

LH45GL NSK

Linear guides

TYPE: Monorail guidance systems, Recirculating balls, High vertical load carrying capacity type, Self-aligning type, Flanged type, Low, Ball slide length - long, Mounting tap



Technical specification

DIMENSIONS, MM

| | |
|----|---------|
| B1 | 120,000 |
| H | 60,000 |
| L | 171,000 |
| B | 100,000 |
| J | 80,000 |
| L1 | 137,000 |
| B2 | 10,000 |
| B3 | 45,000 |
| B4 | 37,500 |
| H1 | 46,000 |
| H2 | 14,000 |
| T | 13,000 |
| T1 | 10,000 |
| f | 13,000 |
| C | 105,000 |

DIMENSIONS, MM

| | |
|-------|-------------|
| d1 | 14,000 |
| d2 | 20,000 |
| h | 38,000 |
| h1 | 17,000 |
| L max | 3990,000 |
| aL | 22,500 |
| aR | 22,500 |
| F | M12x1.75x24 |

WEIGHT

| | |
|--------------|--------|
| Slide weight | 3,900 |
| Rail weight | 12,300 |

MANUFACTURER

[NSK](#)

INTERCHANGE

| | |
|-----|-------------------------|
| ABC | LH45GL |
| THK | HSR45LA |

INTERCHANGE

| | |
|---------------------------|----------------------------|
| IKO | LWHTG45 |
| HIWIN | HGW45HA |
| STAR | 1653-4 |
| Rockford Linear Motion | RPG45HAL |
| INA | KUVE45-B-L |
| SCHNEEBERGER | BMB 45 |

CALCULATION DATA

| | |
|-------------------------------|------------|
| Basic dynamic load rating, C | 79,500 kN |
| Basic static load rating, Co | 146,000 kN |
| Static permissible moment, Ma | 2,460 kN-m |
| Static permissible moment, Mb | 2,430 kN-m |
| Static permissible moment, Mc | 2,590 kN-m |

INCLUDED PRODUCTS

LAH45GL