

PM DC PLANETARY GEARMOTOR

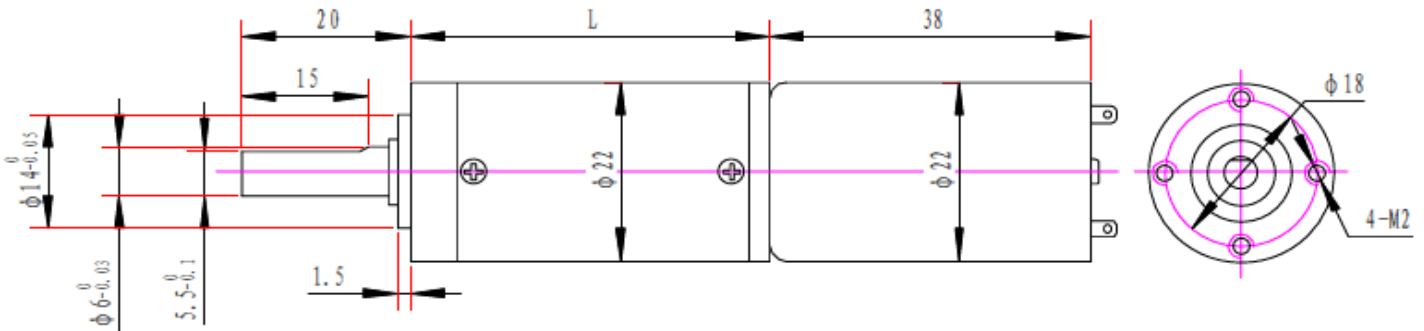
22PXJ10K/DP2238



Product Specification and Usage--

- 1.DP2238 DC motor is specially made with small diameter,low rotation speed and big torque;
- 2.Diameter 22MM strengthened type reducer,allows load 10kg.cm,small volume and reliable;
- 3.Especially fit for electric curtain with small diameter and low noise,also fit for equipment with big strength.

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|--------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP2238-1260 | 12 | 6000 | 50 | 5150 | 30 | 1.6 | 195 | 195 | 1.1 |
| DP2238-12100 | 12 | 10000 | 50 | 9200 | 30 | 2.8 | 180 | 320 | 1.4 |

Gear motor Technical Data

Complete model of configuration DP2238-1260 motor : 22PXJ10K□G6D/DP2238-1260 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 |
|---|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 26 | 26 | 34.5 | 34.5 | 34.5 | 42.5 | 42.5 | 42.5 | 42.5 | 51 | 51 | 51 | 51 | 51 |
| No-load speed r/min | 1500 | 1200 | 428 | 315 | 222 | 117 | 84 | 60 | 43 | 31 | 23 | 16 | 11 | 8.3 |
| Rated speed r/min | 1390 | 990 | 360 | 270 | 190 | 100 | 72 | 51 | 37 | 27 | 19 | 14 | 10 | 7.5 |
| Rated torque kg.cm | 0.10 | 0.14 | 0.37 | 0.51 | 0.72 | 1.3 | 1.8 | 2.5 | 3.5 | 4.5 | 6.4 | 9.0 | 10 | 10 |
| Max. permissible load in a short time kg.cm | 3 | 3 | 6 | 6 | 6 | 15 | 15 | 15 | 15 | 30 | 30 | 30 | 30 | 30 |

Complete model of configuration DP2238-12100 motor : 22PXJ10K□G6D/DP2238-1260 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 |
|---|------|------|------|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 26 | 26 | 34.5 | 34.5 | 34.5 | 42.5 | 42.5 | 42.5 | 42.5 | 51 | 51 | 51 | 51 | 51 |
| No-load speed r/min | 2695 | 1931 | 714 | 526 | 370 | 196 | 141 | 100 | 72 | 53 | 38 | 27 | 19 | 14 |
| Rated speed r/min | 2480 | 1776 | 657 | 484 | 341 | 180 | 130 | 92 | 66 | 49 | 35 | 25 | 18 | 13 |
| Rated torque kg.cm | 0.10 | 0.14 | 0.34 | 0.46 | 0.66 | 1.1 | 1.6 | 2.2 | 3.0 | 3.7 | 5.2 | 7.3 | 10 | 10 |
| Max. permissible load in a short time kg.cm | 3 | 3 | 6 | 6 | 6 | 15 | 15 | 15 | 15 | 30 | 30 | 30 | 30 | 30 |

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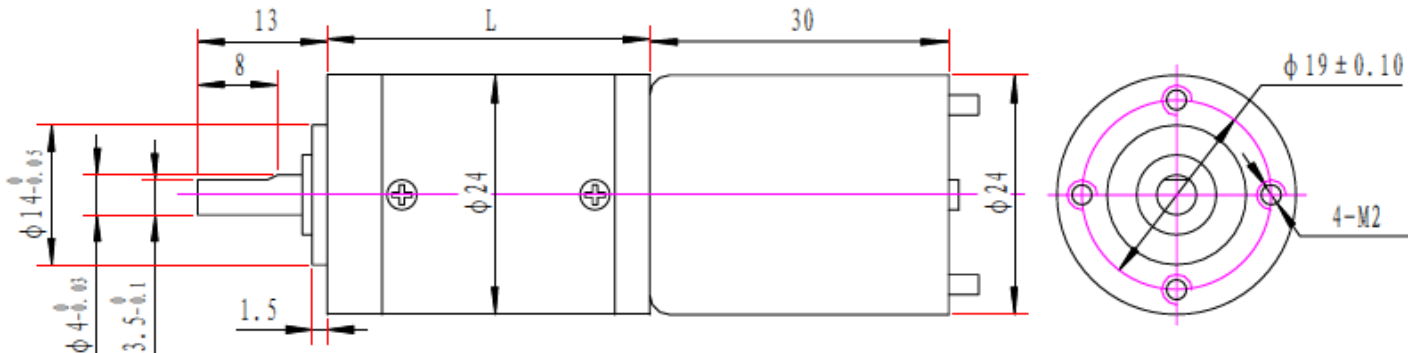
24PXJ5K/DP2430



Product Specification and Usage--

1. Dimeter 24MM planet gear reductor allows load 5kg.cm;
2. Suitable for small diameter, large output equipment and facilities

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP2430-1230 | 12 | 3000 | 40 | 2400 | 20 | 0.5 | 90 | 100 | 0.3 |
| DP2430-1245 | 12 | 4500 | 60 | 3600 | 25 | 0.9 | 170 | 125 | 0.5 |

Gear motor Technical Data

Complete model of configuration DP2430-1230 motor : 24PXJ5K□G4D/DP2430-1230 (□Fill in reduction ratio)

| Reduction ratio | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 | 981 | 1370 | 1913 | 2671 | 3730 |
|---|------|------|------|------|------|------|------|------|------|-----|------|------|------|------|
| Number of gear trains | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 5 | 5 | 5 | 5 | 5 |
| Length(L) mm | 32.5 | 32.5 | 32.5 | 32.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 | 42 | 42 | 42 | 42 | 42 |
| No-load speed r/min | 58 | 42 | 30 | 21 | 15 | 11 | 8.1 | 5.8 | 4.1 | 3.0 | 2.1 | 1.5 | 1.1 | 0.8 |
| Rated speed r/min | 47 | 34 | 24 | 17 | 12 | 9.1 | 6.5 | 4.6 | 3.8 | 2.8 | 2.1 | 1.5 | 1.1 | 0.8 |
| Rated torque kg.cm | 0.87 | 1.2 | 1.7 | 2.3 | 3.0 | 4.3 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 | 5.0 |
| Max. permissible load in a short time kg.cm | 8 | 8 | 8 | 8 | 12 | 12 | 12 | 12 | 12 | 15 | 15 | 15 | 15 | 15 |

Complete model of configuration DP2430-1245 motor : 24PXJ5K□G4D/DP2430-1245 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 26 | 26 | 28 | 28 | 28 | 32.5 | 32.5 | 32.5 | 32.5 | 37.5 | 37.5 | 37.5 | 37.5 | 37.5 |
| No-load speed r/min | 1215 | 890 | 321 | 236 | 166 | 88 | 63 | 45 | 32 | 23 | 17 | 12 | 8.7 | 6.2 |
| Rated speed r/min | 937 | 705 | 257 | 189 | 133 | 70 | 50 | 36 | 26 | 19 | 13 | 10 | 7.8 | 5.6 |
| Rated torque kg.cm | 0.08 | 0.12 | 0.31 | 0.43 | 0.61 | 1.1 | 1.5 | 2.2 | 3.0 | 3.8 | 5.0 | 5.0 | 5.0 | 5.0 |
| Max. permissible load in a short time kg.cm | 3 | 3 | 6 | 6 | 6 | 8 | 8 | 8 | 8 | 12 | 12 | 12 | 12 | 12 |

PM DC PLANETARY GEARMOTOR

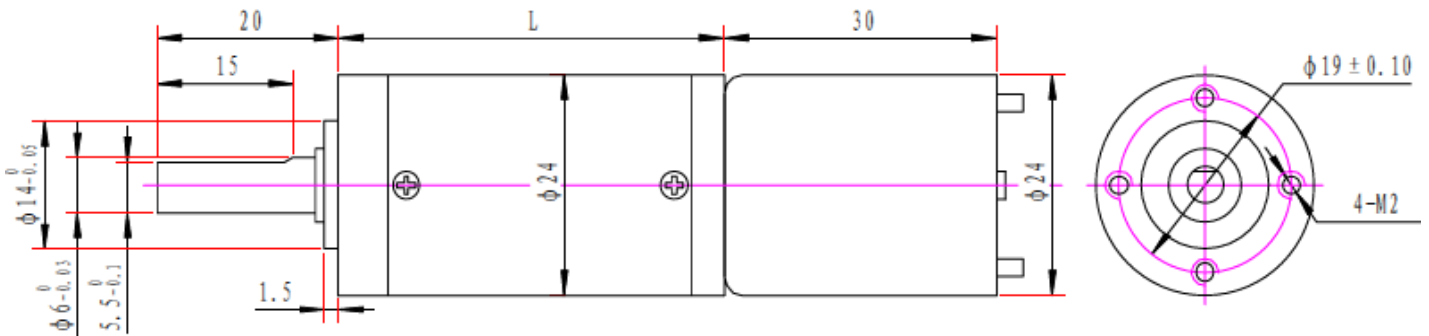
24PXJ10K/DP2430



Product Specification and Usage--

1. Diameter 24MM strengthened type reducer, allows load 10kg.cm;
2. Especially fit for electric curtain with small diameter and low noise, also fit for equipment with big strength.

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|--------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP2430-1280 | 12 | 8000 | 80 | 6500 | 30 | 2.0 | 300 | 160 | 1.2 |
| DP2430-12100 | 12 | 10000 | 100 | 7700 | 40 | 3.1 | 420 | 160 | 1.6 |

Gear motor Technical Data

Complete model of configuration DP2430-1280 motor : 24PXJ10K□G4D/DP2430-1280 (□Fill in reduction ratio)

| Reduction ratio | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 |
|---|------|------|------|------|------|------|-----|-----|-----|-----|-----|
| Number of gear trains | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 |
| Length(L) mm | 34.5 | 34.5 | 34.5 | 42.5 | 42.5 | 42.5 | 51 | 51 | 51 | 51 | 51 |
| No-load speed r/min | 570 | 420 | 290 | 150 | 100 | 80 | 57 | 42 | 30 | 21 | 15 |
| Rated speed r/min | 460 | 340 | 240 | 125 | 90 | 65 | 46 | 34 | 24 | 17 | 12 |
| Rated torque kg.cm | 0.37 | 0.51 | 0.72 | 1.3 | 1.8 | 2.5 | 3.5 | 4.5 | 6.4 | 9.4 | 10 |
| Max. permissible load in a short time kg.cm | 5 | 5 | 5 | 15 | 15 | 15 | 15 | 30 | 30 | 30 | 30 |

Complete model of configuration DP2430-12100 motor : 24PXJ10K□G4D/DP2430-12100 (□Fill in reduction ratio)

| Reduction ratio | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|-----|-----|-----|
| Number of gear trains | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 34.5 | 34.5 | 34.5 | 42.5 | 42.5 | 42.5 | 42.5 | 51 | 51 | 51 |
| No-load speed r/min | 710 | 520 | 370 | 195 | 140 | 100 | 71 | 52 | 37 | 27 |
| Rated speed r/min | 550 | 400 | 280 | 150 | 105 | 77 | 55 | 40 | 29 | 21 |
| Rated torque kg.cm | 0.50 | 0.68 | 0.97 | 1.7 | 2.4 | 3.4 | 4.7 | 6.1 | 8.5 | 10 |
| Max. permissible load in a short time kg.cm | 5 | 5 | 5 | 15 | 15 | 15 | 15 | 30 | 30 | 30 |

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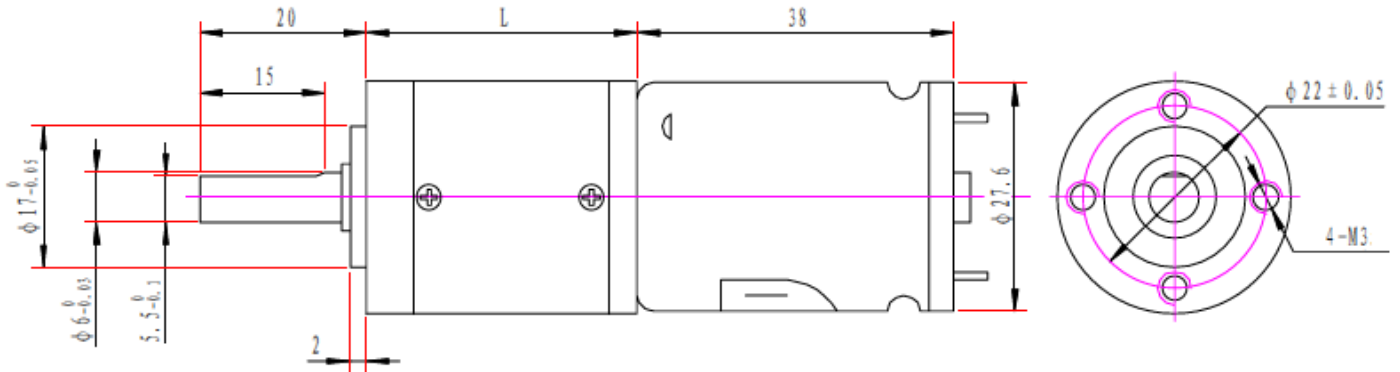
28PXJ5K/DP2838



Product Specification and Usage--

1. Diameter 28MM strengthened type reducer, allows load 5kg.cm;
2. Suitable for small diameter, large output equipment and facilities

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP2838-1230 | 12 | 3000 | 70 | 2800 | 25 | 0.73 | 170 | 142 | 0.43 |
| DP2838-1240 | 12 | 4000 | 80 | 3000 | 70 | 2.1 | 300 | 245 | 0.87 |

Gear motor Technical Data

Complete model of configuration DP2838-1230 motor : 28PXJ5K□G6D/DP2838-1230 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 26 | 26 | 28 | 28 | 28 | 32.5 | 32.5 | 32.5 | 32.5 | 37.5 | 37.5 | 37.5 |
| No-load speed r/min | 810 | 588 | 214 | 158 | 111 | 58 | 42 | 30 | 21 | 16 | 11 | 8.1 |
| Rated speed r/min | 756 | 550 | 200 | 147 | 103 | 55 | 39 | 28 | 20 | 15 | 10 | 7.7 |
| Rated torque kg.cm | 0.08 | 0.12 | 0.31 | 0.43 | 0.61 | 1.1 | 1.5 | 2.2 | 3.0 | 3.8 | 5.0 | 5.0 |
| Max. permissible load in a short time kg.cm | 3 | 3 | 6 | 6 | 6 | 12 | 12 | 12 | 12 | 15 | 15 | 15 |

Complete model of configuration DP2838-1240 motor : 28PXJ5K□G6D/DP2838-1240 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 |
|---|------|------|------|-----|-----|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Length(L) mm | 26 | 26 | 28 | 28 | 28 | 32.5 | 32.5 | 32.5 | 32.5 |
| No-load speed r/min | 1080 | 784 | 285 | 210 | 148 | 78 | 56 | 40 | 28 |
| Rated speed r/min | 810 | 588 | 214 | 158 | 111 | 58 | 42 | 31 | 24 |
| Rated torque kg.cm | 0.24 | 0.34 | 0.88 | 1.2 | 1.7 | 3.0 | 4.2 | 5.0 | 5.0 |
| Max. permissible load in a short time kg.cm | 3 | 3 | 6 | 6 | 6 | 12 | 12 | 12 | 12 |

PM DC PLANETARY GEAR MOTOR

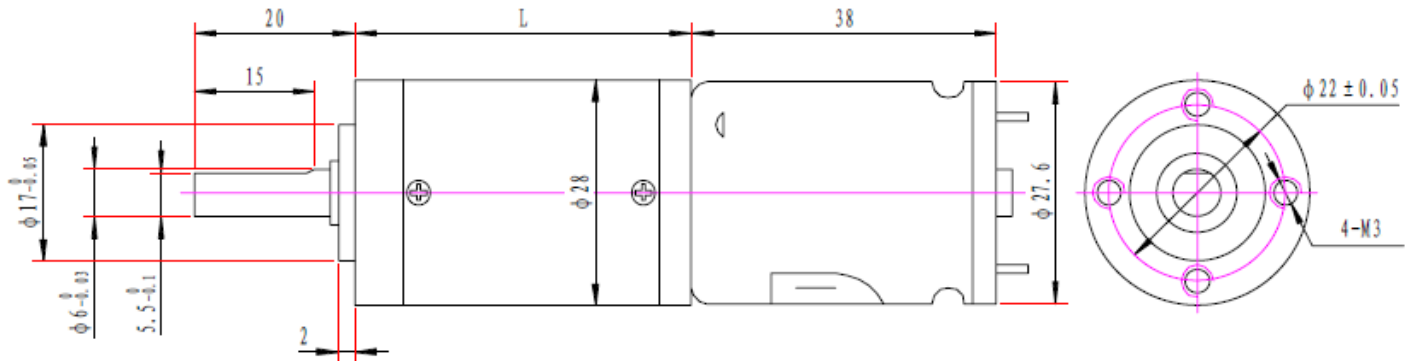
28PXJ10K/DP2838

Product Specification and Usage--

1. Diameter 28MM strengthened type reducer, allows load 10kg.cm;
2. Suitable for small diameter, large output equipment and facilities



Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP2838-1230 | 12 | 3000 | 70 | 2800 | 25 | 0.73 | 170 | 142 | 0.43 |
| DP2838-1240 | 12 | 4000 | 80 | 3000 | 70 | 2.1 | 300 | 245 | 0.87 |

Gear motor Technical Data

Complete model of configuration DP2838-1230 motor : 28PXJ10K□G6D/DP2838-1230 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 |
|---|------|------|------|------|------|-----|-----|-----|-----|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 36 | 36 | 36 | 42 | 42 | 42 | 42 | 48.5 | 48.5 | 48.5 | 48.5 | 48.5 |
| No-load speed r/min | 810 | 588 | 214 | 158 | 111 | 58 | 42 | 30 | 21 | 16 | 11 | 8.1 | 5.8 | 4.1 |
| Rated speed r/min | 756 | 550 | 200 | 147 | 103 | 55 | 39 | 28 | 20 | 15 | 10 | 7.6 | 5.5 | 4.0 |
| Rated torque kg.cm | 0.08 | 0.12 | 0.31 | 0.43 | 0.61 | 1.1 | 1.5 | 2.2 | 3.0 | 3.8 | 5.3 | 7.4 | 10 | 10 |
| Max. permissible load in a short time kg.cm | 5 | 5 | 10 | 10 | 10 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |

Complete model of configuration DP2838-1240 motor : 28PXJ10K□G6D/DP2838-1240 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 |
|---|------|------|------|-----|-----|-----|-----|-----|-----|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 36 | 36 | 36 | 42 | 42 | 42 | 42 | 48.5 | 48.5 |
| No-load speed r/min | 1080 | 784 | 285 | 210 | 148 | 78 | 56 | 40 | 28 | 21 | 15 |
| Rated speed r/min | 810 | 588 | 214 | 158 | 111 | 58 | 42 | 30 | 21 | 15 | 12 |
| Rated torque kg.cm | 0.24 | 0.34 | 0.88 | 1.2 | 1.7 | 3.0 | 4.2 | 6.0 | 8.3 | 10 | 10 |
| Max. permissible load in a short time kg.cm | 5 | 5 | 10 | 10 | 10 | 30 | 30 | 30 | 30 | 30 | 30 |

PM DC PLANETARY GEAR MOTOR

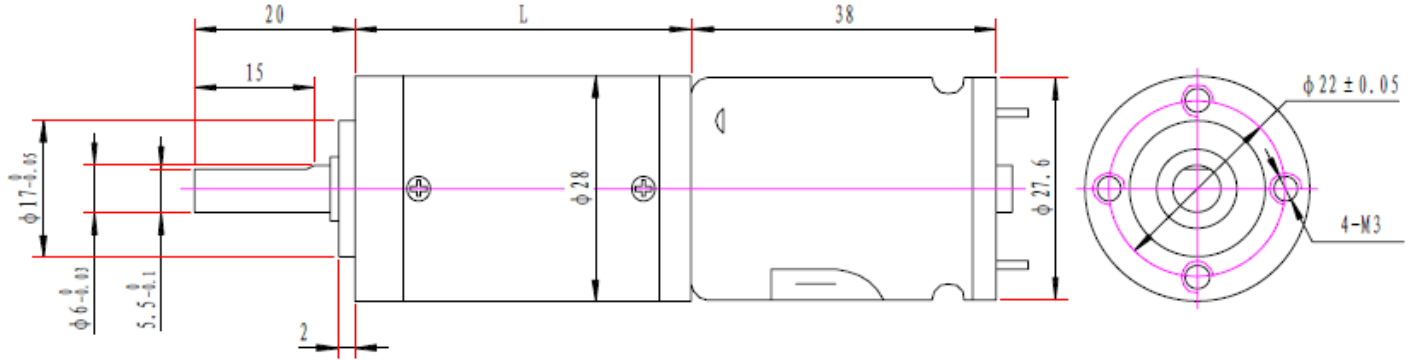
28PXJ20K/DP2838



Product Specification and Usage--

1. Diameter 28MM strengthened type reducer, allows load 20kg.cm;
2. Suitable for small diameter, large output equipment and facilities

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP2838-1240 | 12 | 4000 | 80 | 3000 | 70 | 2.1 | 300 | 245 | 0.87 |
| DP2838-1250 | 12 | 5000 | 100 | 4000 | 70 | 2.9 | 410 | 350 | 1.5 |

Gear motor Technical Data

Complete model of configuration DP2838-1240 motor : 28PXJ20K□G6D/DP2838-1240 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 40.0 | 40.0 | 40.0 | 48.5 | 48.5 | 48.5 | 48.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| No-load speed r/min | 1080 | 784 | 285 | 210 | 148 | 78 | 56 | 40 | 28 | 21 | 15 | 10 | 7.7 | 5.5 |
| Rated speed r/min | 810 | 588 | 214 | 158 | 111 | 58 | 42 | 30 | 21 | 15 | 12 | 9.5 | 7.3 | 5.3 |
| Rated torque kg.cm | 0.24 | 0.34 | 0.88 | 1.2 | 1.7 | 3.0 | 4.2 | 6.0 | 8.3 | 8.7 | 12 | 17 | 20 | 20 |
| Max. permissible load in a short time kg.cm | 6 | 6 | 12 | 12 | 12 | 30 | 30 | 30 | 30 | 60 | 60 | 60 | 60 | 60 |

Complete model of configuration DP2838-1250 motor : 28PXJ10K□G6D/DP2838-1250 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 | 516 | 720 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 40.0 | 40.0 | 40.0 | 48.5 | 48.5 | 48.5 | 48.5 | 57.5 | 57.5 | 57.5 | 57.5 | 57.5 |
| No-load speed r/min | 1350 | 980 | 357 | 263 | 185 | 98 | 70 | 50 | 36 | 26 | 19 | 13 | 9.7 | 6.9 |
| Rated speed r/min | 1080 | 784 | 285 | 210 | 148 | 78 | 56 | 40 | 28 | 21 | 16 | 12 | 9.2 | 6.7 |
| Rated torque kg.cm | 0.24 | 0.34 | 0.88 | 1.2 | 1.7 | 3.0 | 4.2 | 6.0 | 8.3 | 8.7 | 12 | 17 | 20 | 20 |
| Max. permissible load in a short time kg.cm | 6 | 6 | 12 | 12 | 12 | 30 | 30 | 30 | 30 | 60 | 60 | 60 | 60 | 60 |

PM DC PLANETARY GEARMOTOR

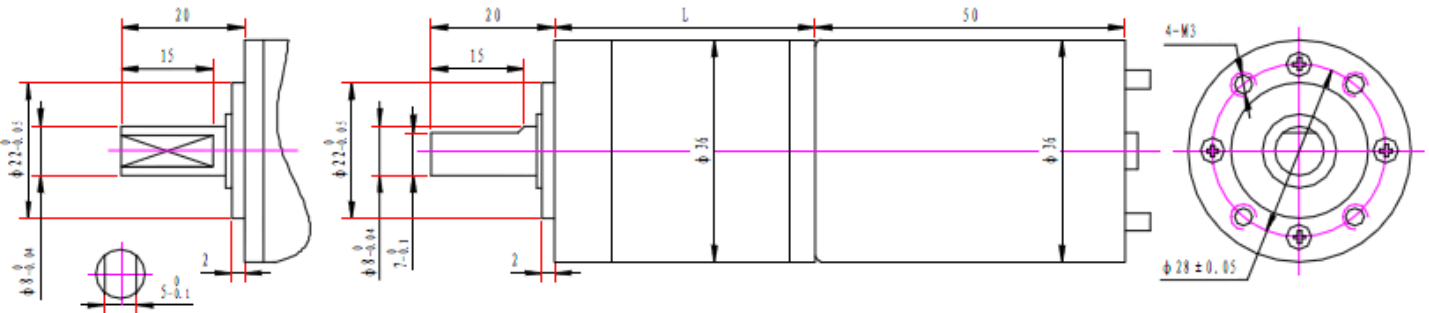
36PXJ20K/DP3550



Product Specification and Usage--

1. Diameter 36MM strengthened type reducer, allows load 20kg.cm;
2. Suitable for small diameter, large output equipment and facilities

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP3650-2436 | 24 | 3600 | 100 | 3000 | 110 | 3.4 | 0.40 | 580 | 1.7 |
| DP3650-2442 | 24 | 4200 | 120 | 3450 | 120 | 4.2 | 0.43 | 960 | 2.4 |

Gear motor Technical Data

Complete model of configuration DP3650-2436 motor : 36PXJ20K□G8D/DP3650-2436 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 36.0 | 36.0 | 36.0 | 42.0 | 42.0 | 42.0 | 42.0 | 48.5 | 48.5 | 48.5 |
| No-load speed r/min | 972 | 692 | 257 | 189 | 133 | 70 | 50 | 36 | 25 | 19 | 13 | 10 |
| Rated speed r/min | 810 | 577 | 214 | 157 | 111 | 59 | 42 | 30 | 21 | 16 | 11 | 8.7 |
| Rated torque kg.cm | 0.38 | 0.54 | 1.3 | 1.8 | 2.6 | 4.8 | 6.6 | 9.4 | 13 | 18 | 20 | 20 |
| Max. permissible load in a short time kg.cm | 5 | 5 | 10 | 10 | 10 | 30 | 30 | 30 | 30 | 40 | 40 | 40 |

Complete model of configuration DP3650-2442 motor : 36PXJ20K□G8D/DP3650-2442 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.2 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 36.0 | 36.0 | 36.0 | 42.0 | 42.0 | 42.0 | 42.0 | 48.5 | 48.5 | 48.5 |
| No-load speed r/min | 1135 | 807 | 300 | 221 | 155 | 82 | 59 | 42 | 30 | 22 | 16 | 11 |
| Rated speed r/min | 932 | 663 | 246 | 181 | 127 | 67 | 48 | 34 | 24 | 18 | 13 | 10 |
| Rated torque kg.cm | 0.42 | 0.59 | 1.5 | 2.0 | 2.9 | 5.2 | 7.2 | 10.3 | 14 | 18 | 20 | 20 |
| Max. permissible load in a short time kg.cm | 5 | 5 | 10 | 10 | 10 | 30 | 30 | 30 | 30 | 40 | 40 | 40 |

PM DC PLANETARY GEARMOTOR

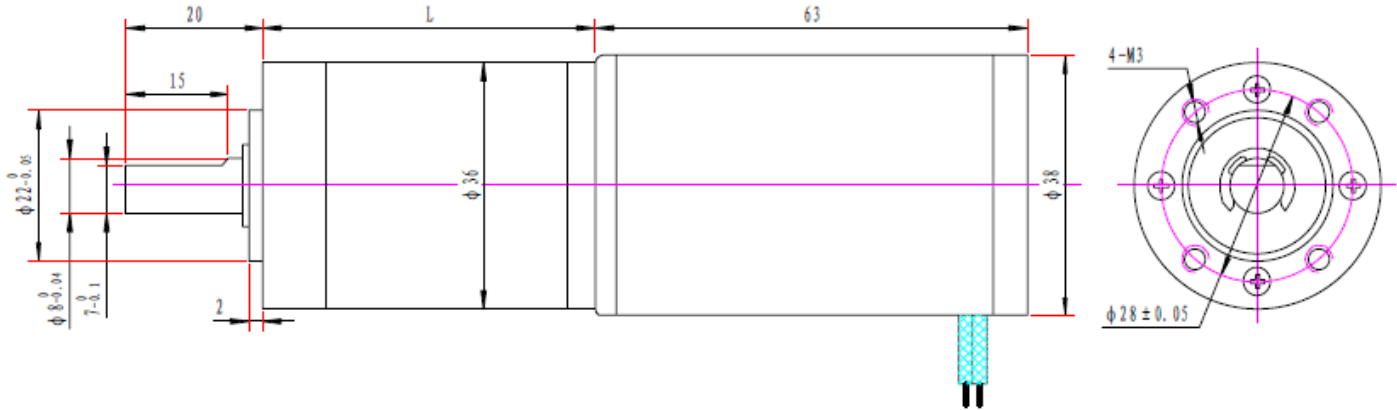
36PXJ30K/DP3863



Product Specification and Usage--

1. Diameter 36MM strengthened type reducer, allows load 30kg.cm;
2. Suitable for small diameter, large output equipment and facilities

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP3863-1230 | 12 | 3000 | 300 | 2500 | 150 | 3.8 | 0.65 | 900 | 2.4 |
| DP3863-2440 | 24 | 4000 | 220 | 3200 | 200 | 6.5 | 0.60 | 1000 | 2.0 |

Gear motor Technical Data

Complete model of configuration DP3863-1230 motor : 36PXJ30K□G8D/DP3863-1230 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.1 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 38.5 | 38.5 | 38.5 | 48.5 | 48.5 | 48.5 | 48.5 | 55.5 | 55.5 | 55.5 |
| No-load speed r/min | 808 | 579 | 214 | 157 | 110 | 58 | 42 | 30 | 21 | 16 | 11 | 8 |
| Rated speed r/min | 670 | 480 | 175 | 130 | 92 | 49 | 35 | 25 | 18 | 13 | 9.5 | 7 |
| Rated torque kg.cm | 0.53 | 0.74 | 1.9 | 2.5 | 3.6 | 6.5 | 9.0 | 12 | 17 | 23 | 30 | 30 |
| Max. permissible load in a short time kg.cm | 10 | 10 | 30 | 30 | 30 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

Complete model of configuration DP3863-2440 motor : 36PXJ30K□G8D/DP3863-2440 (□Fill in reduction ratio)

| Reduction ratio | 3.7 | 5.1 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 31.5 | 31.5 | 38.5 | 38.5 | 38.5 | 48.5 | 48.5 | 48.5 | 48.5 | 55.5 | 55.5 | 55.5 |
| No-load speed r/min | 1080 | 770 | 285 | 210 | 148 | 78 | 56 | 40 | 28 | 21 | 15 | 11 |
| Rated speed r/min | 860 | 617 | 228 | 168 | 118 | 62 | 45 | 32 | 23 | 17 | 13 | 10 |
| Rated torque kg.cm | 0.70 | 0.98 | 2.5 | 3.4 | 4.8 | 8.6 | 12 | 17 | 23 | 30 | 30 | 30 |
| Max. permissible load in a short time kg.cm | 10 | 10 | 30 | 30 | 30 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |

PM DC PLANETARY GEARMOTOR

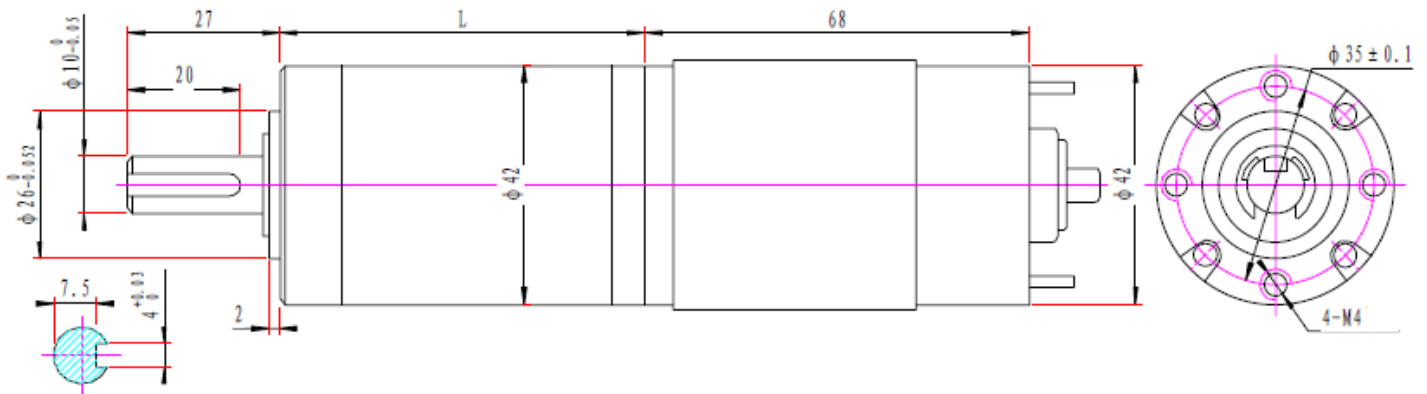
42PXJ100K/DP4268



Product Specification and Usage--

1. Diameter 42MM strengthened type reducer, allows load 100kg.cm
2. Preferred choice of planetary gear reducer 45mm diameter (45PXJ100K)

Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP4268-2420 | 24 | 2000 | 0.15 | 1700 | 500 | 8.7 | 0.6 | 2200 | 2.0 |
| DP4268-2430 | 24 | 3000 | 0.17 | 2200 | 400 | 9.0 | 1.0 | 1500 | 2.3 |

Gear motor Technical Data

Complete model of configuration DP4268-2420 motor : 42PXJ100K□G8D/DP4268-2420 (□Fill in reduction ratio)

| Reduction ratio | 3.71 | 5.18 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 64.5 | 64.5 | 64.5 | 64.5 | 74.5 | 74.5 | 74.5 |
| No-load speed r/min | 590 | 420 | 157 | 116 | 81 | 43 | 31 | 22 | 16 | 11 | 8.3 | 6.0 |
| Rated speed r/min | 460 | 330 | 121 | 89 | 63 | 33 | 24 | 17 | 12 | 9.0 | 6.5 | 5.0 |
| Rated torque kg.cm | 1.7 | 2.4 | 6.3 | 8.5 | 12 | 21 | 30 | 42 | 59 | 76 | 100 | 100 |
| Max. permissible load in a short time kg.cm | 50 | 50 | 50 | 50 | 50 | 150 | 150 | 150 | 150 | 300 | 300 | 300 |

Complete model of configuration DP4268-2430 motor : 42PXJ100K□G8D/DP4268-2430 (□Fill in reduction ratio)

| Reduction ratio | 3.71 | 5.18 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 64.5 | 64.5 | 64.5 | 64.5 | 74.5 | 74.5 | 74.5 |
| No-load speed r/min | 809 | 579 | 214 | 158 | 111 | 59 | 42 | 30 | 22 | 16 | 11 | 8.1 |
| Rated speed r/min | 592 | 42 | 157 | 115 | 81 | 43 | 31 | 22 | 16 | 11 | 8.3 | 6.3 |
| Rated torque kg.cm | 1.4 | 1.9 | 5.0 | 6.8 | 9.7 | 17 | 24 | 34 | 47 | 61 | 85 | 100 |
| Max. permissible load in a short time kg.cm | 50 | 50 | 50 | 150 | 150 | 150 | 150 | 300 | 300 | 300 | 300 | 300 |

PM DC PLANETARY GEAR MOTOR

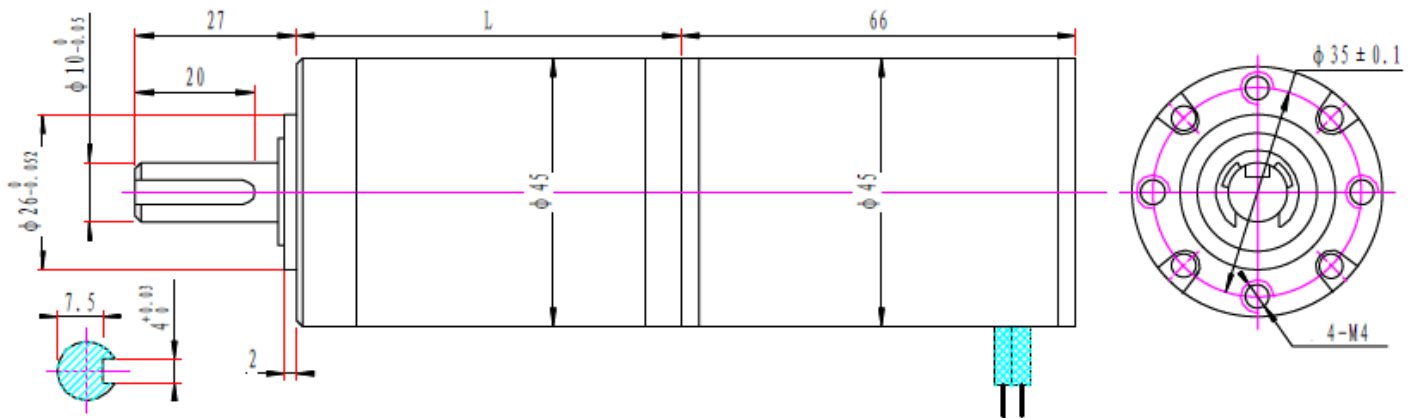
45PXJ100K/DP4568

Product Specification and Usage--

1. Diameter 45MM strengthened type reducer, allows load 100kg.cm
2. Suitable for small diameter, large output equipment and facilities



Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP4568-2430 | 24 | 3000 | 0.25 | 2500 | 430 | 11 | 0.8 | 1760 | 2.7 |
| DP4568-2440 | 24 | 4000 | 0.35 | 3200 | 430 | 14 | 1.0 | 2150 | 3.0 |

Gear motor Technical Data

Complete model of configuration DP4568-2430 motor : 45PXJ100K□G10/DP4568-2430 (□Fill in reduction ratio)

| Reduction ratio | 3.71 | 5.18 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 64.5 | 64.5 | 64.5 | 64.5 | 74.5 | 74.5 | 74.5 |
| No-load speed r/min | 809 | 579 | 214 | 158 | 111 | 59 | 42 | 30 | 22 | 16 | 11 | 8 |
| Rated speed r/min | 673 | 482 | 178 | 130 | 92 | 49 | 35 | 25 | 19 | 13 | 9 | 7 |
| Rated torque kg.cm | 1.5 | 2.0 | 5.4 | 7.3 | 10 | 18 | 26 | 36 | 50 | 65 | 92 | 100 |
| Max. permissible load in a short time kg.cm | 20 | 20 | 50 | 50 | 50 | 150 | 150 | 150 | 150 | 300 | 300 | 300 |

Complete model of configuration DP4568-2440 motor : 45PXJ100K□G10/DP4568-2440 (□Fill in reduction ratio)

| Reduction ratio | 3.71 | 5.18 | 14 | 19 | 27 | 51 | 71 | 100 | 139 | 189 | 264 | 369 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 |
| Length(L) mm | 51.5 | 51.5 | 51.5 | 51.5 | 51.5 | 64.5 | 64.5 | 64.5 | 64.5 | 74.5 | 74.5 | 74.5 |
| No-load speed r/min | 1080 | 770 | 285 | 210 | 148 | 78 | 56 | 40 | 28 | 21 | 15 | 10 |
| Rated speed r/min | 862 | 617 | 228 | 168 | 118 | 62 | 45 | 32 | 24 | 17 | 12 | 9 |
| Rated torque kg.cm | 1.5 | 2.0 | 5.4 | 7.3 | 10 | 18 | 26 | 36 | 50 | 65 | 92 | 100 |
| Max. permissible load in a short time kg.cm | 20 | 20 | 50 | 50 | 50 | 150 | 150 | 150 | 150 | 300 | 300 | 300 |

PM DC PLANETARY GEAR MOTOR

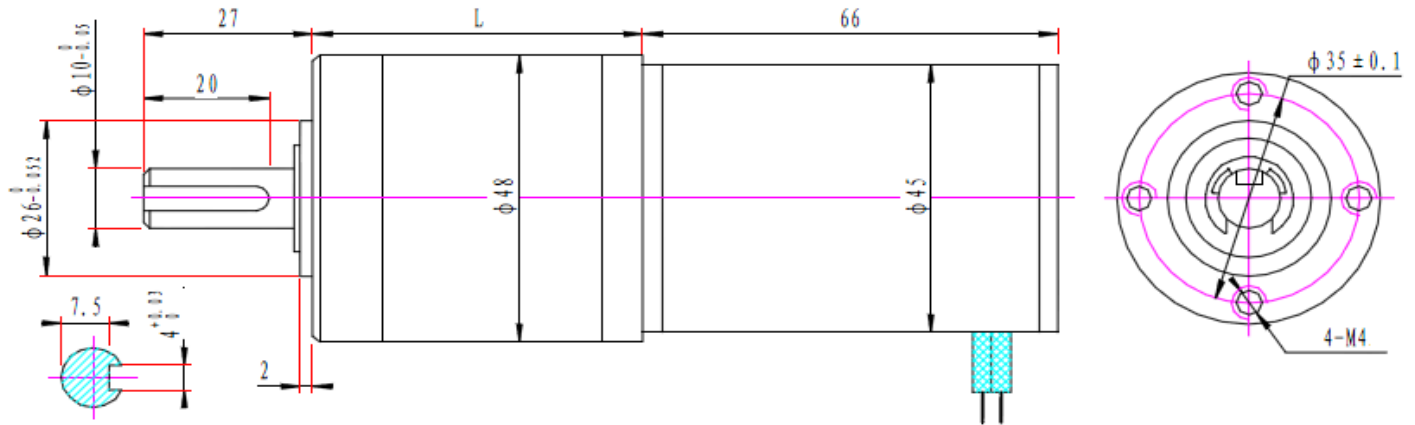
48PXJ50K/DP4568

Product Specification and Usage--

1. Diameter 48MM strengthened type reducer, allows load 50kg.cm
2. Planet gear hold is setup with needle bearing, increase load capacity effectively and last application life;
3. 'All shafting type' is using all steel gear with needle bearing; 'Mixed type' is setup with resin noisedamping gear when output, helping reduce noise.



Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP4568-2430 | 24 | 3000 | 0.25 | 2500 | 430 | 11 | 0.8 | 1760 | 2.7 |
| DP4568-2440 | 24 | 4000 | 0.35 | 3200 | 430 | 14 | 1.0 | 2150 | 3.0 |

Gear motor Technical Data

Complete model of configuration DP4568-2430 motor : 48PXJ50K□G10/DP4568-2430 (□Fill in reduction ratio)

| Reduction ratio | 15 | 19 | 24 | 56 | 71 | 91 | 116 |
|---|------|------|------|------|------|------|------|
| Number of gear trains | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Length(L) mm | 42.5 | 42.5 | 42.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| No-load speed r/min | 200 | 158 | 125 | 54 | 42 | 33 | 26 |
| Rated speed r/min | 167 | 132 | 104 | 45 | 35 | 27 | 22 |
| Rated torque kg.cm | 5.2 | 6.6 | 8.4 | 18 | 22 | 29 | 36 |
| Max. permissible load in a short time kg.cm | 60 | 60 | 60 | 150 | 150 | 150 | 150 |

Complete model of configuration DP4568-2440 motor : 48PXJ500K□G10/DP4568-2440 (□Fill in reduction ratio)

| Reduction ratio | 15 | 19 | 24 | 56 | 71 | 91 | 116 |
|---|------|------|------|------|------|------|------|
| Number of gear trains | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| Length(L) mm | 42.5 | 42.5 | 42.5 | 52.5 | 52.5 | 52.5 | 52.5 |
| No-load speed r/min | 267 | 211 | 167 | 71 | 56 | 44 | 34 |
| Rated speed r/min | 213 | 168 | 133 | 57 | 45 | 35 | 28 |
| Rated torque kg.cm | 5.2 | 6.6 | 8.4 | 18 | 22 | 29 | 36 |
| Max. permissible load in a short time kg.cm | 60 | 60 | 60 | 150 | 150 | 150 | 150 |

PM DC PLANETARY GEAR MOTOR

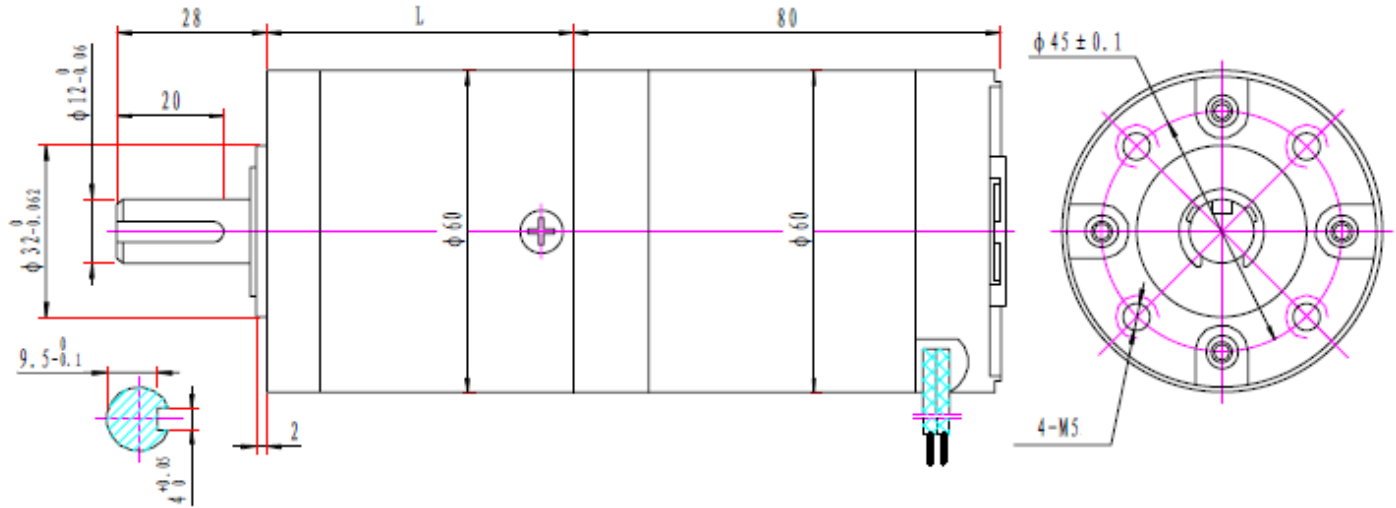
60PXJ300K/DP6075

Product Specification and Usage--

1. Diameter 60MM strengthened type reducer, allows load 300kg.cm
2. Suitable for small diameter, large output equipment and facilities



Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|-------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP6075-2420 | 24 | 2000 | 0.3 | 1500 | 350 | 5 | 0.8 | 1.9 | 2.4 |
| DP6075-2430 | 24 | 3000 | 0.4 | 2500 | 400 | 10 | 1.1 | 2.6 | 5 |

Gear motor Technical Data

Complete model of configuration DP6075-2420 motor : 60PXJ300K□G12/DP6075-2420 (□Fill in reduction ratio)

| Reduction ratio | 3.6 | 4.25 | 13 | 15 | 18 | 47 | 55 | 65 | 76 | 168 | 198 | 234 | 276 | 326 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 57.5 | 57.5 | 57.5 | 57.5 | 68.5 | 68.5 | 68.5 | 68.5 | 68.5 |
| No-load speed r/min | 555 | 470 | 154 | 133 | 111 | 42 | 36 | 30 | 26 | 12 | 10 | 8.5 | 7.2 | 6.1 |
| Rated speed r/min | 417 | 353 | 115 | 100 | 83 | 32 | 27 | 23 | 20 | 8.9 | 7.6 | 6.4 | 5.4 | 4.6 |
| Rated torque kg.cm | 1.2 | 1.4 | 4.1 | 4.8 | 5.7 | 14 | 16 | 19 | 23 | 48 | 56 | 66 | 78 | 92 |
| Max. permissible load in a short time kg.cm | 30 | 30 | 100 | 100 | 100 | 300 | 300 | 300 | 300 | 600 | 600 | 600 | 600 | 600 |

Complete model of configuration DP6075-2430 motor : 60PXJ300K□G12/DP6075-2430 (□Fill in reduction ratio)

| Reduction ratio | 3.6 | 4.25 | 13 | 15 | 18 | 47 | 55 | 65 | 76 | 168 | 198 | 234 | 276 | 326 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 45.5 | 45.5 | 45.5 | 45.5 | 45.5 | 56.5 | 56.5 | 56.5 | 56.5 | 67.5 | 67.5 | 67.5 | 67.5 | 67.5 |
| No-load speed r/min | 833 | 706 | 230 | 200 | 167 | 64 | 54 | 46 | 39 | 18 | 15 | 13 | 11 | 9.2 |
| Rated speed r/min | 694 | 588 | 192 | 167 | 139 | 53 | 45 | 38 | 33 | 15 | 12 | 10 | 9.0 | 7.7 |
| Rated torque kg.cm | 1.4 | 1.6 | 4.7 | 5.4 | 6.5 | 16 | 19 | 22 | 26 | 54 | 64 | 76 | 89 | 106 |
| Max. permissible load in a short time kg.cm | 30 | 30 | 100 | 100 | 100 | 300 | 300 | 300 | 300 | 600 | 600 | 600 | 600 | 600 |

PM DC PLANETARY GEAR MOTOR

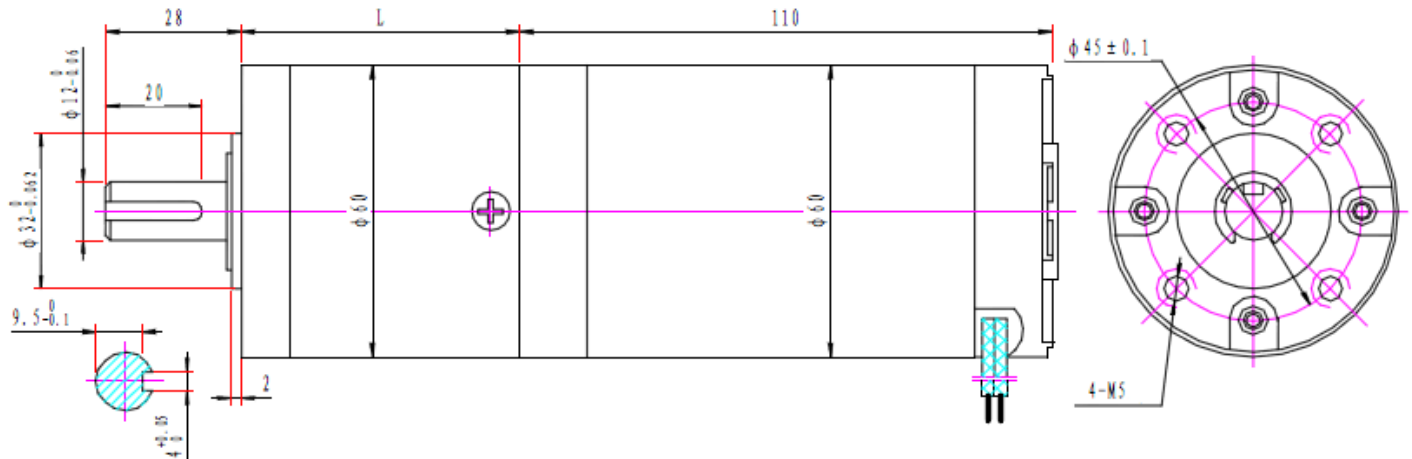
60PXJ300K/DP60105

Product Specification and Usage--

1. Diameter 60MM strengthened type reducer, allows load 300kg.cm
2. Suitable for small diameter, large output equipment and facilities



Dimensions



Motor Technical Data

| TYPE | Rated voltage | No-load speed | No-load current | Rated speed | Rated torque | Output power | Rated current | Stall torque | Stall current |
|--------------|---------------|---------------|-----------------|-------------|--------------|--------------|---------------|--------------|---------------|
| | VDC | r/min | A | r/min | g.cm | W | A | g.cm | A |
| DP60105-2420 | 24 | 2000 | 0.32 | 1550 | 1250 | 20 | 1.6 | 5.5 | 6.0 |
| DP60105-2430 | 24 | 3000 | 0.4 | 2500 | 1200 | 30 | 2.2 | 7.2 | 10.8 |

Gear motor Technical Data

Complete model of configuration DP60105-2420 motor : 60PXJ300K□G12/DP60105-2420 (□Fill in reduction ratio)

| Reduction ratio | 3.6 | 4.25 | 13 | 15 | 18 | 47 | 55 | 65 | 76 | 168 | 198 | 234 | 276 | 326 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 57.5 | 57.5 | 57.5 | 57.5 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| No-load speed r/min | 555 | 470 | 154 | 133 | 111 | 42 | 36 | 30 | 26 | 12 | 10 | 8.5 | 7.2 | 6.1 |
| Rated speed r/min | 430 | 365 | 119 | 103 | 86 | 33 | 28 | 24 | 20 | 9.2 | 7.8 | 6.6 | 5.6 | 4.7 |
| Rated torque kg.cm | 4.3 | 5.0 | 14 | 17 | 20 | 50 | 58 | 73 | 81 | 170 | 200 | 237 | 279 | 300 |
| Max. permissible load in a short time kg.cm | 30 | 30 | 100 | 100 | 100 | 300 | 300 | 300 | 300 | 600 | 600 | 600 | 600 | 600 |

Complete model of configuration DP60105-2430 motor : 60PXJ300K□G12/DP60105-2430 (□Fill in reduction ratio)

| Reduction ratio | 3.6 | 4.25 | 13 | 15 | 18 | 47 | 55 | 65 | 76 | 168 | 198 | 234 | 276 | 326 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| Number of gear trains | 1 | 1 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 |
| Length(L) mm | 46.0 | 46.0 | 46.0 | 46.0 | 46.0 | 57.5 | 57.5 | 57.5 | 57.5 | 77.0 | 77.0 | 77.0 | 77.0 | 77.0 |
| No-load speed r/min | 833 | 706 | 230 | 200 | 167 | 64 | 54 | 46 | 39 | 18 | 15 | 13 | 11 | 9.2 |
| Rated speed r/min | 694 | 588 | 192 | 167 | 139 | 53 | 45 | 38 | 33 | 15 | 12 | 10 | 9.0 | 7.7 |
| Rated torque kg.cm | 4.1 | 4.8 | 14 | 16 | 19 | 48 | 56 | 66 | 77 | 163 | 192 | 227 | 268 | 300 |
| Max. permissible load in a short time kg.cm | 30 | 30 | 100 | 100 | 100 | 300 | 300 | 300 | 300 | 600 | 600 | 600 | 600 | 600 |

China Electric motor Association

GuangDong M&C Electric Power Co.Ltd

Add:6/f dizhi Building NO.739 Dongfeng Rd.E Guangzhou China P.C.:510080

<http://www.china-electricmotor.com>

E-mail:mc@china-electricmotor.com

Tel:+86 2089660216

Fax:+86 2089660219