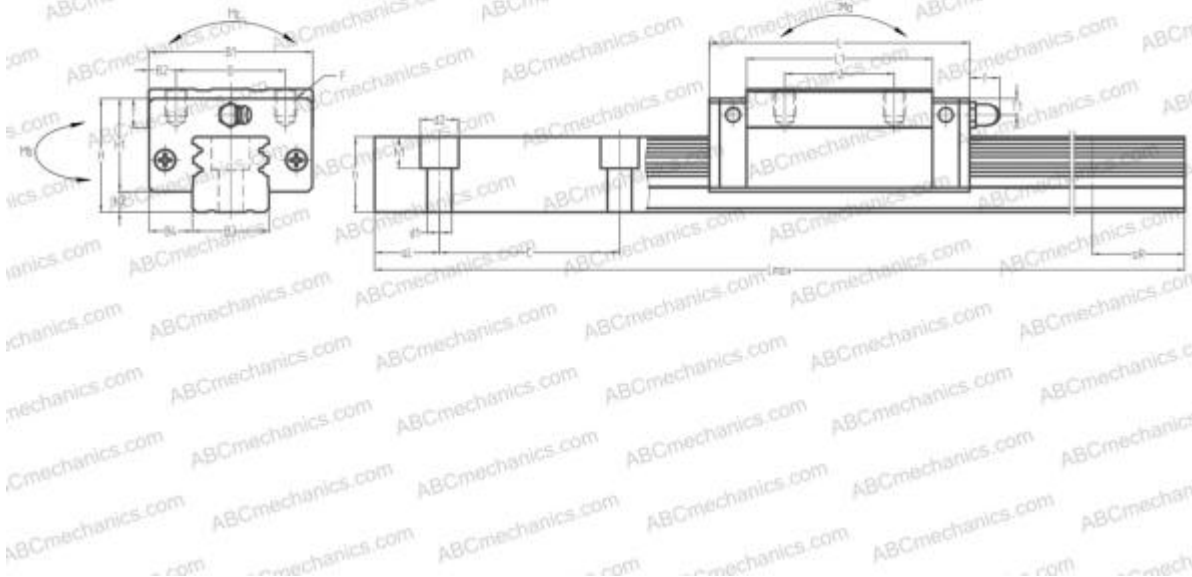


LY45AN NSK

Linear guides

TYPE: Monorail guidance systems, Recirculating balls, Four directional iso-load carrying type, High rigidity type, Square type, High, Ball slide length - standard, Mounting tap



Technical specification

DIMENSIONS, MM

| | |
|----|---------|
| B1 | 86,000 |
| H | 70,000 |
| L | 137,000 |
| B | 60,000 |
| J | 60,000 |
| L1 | 102,000 |
| B2 | 13,000 |
| B3 | 45,000 |
| B4 | 20,500 |
| H1 | 60,000 |
| H2 | 10,000 |
| T | 17,000 |
| T1 | 20,000 |
| f | 13,000 |
| C | 105,000 |

DIMENSIONS, MM

| | |
|-------|------------|
| d1 | 14,000 |
| d2 | 20,000 |
| h | 37,500 |
| h1 | 17,000 |
| L max | 3000,000 |
| aL | 22,500 |
| aR | 22,500 |
| F | M10x1.5x16 |

WEIGHT

| | |
|--------------|--------|
| Slide weight | 3,200 |
| Rail weight | 12,700 |

MANUFACTURER

[NSK](#)

INTERCHANGE

| | |
|-----|------------------------|
| ABC | LY45AN |
| THK | HSR45R |

INTERCHANGE

| | |
|-------|---------------------------|
| IKO | LWHD45..B |
| HIWIN | LGH45CA |
| STAR | 1621-4 |

CALCULATION DATA

| | |
|-------------------------------|------------|
| Basic dynamic load rating, C | 51,500 kN |
| Basic static load rating, Co | 77,500 kN |
| Static permissible moment, Ma | 1,160 kN-m |
| Static permissible moment, Mb | 1,160 kN-m |
| Static permissible moment, Mc | 1,790 kN-m |