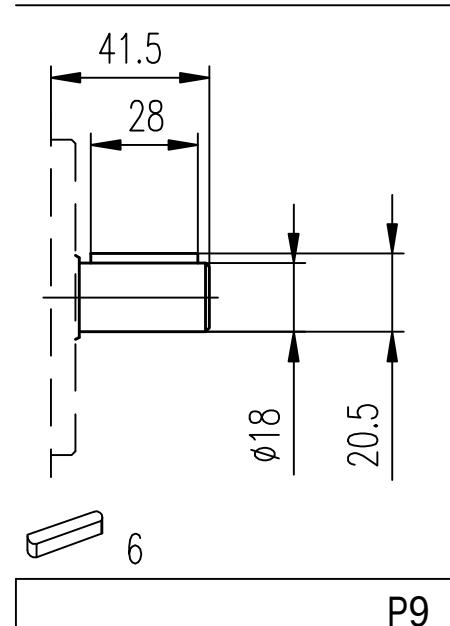
## 前盖/Front Cover



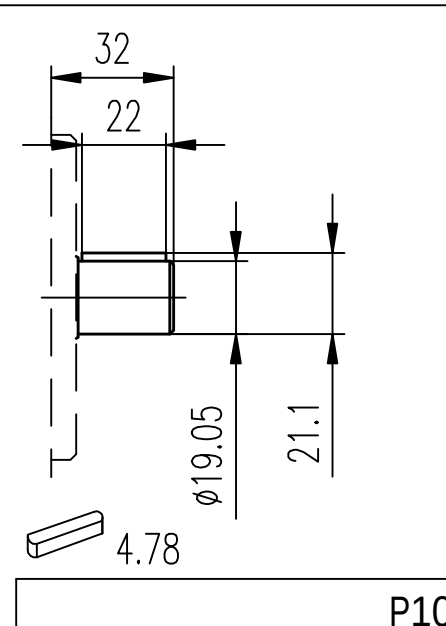
## 轴伸/Shafts



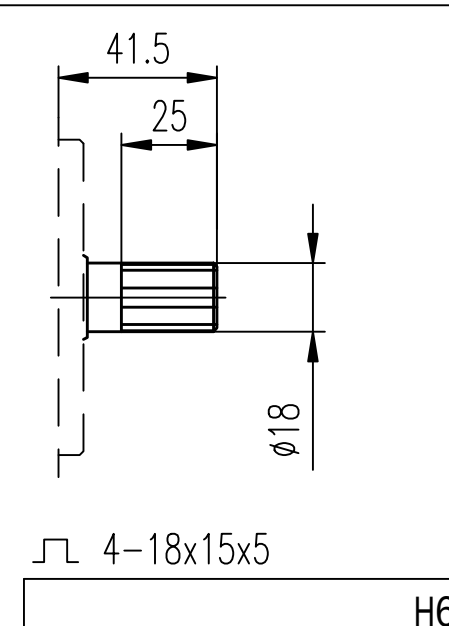
最大扭矩  
 Max.Torque 300 Nm



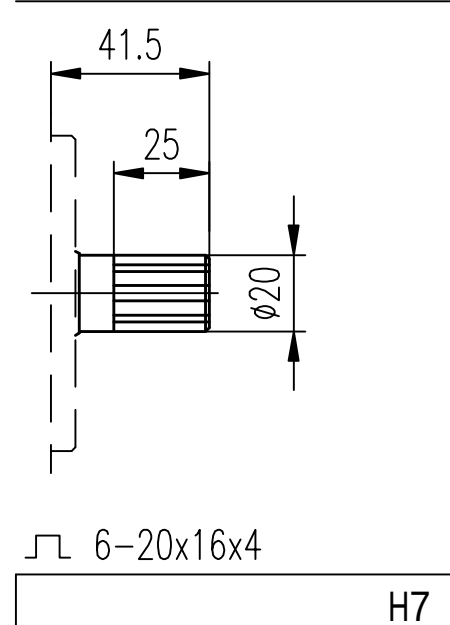
最大扭矩  
 Max.Torque 180 Nm



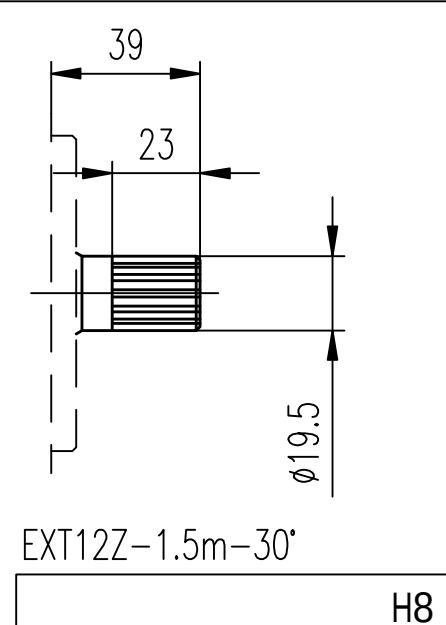
最大扭矩  
 Max.Torque 190 Nm



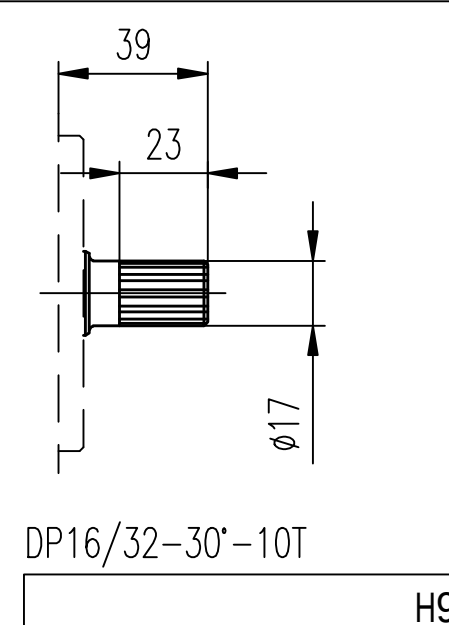
最大扭矩  
 Max.Torque 200 Nm



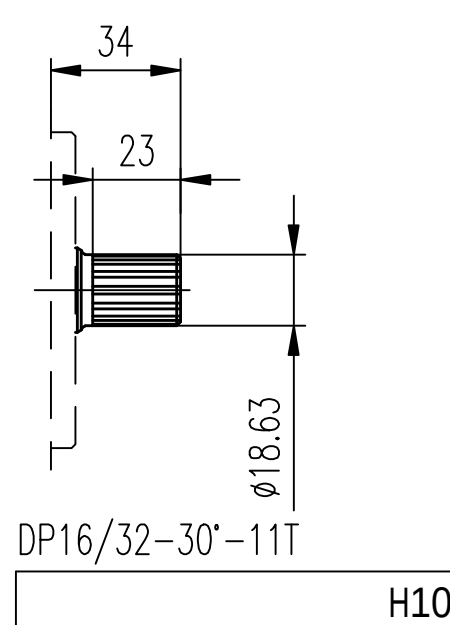
最大扭矩  
 Max.Torque 240 Nm



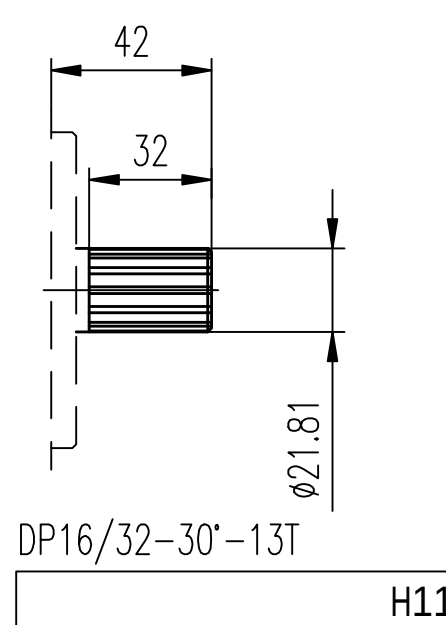
最大扭矩  
 Max.Torque 220 Nm



最大扭矩  
 Max.Torque 200 Nm

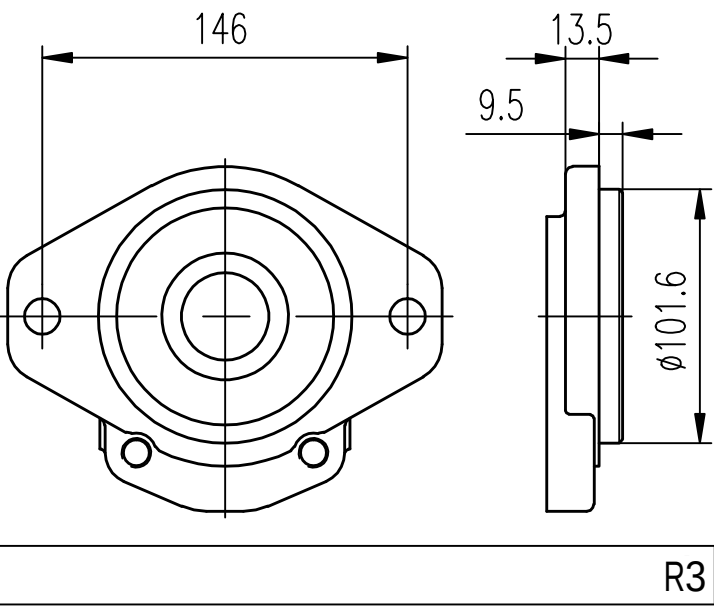


最大扭矩  
 Max.Torque 210 Nm

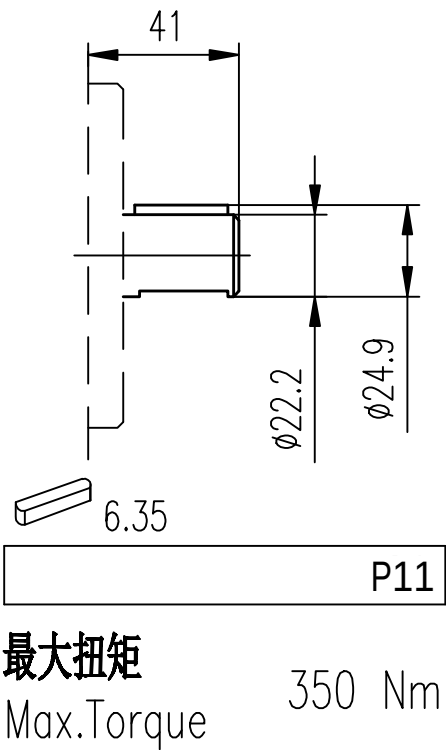
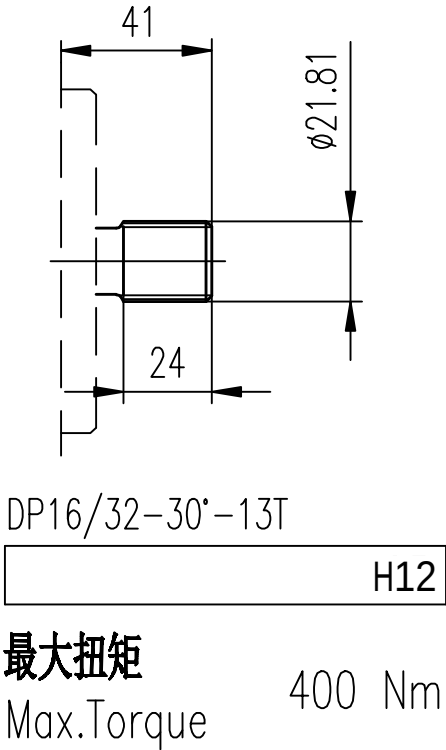


最大扭矩  
 Max.Torque 300 Nm

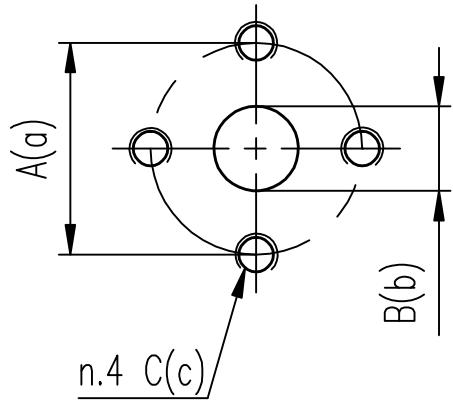
前盖/Front cover



轴伸/shafts

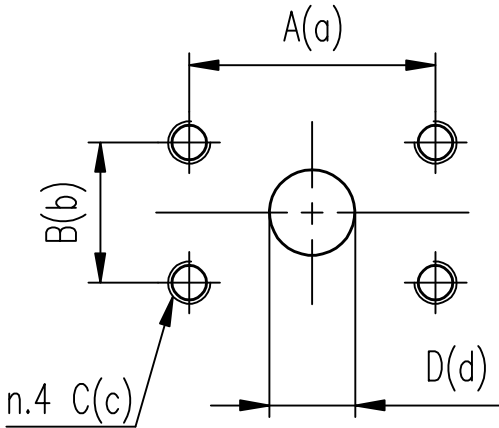


油口/PORTS



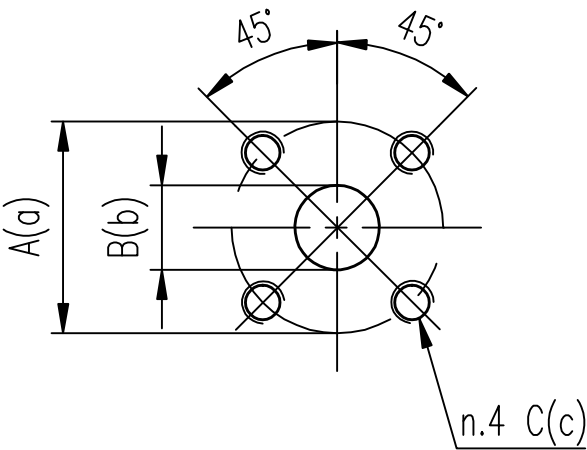
E0/E2/E6

| 规格<br>TYPE            | 油口代号<br>PORTS CODE | 进油口<br>INLET |    |     | 出油口<br>OUTLET |    |    |
|-----------------------|--------------------|--------------|----|-----|---------------|----|----|
|                       |                    | A            | B  | C   | a             | b  | c  |
| 2.5PDF..6-2.5PDF..8   | E0                 | 30           | 13 | M6  | 30            | 13 | M6 |
| 2.5PDF..10-2.5PDF..19 | E2                 | 40           | 20 | M8  | 30            | 13 | M6 |
| 2.5PDF..22-2.5PDF..44 | E6                 | 51           | 25 | M10 | 40            | 18 | M8 |



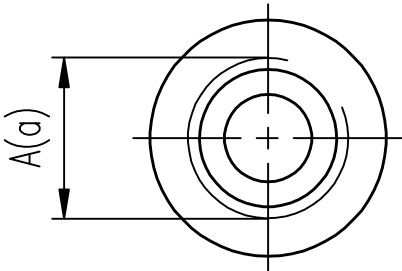
F3/F4

| 规格<br>TYPE            | 油口代号<br>PORTS CODE | 进油口<br>INLET |      |         |    | 出油口<br>OUTLET |      |         |    |
|-----------------------|--------------------|--------------|------|---------|----|---------------|------|---------|----|
|                       |                    | A            | B    | C       | D  | a             | b    | c       | d  |
| 2.5PDF..6-2.5PDF..16  | F3                 | 47.6         | 22.2 | M10x1.5 | 20 | 47.6          | 22.2 | M10x1.5 | 13 |
| 2.5PDF..19-2.5PDF..44 | F4                 | 52.4         | 26.2 | M10x1.5 | 25 | 47.6          | 22.2 | M10x1.5 | 20 |



L4

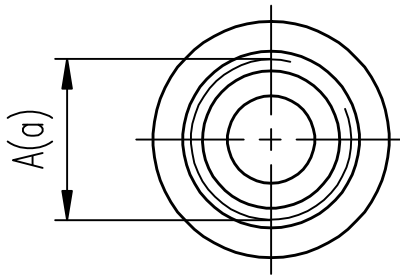
| 规格<br>TYPE            | 进油口<br>INLET |    |    | 出油口<br>OUTLET |    |    |
|-----------------------|--------------|----|----|---------------|----|----|
|                       | A            | B  | C  | a             | b  | c  |
| 2.5PDF..6-2.5PDF..16  | 55           | 20 | M8 | 55            | 13 | M8 |
| 2.5PDF..19-2.5PDF..44 | 55           | 25 | M8 | 55            | 20 | M8 |



M4/M5/M6

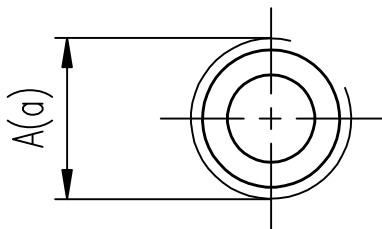
| 规格<br>TYPE            | 油口代号<br>PORTS CODE | 进油口<br>INLET | 出油口<br>OUTLET |
|-----------------------|--------------------|--------------|---------------|
|                       |                    |              |               |
|                       |                    | A            | a             |
| 2.5PDF..6-2.5PDF..14  | M4                 | M22x1.5      | M18x1.5       |
| 2.5PDF..16-2.5PDF..19 | M5                 | M27x2        | M22x1.5       |
| 2.5PDF..22-2.5PDF..44 | M6                 | M33x2        | M27x2         |

油口/PORTS



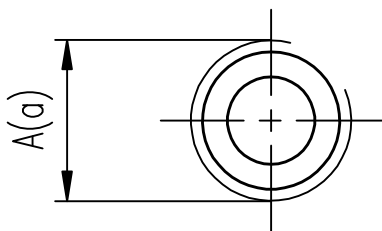
U5/U7

| 规格<br>TYPE            | 油口代号<br>PORTS CODE | 进油口<br>INLET  | 出油口<br>OUTLET |
|-----------------------|--------------------|---------------|---------------|
|                       |                    | A             | a             |
| 2.5PDF..6-2.5PDF..22  | U5                 | 1 1/16-12 UNF | 7/8-14 UNF    |
| 2.5PDF..25-2.5PDF..44 | U7                 | 1 5/16-12 UNF | 1 1/16-12 UNF |



G8/G9

| 规格<br>TYPE            | 油口代号<br>PORTS CODE | 进油口<br>INLET | 出油口<br>OUTLET |
|-----------------------|--------------------|--------------|---------------|
|                       |                    | A            | a             |
| 2.5PDF..6-2.5PDF..22  | G8                 | G3/4         | G1/2          |
| 2.5PDF..25-2.5PDF..44 | G9                 | G 1          | G3/4          |



N2/N5

| 规格<br>TYPE            | 油口代号<br>PORTS CODE | 进油口<br>INLET | 出油口<br>OUTLET |
|-----------------------|--------------------|--------------|---------------|
|                       |                    | A            | a             |
| 2.5PDF..10-2.5PDF..22 | N2                 | PT3/4        | PT1/2         |
| 2.5PDF..25-2.5PDF..44 | N5                 | PT 1         | PT3/4         |