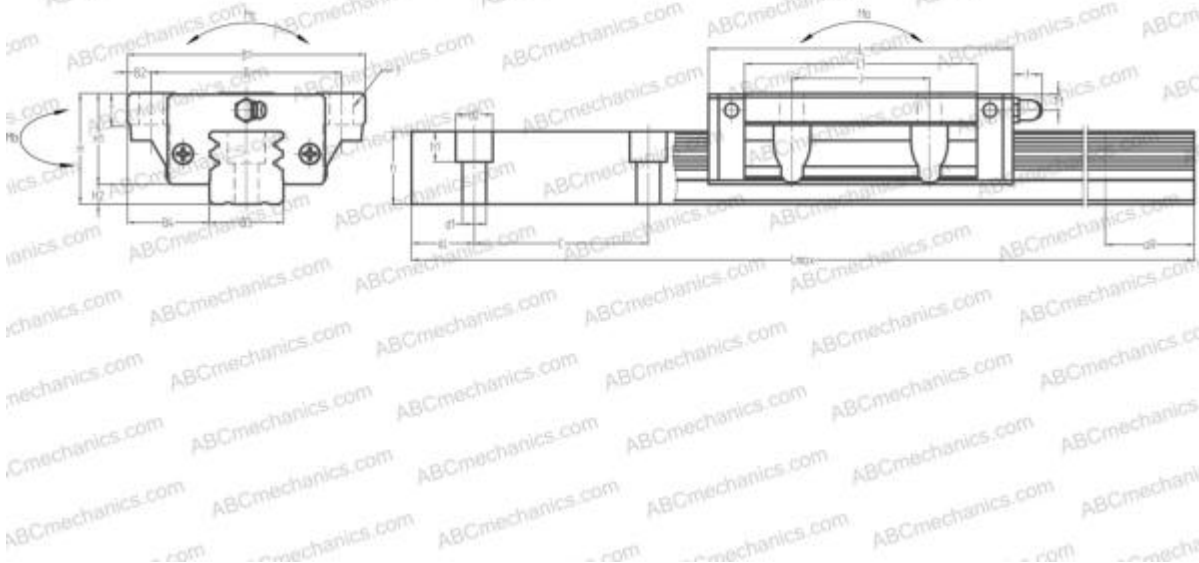


LY55HL NSK

Linear guides

TYPE: Monorail guidance systems, Recirculating balls, Four directional iso-load carrying type, High rigidity type, Flanged type, Low, Ball slide length - long, Mounting bolt hole



Technical specification

DIMENSIONS, MM

| | |
|----|---------|
| B1 | 140,000 |
| H | 70,000 |
| L | 200,000 |
| B | 116,000 |
| J | 95,000 |
| L1 | 160,000 |
| B2 | 12,000 |
| B3 | 53,000 |
| B4 | 43,500 |
| H1 | 57,000 |
| H2 | 13,000 |
| T | 14,000 |
| T1 | 11,000 |
| f | 13,000 |
| C | 120,000 |

DIMENSIONS, MM

| | |
|-------|----------|
| d1 | 16,000 |
| d2 | 23,000 |
| h | 45,000 |
| h1 | 20,000 |
| L max | 3000,000 |
| aL | 30,000 |
| aR | 30,000 |
| F | 14x17 |

WEIGHT

| | |
|--------------|--------|
| Slide weight | 6,100 |
| Rail weight | 17,900 |

MANUFACTURER

[NSK](#)

INTERCHANGE

| | |
|-----|-------------------------|
| ABC | LY55HL |
| THK | HSR55LB |

INTERCHANGE

| | |
|-------|-------------------------|
| IKO | LWHG55 |
| HIWIN | LGW55HB |
| STAR | 1653-5 |

CALCULATION DATA

| | |
|-------------------------------|------------|
| Basic dynamic load rating, C | 99,000 kN |
| Basic static load rating, Co | 154,000 kN |
| Static permissible moment, Ma | 3,400 kN-m |
| Static permissible moment, Mb | 3,400 kN-m |
| Static permissible moment, Mc | 3,400 kN-m |