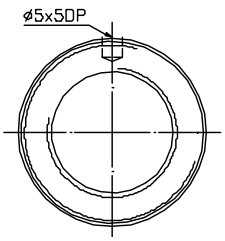
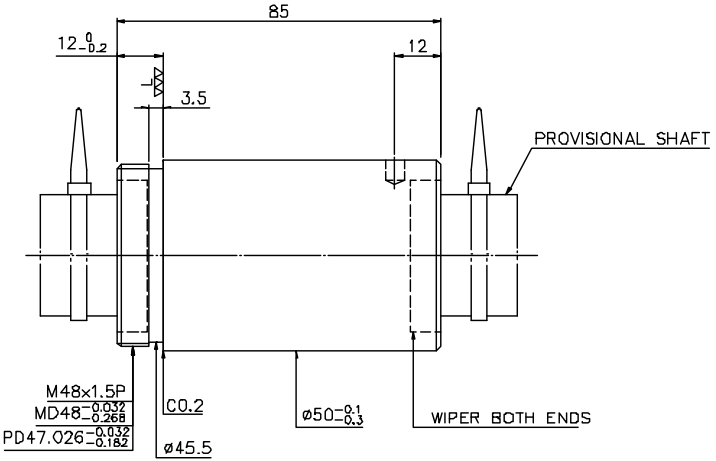
A1141 QB5

Released by HIWIN design group.




NOTE: 1. Steel ball tolerance must be in the range of −0.0025, −0.015 .

2. L : Precision Turning

SPEC: R32-10T4-RSI

| | | | |
|---|---|---|---|
| MAX. AXIAL LOAD (kgf) | | LUBRICATION | |
| MAX. ROTATIONAL SPEED (rpm) | | SPACE BALL | |
| DN VALUE | | E1 TYPE ASSEMBLY METHOD | |
| MAX. FEED RATE (m/min) | | CUSTOMER DRAWING NO. | |
| ACCELERATION (m/sec²) | | CUSTOMER NC TYPE | |
| SUPPORT METHOD | | CUSTOMER AXIAL TYPE | |

| | |
|---|---|
| PRELOAD (kgf) | ~ |
| R.D | − |
| S.F (kgf) | |
| DRAG TORQUE (gf-cm) | |
| DIRECTION OF TURN | R |
| PC DIA. | 34.26 |
| BALL DIA. | 6.35 |
| BACKLASH | 0.03MAX |
| CIRCUIT | 4 |
| LEAD ANGLE | 5.31 |
| DYNAMIC (kgf) | 2900 |
| STATIC (kgf) | 6404 |
| LEAD | 10 |

THREAD LENGTH

E300: −

UNCHAMFERED USE ☐R0.5 ■R1 ☐R

ROUGH M/C 25a FIN M/C 6.3a GRD 0.4a

SCALE 1:X

UNTOL DIMN mm

| UP TO 6 | 6 30 | 30 120 | 120 300 | 300 600 | 600 1200 | 1200 2400 | OVER 2400 |
|---|---|---|---|---|---|---|---|
| ±0.1 | ±0.2 | ±0.3 | ±0.4 | ±0.5 | ±0.6 | ±1.0 | ±1.5 |

HIWIN ® BALLSCREWS

| | | | |
|---|---|---|---|
| MATAL | SH: ROLLED | DATE | 2007.07.16 |
| | NT: SNCM220/SCM415 | DWG | JANET |
| THREAD BALL TRACK HRC 56 ~ 62 | | APPD | M CHELLE |
| | | PROCESS NO. | G |
| CUSTR | H−CHICAGO | | |
| DWG.NO. | A1141 QB5 | | |

*BREAK SHARP EDGE UNLESS OTHER SPECIFIED.
*未註倒角者以R0.5MAX

THREAD END ALLOWS ABOVE LENGTH OUT OF HARDNESS TOLERANCE

| DATE | MODIFICATION | APPROVED |
|---|---|---|
| 2007.07.16 | MOD. 1 | M CHELLE |

* PLEASE IGNORE CHINESE CHARACTERS WHICH ARE FOR OUR REFERENCE ONLY.