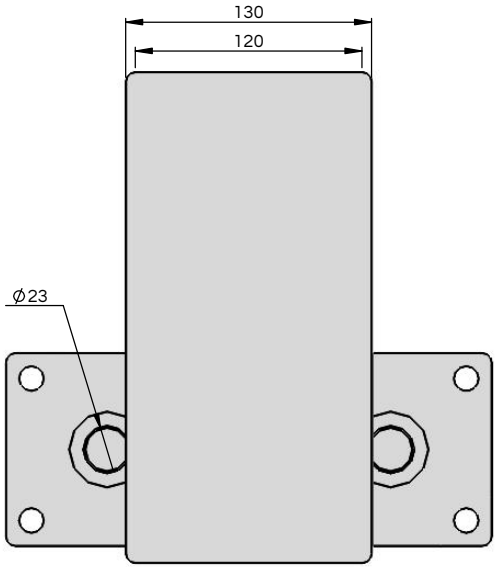
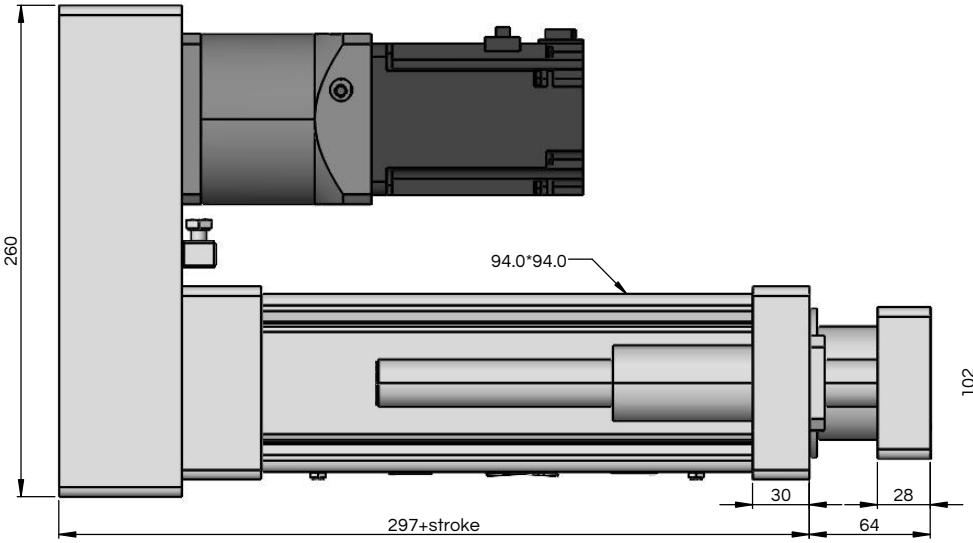
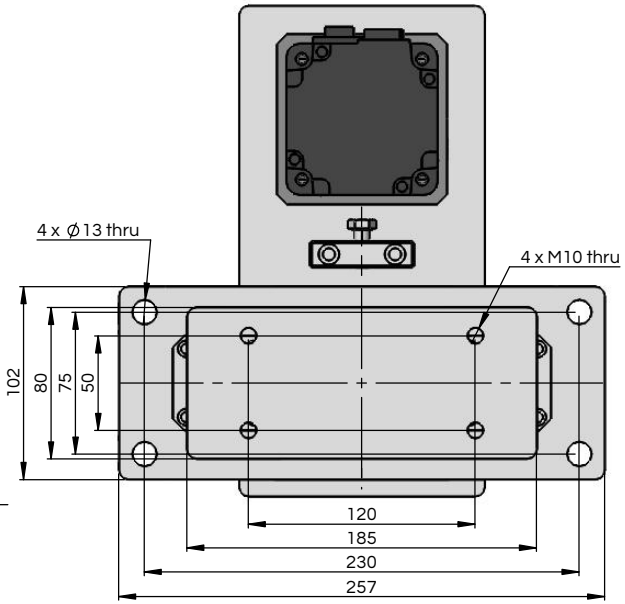
| QDX Front guidance | Stroke（mm） | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Weight（kg） | 15.4 | 17.4 | 19.4 | 21.4 | 23.4 | 25.4 | 27.4 | 29.4 | 31.4 | 33.4 | 35.4 | 37.4 | 39.4 | 41.4 | 43.4 | 45.4 | 47.4 | 49.4 |
| | Select | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ | ☐ |

| Select | Motor Brand |
|---|---|
| ☐ | Panasonic |
| ☐ | Mitsubishi |
| ☐ | Yaskawa |
| ☐ | HCFA |
| ☐ | Delta |
| ☐ | Inovance |



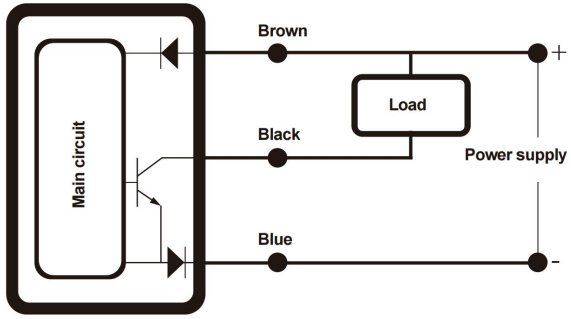



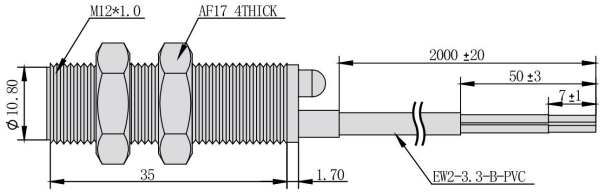

* Performance parameters are based on INOVANCE servo motor specifications.

| Select | Motor Power (W) | Ball Screw Lead (mm) | Gearbox Ratio | Speed (mm/s) | Thrust (kN) |
|---|---|---|---|---|---|
| ☐ | 750 | 10 | - | 500 | 1.275 |
| ☐ | 750 | 20 | - | 1000 | 0.6375 |
| ☐ | 750 | 10 | 3 | 167 | 3.825 |
| ☐ | 750 | 10 | 5 | 100 | 6.375 |
| ☐ | 750 | 10 | 7 | 71 | 8.925 |
| ☐ | 750 | 20 | 3 | 333 | 1.9125 |
| ☐ | 750 | 20 | 5 | 200 | 3.1875 |
| ☐ | 750 | 20 | 7 | 143 | 4.4625 |
| ☐ | 1000 | 10 | - | 500 | 1.7 |
| ☐ | 1000 | 20 | - | 1000 | 0.85 |
| ☐ | 1000 | 10 | 3 | 167 | 5.1 |
| ☐ | 1000 | 10 | 5 | 100 | 8.5 |
| ☐ | 1000 | 10 | 7 | 71 | 11.9 |
| ☐ | 1000 | 20 | 3 | 333 | 2.55 |
| ☐ | 1000 | 20 | 5 | 200 | 4.25 |
| ☐ | 1000 | 20 | 7 | 143 | 5.95 |
| ☐ | 2000 | 10 | - | 500 | 3.4 |
| ☐ | 2000 | 20 | - | 1000 | 1.7 |
| ☐ | 2000 | 10 | 3 | 167 | 10.2 |
| ☐ | 2000 | 10 | 5 | 100 | 17 |
| ☐ | 2000 | 10 | 7 | 71 | 23.8 |
| ☐ | 2000 | 20 | 3 | 333 | 5.1 |
| ☐ | 2000 | 20 | 5 | 200 | 8.5 |
| ☐ | 2000 | 20 | 7 | 143 | 11.9 |

## Sensor layout




## Size diagram of magnetic switch




| Specification | Value |
|---|---|
| Repeated accuracy (mm) | ±0.02 |
| Rated speed of motor (RPM) | 3000 |
| Valid stroke (mm) | 50~1800 |
| Sensor | Magnetic Switch |
| Ball Screw Type | C7 Rolled (Standard)☐ C5 Ground ☐ |
| Max payload (KG) | 3T |

TPA 玖钧传动 Motion Control

| SCALE | UNIT | | Model | EMR-80-MR-QDX | | |
|---|---|---|---|---|---|---|
| 1:X | mm | | Desc | Electric Cylinder | | |
| GENERAL TOLERANCE | | | Surface | Silver anodized | DRN | Tang |
| Up to 6 / 6~30 / 30~120 / 120~300 / 300~600 | | | DWG.NO | C080M013 | CHK | Xu |
| ±0.1 | ±0.2 | ±0.3 ±0.4 ±0.5 | Sheet | 1-1 | APPD | Le |

TPA Motion Control International Co., Limited DATE 17-Jul-26