

BMSY Series

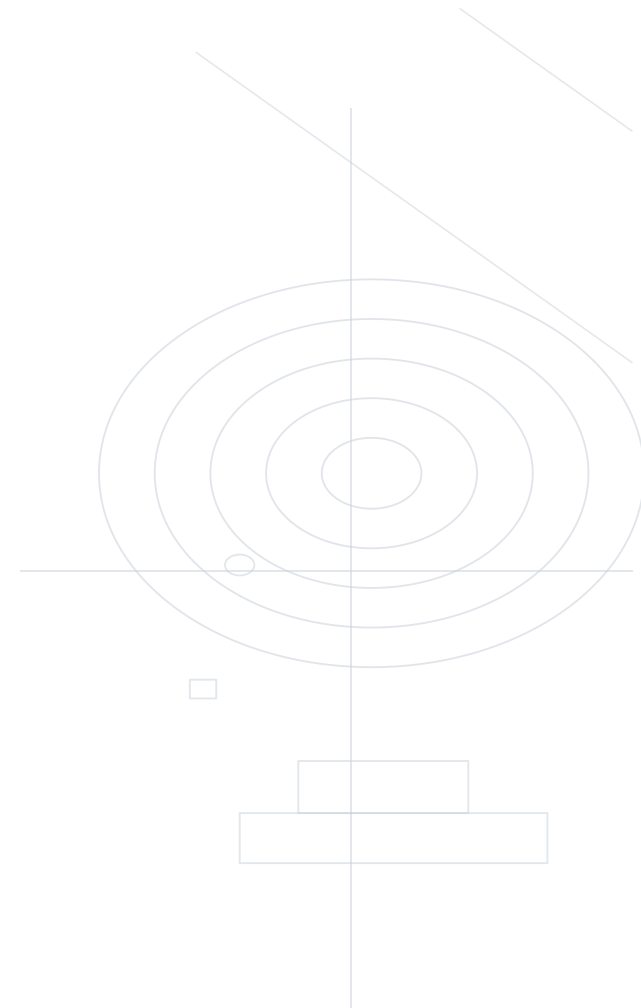
BMSY Series Orbital Hydraulic Motor

Professional hydraulic components for mobile machinery and industrial systems.

Category: Orbital Hydraulic Motors

Application:

Compact Mobile Machinery / Industrial Hydraulic Systems



BMSY Series Orbital Hydraulic Motor

BMSY Series Orbital Hydraulic Motor is an advanced disc-distribution hydraulic motor. This series uses a column-mounted gerotor pair and features high working pressure, high efficiency, good efficiency retention, and long service life. Multi-function variants can be designed based on the standard structure according to customer requirements.

Features:

- *Advanced gerotor parameter design provides low starting pressure, high efficiency, and good efficiency retention.
- *High working pressure and high output torque. The tapered roller bearing structure provides strong axial and radial load capacity, allowing the motor to directly drive the working mechanism and expanding its application range.
- *Advanced disc-distribution structure ensures high distribution accuracy, strong self-compensation after wear, high volumetric efficiency, long service life, stable speed, and stable load-speed characteristics.
- *Capable of driving larger loads with a higher working pressure rating.

Main Technical Parameters

| Type | | BMSY 80 | BMSY 100 | BMSY 125 | BMSY 160 | BMSY 200 | BMSY 250 | BMSY 315 | BMSY 400 | BMSY 500 |
|--|--------------|---------|----------|----------|----------|----------|----------|----------|----------|----------|
| Actual Displacement(cm ³ /rev.) | | 81.8 | 100 | 121.2 | 158.8 | 200 | 254.5 | 321.2 | 400 | 497 |
| Max. Speed(rpm) | Rated | 675 | 540 | 432 | 337 | 270 | 216 | 171 | 135 | 110 |
| | Continuous | 780 | 735 | 606 | 460 | 365 | 285 | 225 | 180 | 145 |
| | Intermittent | 970 | 895 | 735 | 560 | 445 | 350 | 277 | 220 | 180 |
| Max. Torque(N.m) | Rated | 177 | 218 | 265 | 445 | 520 | 650 | 720 | 775 | 815 |
| | Continuous | 228 | 288 | 350 | 490 | 600 | 720 | 905 | 890 | 950 |
| | Intermittent | 309 | 387 | 465 | 600 | 725 | 900 | 1030 | 990 | 1030 |
| Max. Output Power(kW) | Rated | 12 | 12.4 | 12.4 | 12.4 | 12.4 | 12.4 | 11.2 | 9.6 | 8.6 |
| | Continuous | 16 | 18 | 18 | 18.1 | 18.1 | 18 | 17 | 11 | 9 |
| | Intermittent | 20 | 22 | 23 | 25 | 24 | 23.5 | 20.2 | 12 | 11 |
| Max. Working Pressure Difference(MPa) | Rated | 16 | 16 | 16 | 19 | 19 | 18 | 16 | 14 | 12 |
| | Continuous | 20.5 | 20.5 | 20.5 | 21 | 21 | 20 | 20 | 16 | 14 |
| | Intermittent | 27.5 | 27.5 | 27.5 | 26 | 25 | 25 | 24 | 19 | 15 |
| | Peak | 29.5 | 29.5 | 29.5 | 28 | 27 | 27 | 26 | 21 | 17.5 |
| Max. Flow(L/min) | Continuous | 65 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| | Intermittent | 80 | 90 | 90 | 90 | 90 | 90 | 90 | 90 | 90 |
| Max. Inlet Pressure (MPa) | Rated | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| | Continuous | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| | Intermittent | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

*Rated speed and torque refer to output values under rated flow and pressure.

*Continuous values refer to the maximum values at which this displacement motor can operate continuously.

*Intermittent values refer to the maximum values at which this displacement motor operates for 6 seconds within 1 minute.

*Peak values refer to the maximum values at which this displacement motor operates for 0.6 seconds within 1 minute.

Performance Parameters

BMSY-80 [81.8cm³/rev.]Pressure (MPa)

| | | Max. Continuous | | | Max. Intermittent | | | |
|-------------------|----|-----------------|-----------|------------|-------------------|------------|------------|------------|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 20.5 | 22.5 |
| Flow (L/min) | 15 | 35 180 | 80 174 | 120 168 | 158 164 | 195 158 | 228 151 | 249 143 |
| | 30 | 35 362 | 80 352 | 120 346 | 158 338 | 195 330 | 232 322 | 260 310 |
| | 40 | 35 487 | 79 480 | 119 468 | 155 457 | 193 446 | 227 438 | 250 425 |
| | 50 | 30 612 | 77 603 | 117 592 | 153 581 | 192 572 | 224 558 | 248 542 |
| | 60 | 28 735 | 77 726 | 117 718 | 153 703 | 192 687 | 224 673 | 243 646 |
| | 65 | 26 794 | 75 786 | 116 773 | 151 760 | 188 744 | 217 722 | 236 706 |
| Max. Intermittent | 80 | 24 981 | 72 968 | 109 955 | 142 925 | 176 893 | 206 870 | 227 832 |

BMSY-100 [100cm³/rev.] Pressure (MPa)

| | | Max. Continuous | | | Max. Intermittent | | | |
|-------------------|----|-----------------|-----------|------------|-------------------|------------|------------|------------|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 20.5 | 22.5 |
| Flow (L/min) | 15 | 48 146 | 95 144 | 150 139 | 200 135 | 250 130 | 282 120 | 310 105 |
| | 30 | 45 291 | 94 289 | 146 278 | 198 274 | 250 269 | 290 258 | 317 242 |
| | 40 | 43 387 | 89 384 | 142 374 | 196 359 | 248 350 | 288 335 | 316 320 |
| | 50 | 40 486 | 88 483 | 135 473 | 194 462 | 247 450 | 286 430 | 315 420 |
| | 60 | 37 588 | 88 584 | 132 574 | 185 562 | 244 550 | 283 538 | 312 520 |
| | 75 | 35 740 | 80 735 | 130 720 | 180 705 | 240 696 | 279 676 | 310 653 |
| Max. Intermittent | 90 | 30 850 | 75 840 | 124 810 | 170 787 | 236 770 | 271 750 | 303 747 |

BMSY-125 [121.2cm³/rev.]Pressure (MPa)

| | | Max. Continuous | | | Max. Intermittent | | | |
|-------------------|----|-----------------|------------|------------|-------------------|------------|------------|------------|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 20.5 | 22.5 |
| Flow (L/min) | 15 | 53 120 | 115 117 | 169 114 | 236 108 | 297 102 | 332 94 | 361 87 |
| | 30 | 53 240 | 115 237 | 168 232 | 240 222 | 303 210 | 350 195 | 389 179 |
| | 40 | 51 324 | 114 321 | 171 301 | 240 300 | 303 289 | 350 272 | 388 244 |
| | 50 | 48 406 | 101 401 | 169 393 | 239 379 | 303 366 | 348 352 | 382 320 |
| | 60 | 43 488 | 109 479 | 164 468 | 232 454 | 296 442 | 344 416 | 382 387 |
| | 75 | 43 611 | 106 597 | 161 582 | 231 565 | 294 547 | 339 525 | 374 500 |
| Max. Intermittent | 90 | 38 738 | 101 724 | 156 707 | 228 687 | 290 671 | 330 653 | 364 634 |

Torque (N·m) 228
Speed (rpm) 687

BMSY-160 [158.8cm³/rev.] Pressure (MPa)

| | | Max. Continuous | | | Max. Intermittent | | | |
|-------------------|----|-----------------|------------|------------|-------------------|------------|------------|------------|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 21 | 22.5 |
| Flow (L/min) | 15 | 72 90 | 146 88 | 222 86 | 307 82 | 383 78 | 449 74 | 491 56 |
| | 30 | 75 183 | 156 181 | 232 176 | 322 171 | 394 165 | 470 157 | 507 148 |
| | 40 | 77 244 | 157 242 | 235 239 | 324 231 | 395 227 | 468 221 | 503 206 |
| | 50 | 72 304 | 153 300 | 232 297 | 315 289 | 384 284 | 459 276 | 495 264 |
| | 60 | 70 3767 | 147 365 | 225 359 | 305 351 | 382 342 | 456 336 | 495 322 |
| | 75 | 64 461 | 144 455 | 218 447 | 300 436 | 376 428 | 453 419 | 490 401 |
| Max. Intermittent | 90 | 61 550 | 135 544 | 208 537 | 295 527 | 368 516 | 438 504 | 474 494 |

Continuous
Intermittent

Performance Parameters

BMSY-200 [200cm³/rev.]

| | | Pressure (MPa) | | | | | | Max. Continuous Max. Intermittent | |
|-------------------|----|----------------|------------|------------|------------|------------|------------|--------------------------------------|--|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 21 | 22.5 | |
| Flow (L/min) | 15 | 90 72 | 185 71 | 281 69 | 382 66 | 486 62 | 579 58 | 629 47 | |
| | 30 | 94 146 | 196 144 | 297 139 | 399 136 | 504 130 | 590 124 | 637 115 | |
| | 40 | 97 192 | 199 189 | 305 186 | 406 182 | 513 178 | 602 173 | 665 162 | |
| | 50 | 93 240 | 197 239 | 301 234 | 401 229 | 508 223 | 598 216 | 654 206 | |
| | 60 | 88 291 | 191 286 | 288 279 | 394 273 | 498 265 | 593 255 | 641 243 | |
| | 75 | 80 363 | 181 359 | 279 353 | 381 349 | 487 341 | 578 330 | 629 321 | |
| Max. Intermittent | 90 | 70 430 | 168 427 | 273 422 | 372 415 | 470 411 | 562 401 | 628 388 | |

BMSY-250 [254.5cm³/rev.]

| | | Pressure (MPa) | | | | | | Max. Continuous Max. Intermittent | |
|-------------------|----|----------------|------------|------------|------------|------------|------------|--------------------------------------|--|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 20 | 22.5 | |
| Flow (L/min) | 15 | 115 56 | 242 55 | 368 53 | 484 51 | 613 48 | 713 44 | 815 33 | |
| | 30 | 121 114 | 247 112 | 376 109 | 497 103 | 625 97 | 733 88 | 827 76 | |
| | 40 | 124 155 | 252 152 | 380 149 | 503 143 | 627 137 | 739 128 | 834 116 | |
| | 50 | 116 194 | 245 192 | 369 188 | 494 182 | 619 174 | 726 165 | 825 151 | |
| | 60 | 111 233 | 235 231 | 361 226 | 484 220 | 610 210 | 717 199 | 809 185 | |
| | 75 | 106 289 | 224 285 | 356 281 | 475 272 | 597 260 | 702 248 | 796 233 | |
| Max. Intermittent | 90 | 97 347 | 219 343 | 351 338 | 468 332 | 585 325 | 688 313 | 784 289 | |

BMSY-315 [321.2cm³/rev.]

| | | Pressure (MPa) | | | | | | Max. Continuous Max. Intermittent | |
|-------------------|----|----------------|------------|------------|------------|------------|------------|--------------------------------------|--|
| | | 3.5 | 7 | 10.5 | 14 | 17.5 | 20 | 22.5 | |
| Flow (L/min) | 15 | 153 46 | 314 46 | 471 44 | 633 42 | 787 40 | 908 38 | 1010 26 | |
| | 30 | 160 92 | 324 90 | 480 88 | 656 86 | 804 83 | 913 79 | 1020 65 | |
| | 40 | 165 121 | 331 121 | 495 117 | 671 113 | 822 111 | 936 105 | 1030 88 | |
| | 50 | 160 154 | 324 152 | 480 148 | 659 144 | 805 140 | 915 137 | 1020 124 | |
| | 60 | 156 161 | 316 179 | 468 175 | 640 170 | 790 164 | 915 152 | 1008 138 | |
| | 75 | 151 230 | 310 229 | 460 225 | 633 220 | 780 217 | 904 213 | 998 190 | |
| Max. Intermittent | 90 | 139 277 | 293 274 | 450 269 | 621 263 | 764 257 | 891 249 | 983 225 | |

BMSY-400 [400cm³/rev.]

| | | Pressure (MPa) | | | | | | Max. Continuous Max. Intermittent | |
|-------------------|----|----------------|------------|------------|------------|------------|------------|--------------------------------------|--|
| | | 3.5 | 7 | 10.5 | 14 | 16 | 17.5 | | |
| Flow (L/min) | 15 | 189 36 | 385 35 | 587 34 | 791 33 | 910 31 | 1001 29 | | |
| | 30 | 193 74 | 394 72 | 599 70 | 803 67 | 919 64 | 1006 60 | | |
| | 40 | 198 98 | 400 96 | 605 94 | 809 92 | 926 89 | 1013 84 | | |
| | 50 | 194 123 | 394 121 | 596 116 | 797 112 | 918 107 | 998 100 | | |
| | 60 | 189 147 | 394 144 | 585 140 | 797 135 | 918 129 | 998 120 | | |
| | 75 | 184 184 | 378 180 | 585 174 | 782 168 | 905 162 | 988 151 | | |
| Max. Intermittent | 90 | 179 223 | 373 228 | 580 211 | 778 205 | 896 196 | 980 180 | | |

BMSY-500 [497cm³/rev.]

| | | Pressure (MPa) | | | | | Max. Continuous Max. Intermittent | |
|-------------------|----|----------------|------------|------------|------------|-------------|--------------------------------------|--|
| | | 3.5 | 7 | 10.5 | 14 | 15 | | |
| Flow (L/min) | 15 | 228 29 | 459 28 | 692 27 | 933 26 | 1041 24 | | |
| | 30 | 233 58 | 471 57 | 707 55 | 952 54 | 1048 51 | | |
| | 40 | 239 78 | 482 76 | 721 74 | 970 71 | 1064 65 | | |
| | 50 | 234 98 | 477 97 | 714 93 | 963 88 | 1055 82 | | |
| | 60 | 230 117 | 472 116 | 708 113 | 955 107 | 1044 100 | | |
| | 75 | 222 148 | 464 146 | 695 140 | 943 134 | 1025 126 | | |
| Max. Intermittent | 90 | 205 178 | 440 176 | 663 170 | 918 162 | 1003 150 | | |

Torque (N·m) 580
Speed (rpm) 211

Continuous
Intermittent

| 代号 | 连接形式 | P(A/B) | T |
|-------|-----------------------|--------|------------------------|
| DU(英) | G1/2(15) | | 7/16-20UNF 0'-ring(12) |
| DE(英) | G1/2(15) | | G1/4(12) |
| MA(英) | M22X1.5(15) | | M14X1.5(12) |
| PU(英) | 1/2-14NPTF(15) | | 7/16-20UNF 0'-ring(12) |
| PE(英) | 1/2-14NPTF(15) | | G1/4(12) |
| SU(英) | 7/8-14UNF 0'-ring(17) | | 7/16-20UNF 0'-ring(12) |
| SE(英) | 7/8-14UNF 0'-ring(17) | | G1/4(12) |

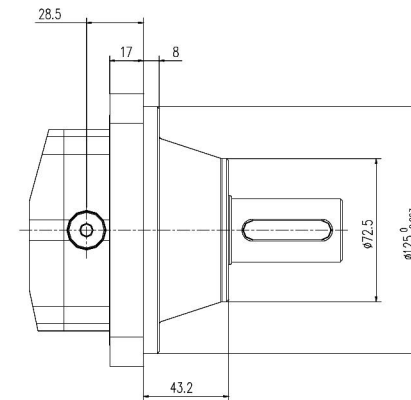
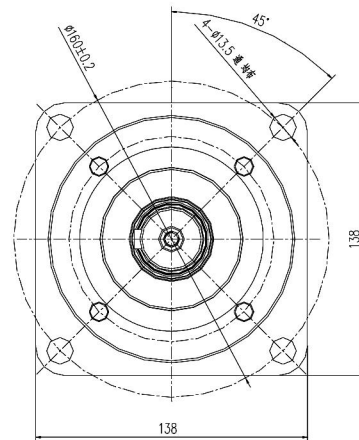
| 代号 | 连接形式 | P(A/B) | C | T |
|-------|-----------------------|--------|---------------|------------------------|
| D(英) | G1/2(15) | | M10(15) | G1/4(12) |
| M(英) | M22X1.5(15) | | M10(15) | M14X1.5(12) |
| P(英) | 1/2-14NPTF(15) | | 3/8-16UNC(15) | 7/16-20UNF 0'-ring(12) |
| S(英) | 7/8-14UNF 0'-ring(17) | | 3/8-16UNC(15) | 7/16-20UNF 0'-ring(12) |
| MU(英) | ø2.7 | | 3/8-16UNC(15) | 7/16-20UNF 0'-ring(12) |
| MM(英) | ø2.7 | | M10(15) | G1/4(12) |
| ME(英) | M22X1.5(15) | | M10(15) | M14X1.5(12) |

| 排量(ml/r) | BMSY-80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| L1(mm) | 13.5 | 16 | 20 | 26 | 33 | 42 | 53 | 66 | 82 |
| L2(mm) | 121.2 | 123.7 | 127.7 | 133.7 | 140.7 | 143.7 | 160.7 | 173.7 | 189.7 |
| L(mm) | 167 | 169.5 | 173.5 | 179.5 | 186.5 | 195.5 | 206.5 | 219.5 | 235.5 |

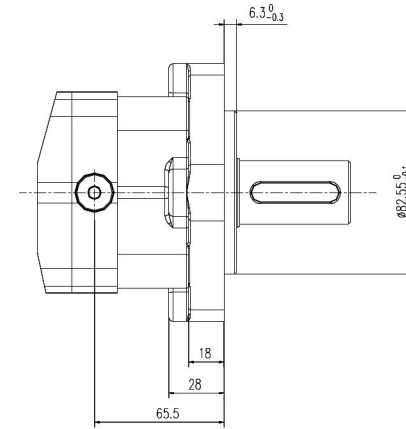
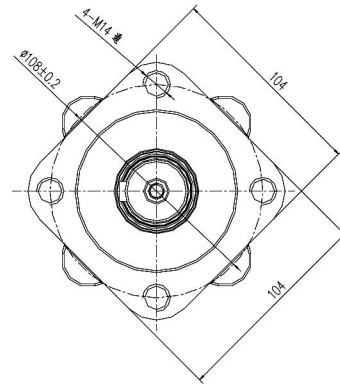
| 排量(ml/r) | BMSY-80W | 100W | 125W | 160W | 200W | 250W | 315W | 400W | 500W |
|----------|----------|-------|-------|-------|-------|-------|-------|-------|-------|
| L1(mm) | 13.5 | 16 | 20 | 26 | 33 | 42 | 53 | 66 | 82 |
| L2(mm) | 84.2 | 86.7 | 90.7 | 96.7 | 103.7 | 112.7 | 123.7 | 136.7 | 152.7 |
| L(mm) | 130 | 132.5 | 136.5 | 142.5 | 149.5 | 158.5 | 169.5 | 182.5 | 198.5 |

此表中只列出了抽口: MU, MM, ME 型规格尺寸

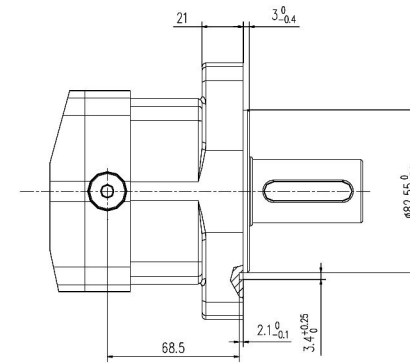
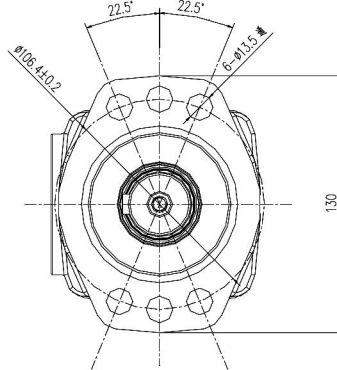
| 排量(ml/r) | BMSY-80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 |
|----------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| L1(mm) | 13.5 | 16 | 20 | 26 | 33 | 42 | 53 | 66 | 82 |
| L2(mm) | 126.7 | 129.2 | 133.2 | 139.2 | 146.2 | 155.2 | 166.2 | 179.2 | 195.2 |
| L(mm) | 169.5 | 172 | 176 | 182 | 189 | 198 | 209 | 222 | 238 |



W 法兰

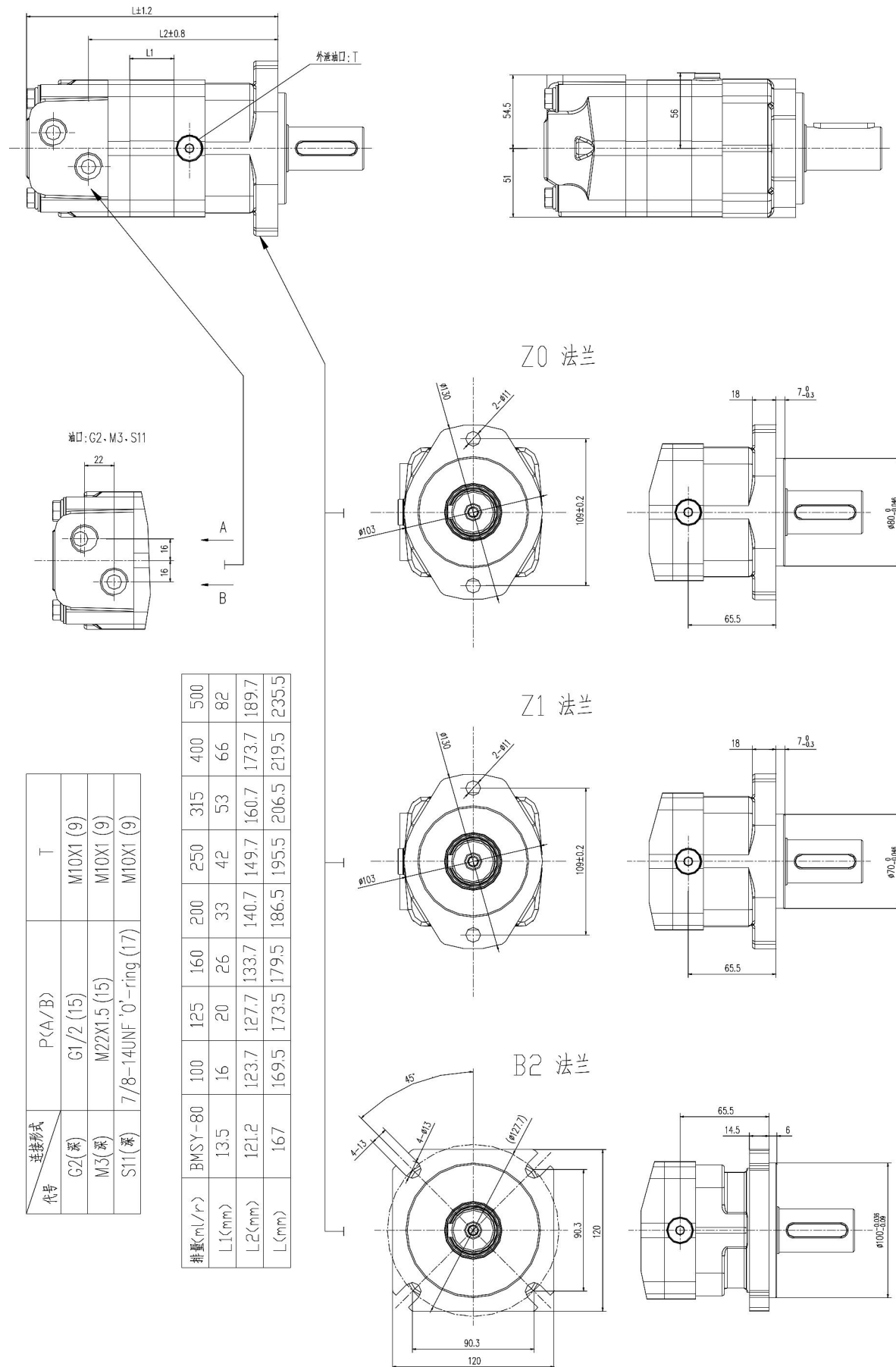


EB4 法兰



F6 法兰

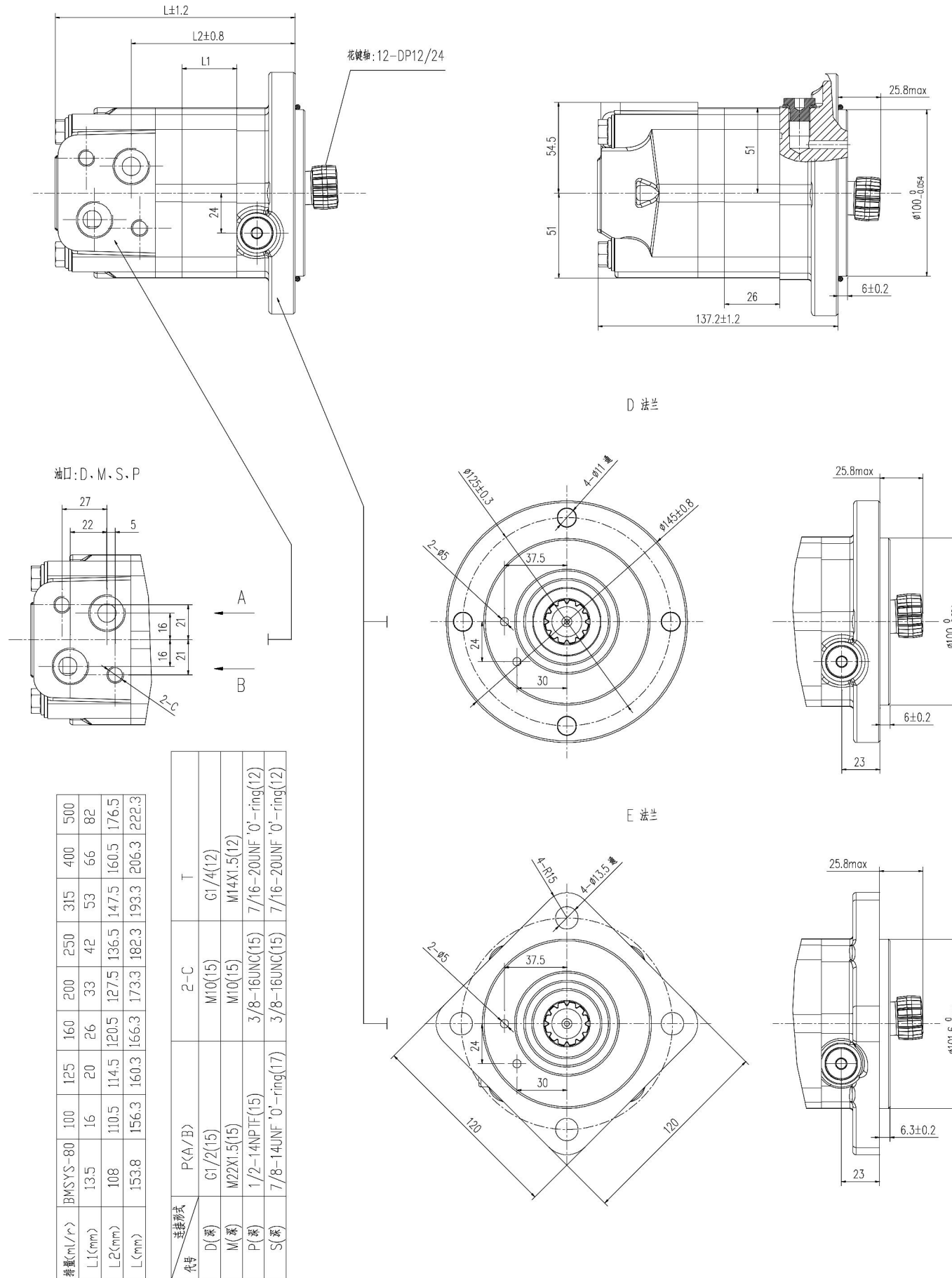
BMSY Mounting and Connection Dimensions

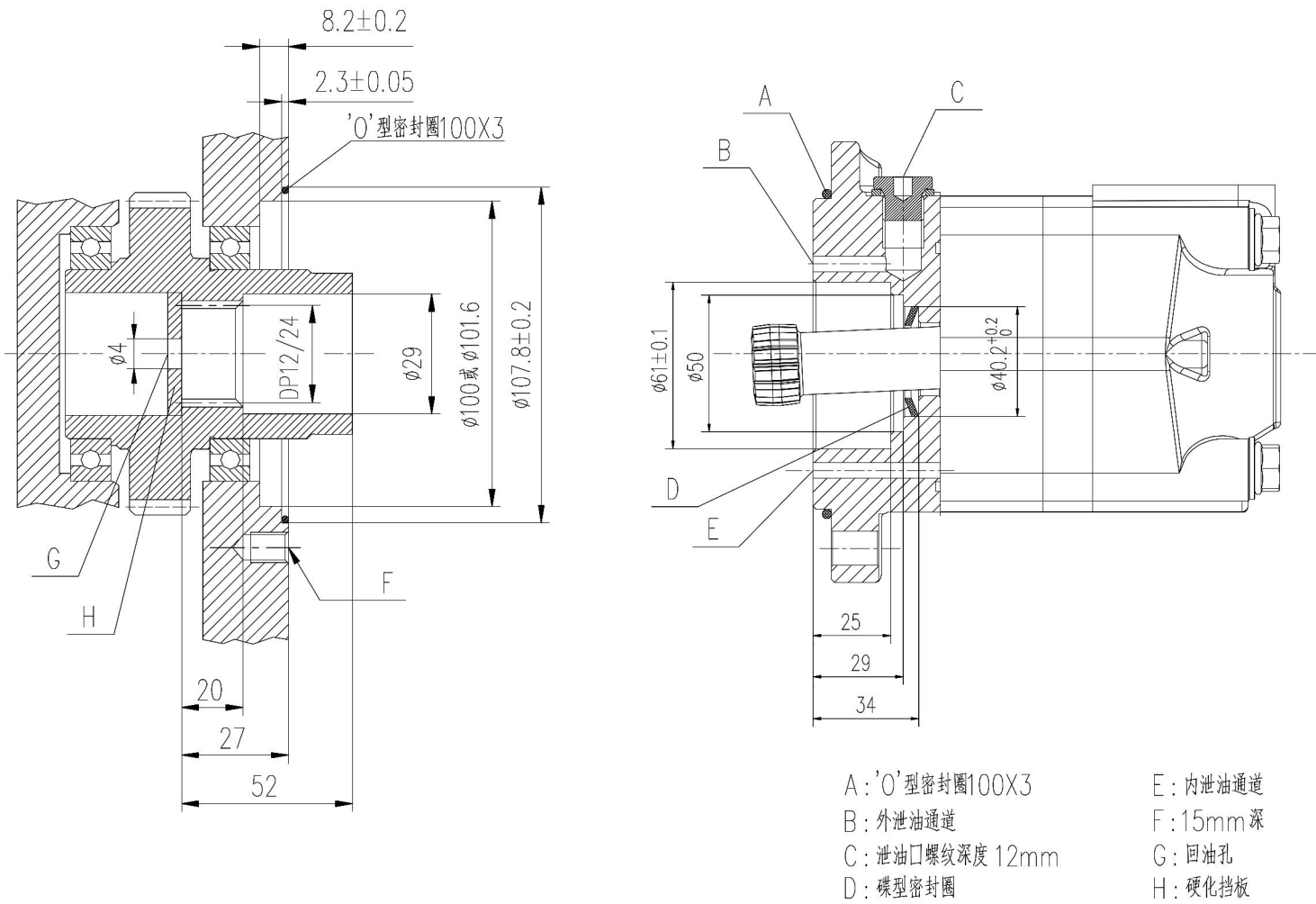


| 代号 | 连接形式 | P(A/B) | T |
|----|--------|-------------------------|-----------|
| | G2(深) | G1/2 (15) | M10X1 (9) |
| | M3(深) | M22X1.5 (15) | M10X1 (9) |
| | S11(深) | 7/8-14UNF 'O'-ring (17) | M10X1 (9) |

| 排量V(ml/r) | BMSY-80 | 100 | 125 | 160 | 200 | 250 | 315 | 400 | 500 |
|------------------------|---------|-------|-------|-------|-------|-------|-------|-------|-------|
| $L1</math>(mm)$ | 13.5 | 16 | 20 | 26 | 33 | 42 | 53 | 66 | 82 |
| $L2</math>(mm)$ | 121.2 | 123.7 | 127.7 | 133.7 | 140.7 | 149.7 | 160.7 | 173.7 | 189.7 |
| $L</math>(mm)$ | 167 | 169.5 | 173.5 | 179.5 | 186.5 | 195.5 | 206.5 | 219.5 | 235.5 |

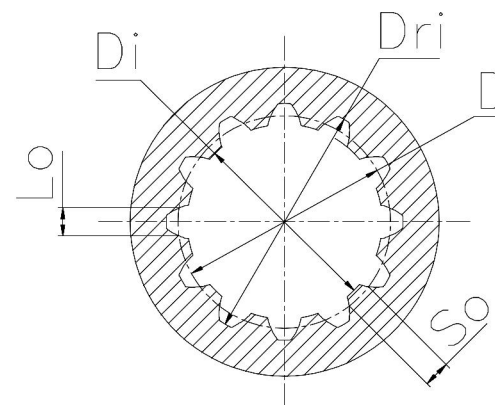
BMSY Mounting and Connection Dimensions



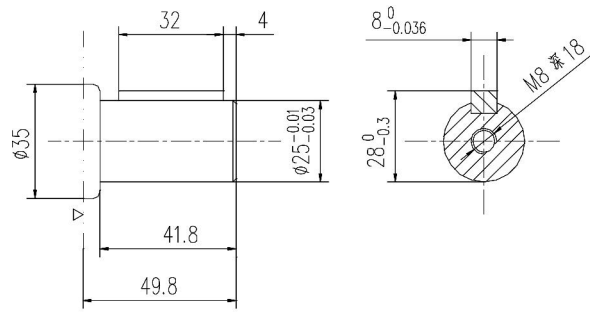


用户设计内花键孔参数表
 内花键参数标准 ANS B92.1-1970

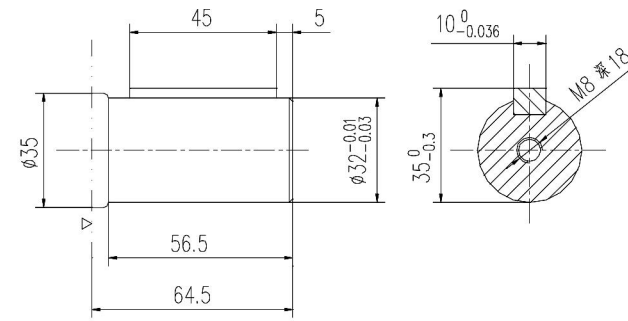
| | |
|---------|-----------------------------------|
| 径节 dp | 12/24 |
| 齿数 Z | 12 |
| 压力角 α | 30° |
| 分度圆直径 D | 25.4 |
| 大径 Dri | 28 ⁰ _{-0.1} |
| 小径 Di | 23 ^{+0.033} ₀ |
| 齿槽宽 Lo | 4.308±0.02 |
| 齿厚 So | 2.341±0.02 |



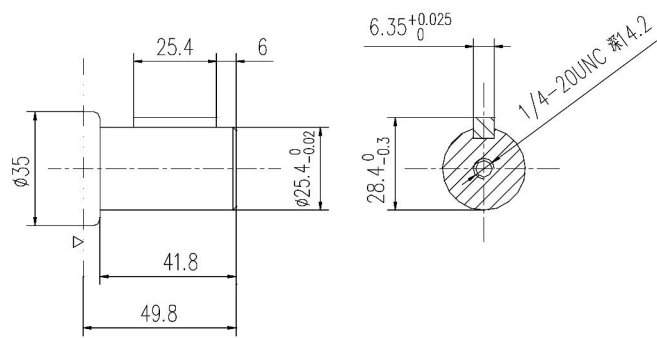
BMSY Shaft Extension Dimensions



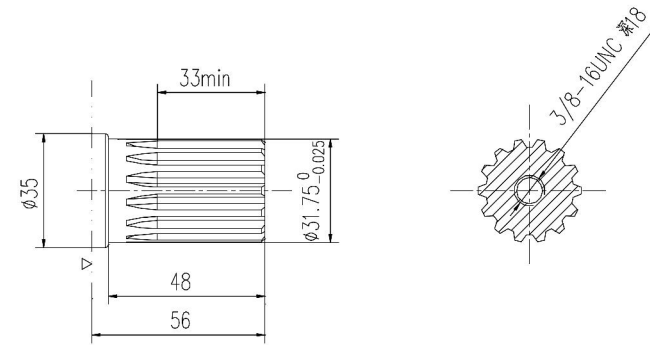
A轴: 圆柱轴 $\phi 25$, 平键 8X7X32



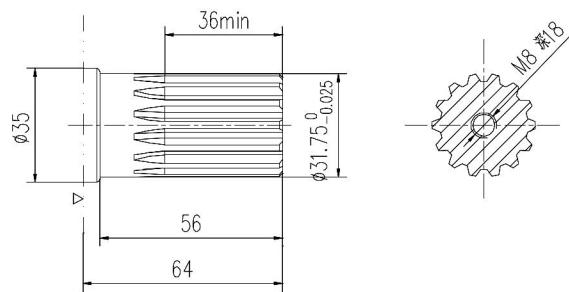
B轴: 圆柱轴 $\phi 32$, 平键 10X8X45



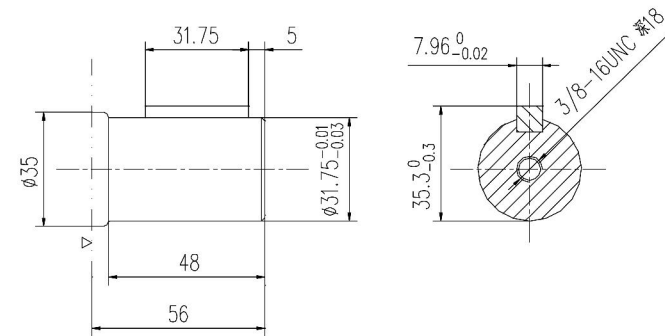
D轴: 圆柱轴 $\phi 25.4$, 平键 6.35X6.35X25.4



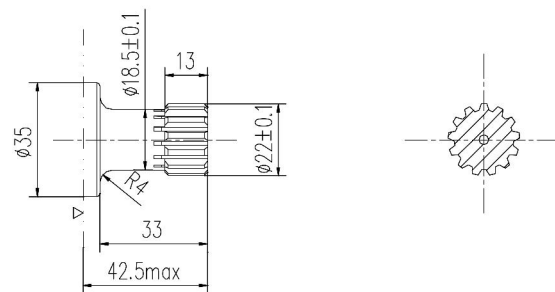
F轴: 花键轴 14-DP12/24



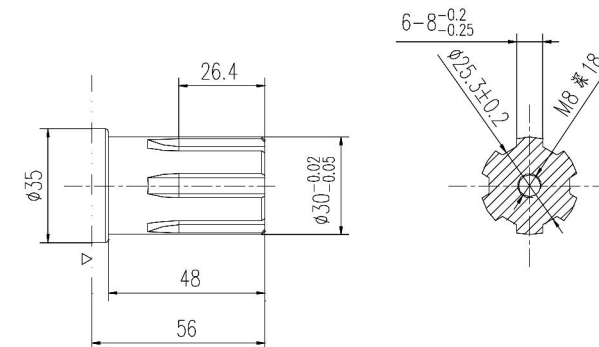
FD轴: 花键轴 14-DP12/24



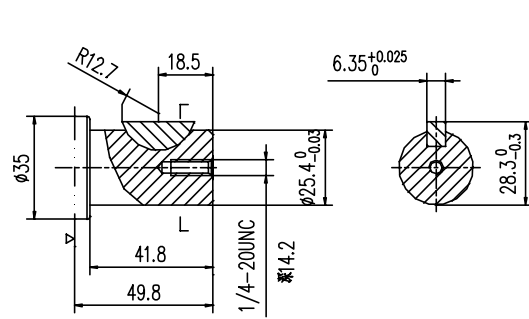
G轴: 圆柱轴 $\phi 31.75$, 平键 7.96X7.96X31.75



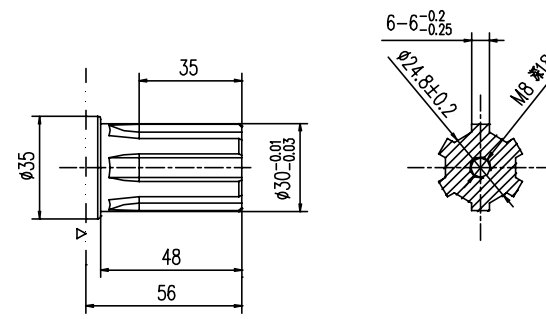
I轴: 花键轴 13-DP16/32



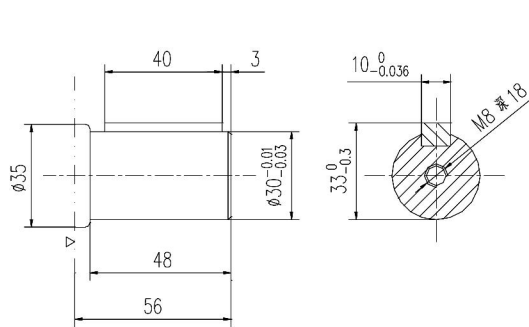
J轴: 花键轴 6-30X25.3X8



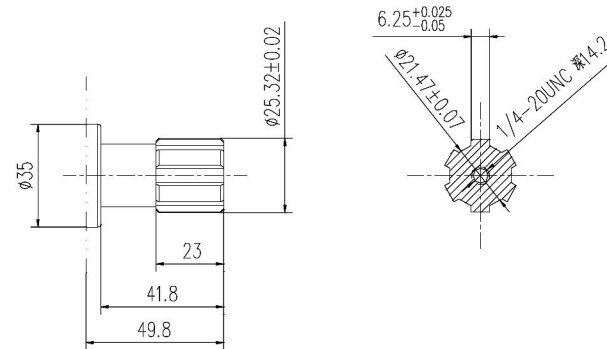
K轴: 圆柱轴 $\phi 25.4$, 半圆键 $\phi 25.4 \times 6.35$



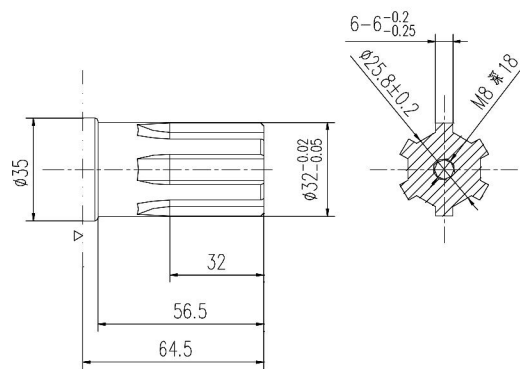
N轴: 花键轴 6-30X24.8X6



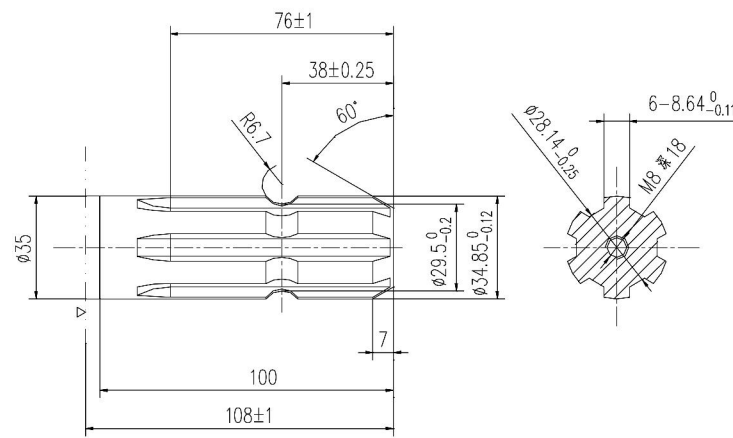
P轴: 圆柱轴 $\phi 30$, 平键 10X8X40



S1轴: 花键轴 6-25.32X21.47X6.25



Z轴: 花键轴 6-32X25.8X6

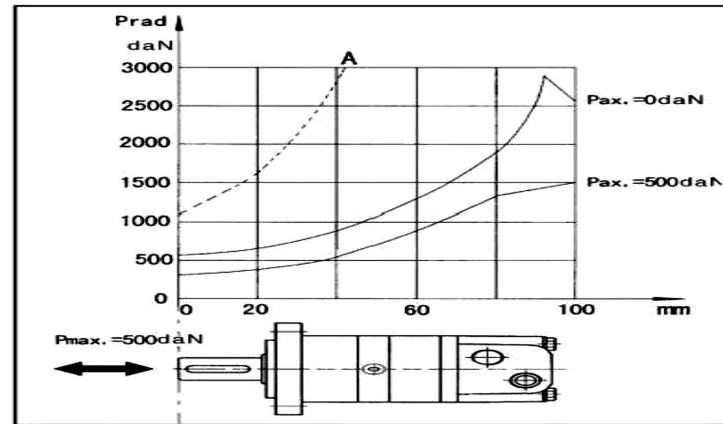
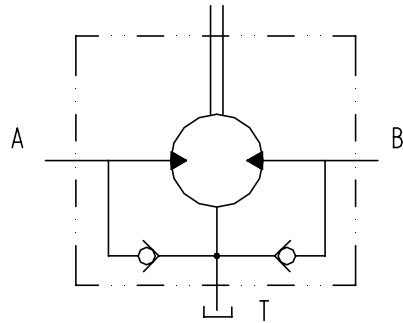


SL轴: 花键轴 6-34.85X28.14X8.64

▷ 马达止口安装面(对应于E2法兰,其他方式类推)

BMSY Series Orbital Hydraulic Motor

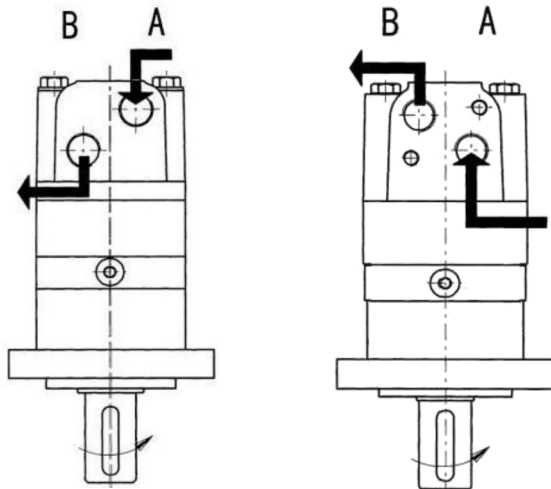
Allowable Pressure on Output Shaft Seal



When used without an external drain line, the pressure on the output shaft seal is slightly higher than the return line pressure. When an external drain line is used, the output shaft seal pressure is the same as the drain line pressure.

Standard Output Shaft Rotation Direction

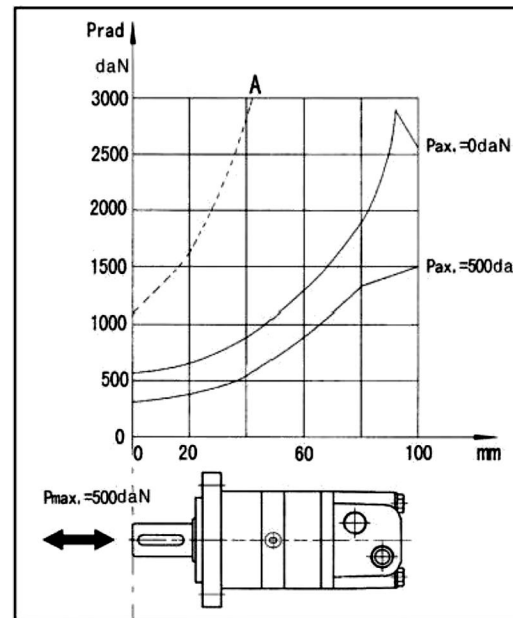
Facing the motor shaft extension, when port A is supplied with high-pressure oil, the output shaft rotates clockwise; otherwise, it rotates counterclockwise.



Drain Port Leakage Flow
The table below lists the max. drain port leakage flow for standard motors when return pressure at the drain port is below 0.5 to 1 MPa.

| Working Pressure Difference (MPa) | Oil Kinematic Viscosity (mm ² /s) | Drain Port Leakage Flow (L/min) |
|-----------------------------------|--|---------------------------------|
| 14 | 20 | 1.5 |
| | 35 | 1 |
| 21 | 20 | 3 |
| | 35 | 2 |

Axial Force / Radial Force



Curve A indicates the max. radial load. To ensure bearing life B10 (200 rpm, 3000 h), use axial/radial loads below the thick line.

Ordering Information

1 2 3 4 5 6 7 8
 BMSY - [] - [] - [] - [] - [] - [] - []

| POS.1 | 2 | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | | | | |
|----------------|--------------|----------------|---|-----------------|----|--|--|--------------------|--|--------------|--------|------------------|------|------------|------|----------|
| Structure Code | Displacement | Flange / Pilot | | Shaft Extension | | Oil Port | | Rotation Direction | | Paint Option | | Special Function | | | | |
| BMS | 80 | E2 | 2-φ13.5 , Diamond Flange, Pilotφ82.5X6.3 | | A | Straight Shaftφ25, L=41.8, Parallel Key8X7X32, M8 | | D | G1/2,G1/4,2-M10 | | None R | Standard Reverse | 00 | Unpainted | None | Standard |
| | 100 | E4 | 4-φ13.5 , Square Flange, Pilotφ82.5X6.3 | | B | Straight Shaftφ32, L=56, Parallel Key10X8X45, M8 | | M | M22X1.5,M14X1.5,2-M10 | | | | None | BluePaint | | |
| | 125 | EB4 | 4-M14 , PCDφ108 , Square Flange, Pilotφ82.5X6.3 | | D | Straight Shaftφ25.4, L=41.8, Parallel Key6.35X6.35X25.4, 1/4-20UNC | | S | 7/8-14UNF 'O'-ring,7/16-20UNF 'O'-ring,2-3/8-16UNC | | | | B | BlackPaint | | |
| | 160 | E6 | 4-φ13.5 , Diamond Flange, Pilotφ82.5X6.3 | | F | Involute Spline Shaftφ31.75,L=48,14-DP12/24, 3/8-16UNC | | S1 | 7/8-14UNF 'O'-ring,7/16-20UNF 'O'-ring,2-M10 | | | | S | SilverGray | | |
| | 200 | F6 | 6-φ13.5 , Diamond Flange, Pilotφ82.5X2.8 | | FD | Involute Spline Shaftφ31.75,L=56.2,14-DP12/24, M8 | | P | 1/2-14NPT,7/16-20UNF 'O'-ring,2-3/8-16UNC | | | | | Paint | | |
| | 250 | W | 4-φ13.5 , Wheel Flangeφ160 , Pilotφ125X8 | | K | Straight Shaftφ25.4, L=41.8, Woodruff Keyφ25.4X6.35, 1/4-20UNC | | DB | G1/2,G1/4 | | | | | | | |
| | 315 | B2 | 4-φ13 , Square Flangeφ127.7 , Pilotφ100X6 | | S1 | Straight-sided Spline Shaftφ25.32X21.47X6.25, L=41.8, 1/4-20UNC | | DU | G1/2,7/16-20UNF 'O'-ring | | | | | | | |
| | 400 | | | | I | Involute Spline Shaftφ22,L=33,13-DP16/32 | | SB | 7/8-14UNF 'O'-ring,G1/4 | | | | | | | |
| | 500 | | | | G | Straight Shaftφ31.75, L=48, Parallel Key7.96X7.96X31.75, 3/8-16UNC | | SU | 7/8-14UNF 'O'-ring,7/16-20UNF 'O'-ring | | | | | | | |
| | | | | | SL | Straight-sided Spline Shaftφ34.85X28.14X8.64, L=100, M8 | | M4 | M22X1.5,M14X1.5 | | | | | | | |
| | | | | | P | Straight Shaftφ30, L=48, Parallel Key10X8X40, M8 | | PB | 1/2-14NPT,G1/4 | | | | | | | |
| | | | | | J | Straight-sided Spline Shaftφ30X25.3X8, L=48, M8 | | PU | 1/2-14NPT,7/16-20UNF 'O'-ring | | | | | | | |
| | | | | | N | Straight-sided Spline Shaftφ30X24.8X6, L=48, M8 | | | | | | | | | | |
| | | | | | Z | Straight-sided Spline Shaftφ32X26X6, L=56.5, M8 | | G2 | G1/2,M10X1 | | | | | | | |
| | | | | | | | | M3 | M22X1.5,M10X1 | | | | | | | |
| | | | | | | | | S11 | 7/8-14UNF 'O'-ring,M10X1 | | | | | | | |

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Note: Select codes for motor structure, displacement, mounting flange, shaft extension and inlet/outlet ports from the shaded positions on the left and send them in the above format. Contact us for unlisted specifications or special requirements.

CONTACT

YUNLINK HYDRAULICS

For product selection, quotation and OEM/ODM inquiries, please contact us.

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Location:

No. 5 Yucai Street, North Industrial Zone
Ningjin County, Xingtai City
Hebei Province, China

WHEN SENDING AN INQUIRY, PLEASE INCLUDE:

1. Product model
2. Thread size / connection type
3. Required pressure and flow rate
4. Quantity
5. Application or equipment model