

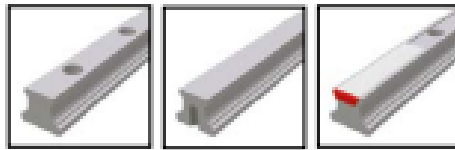
4.2 Technical data and options

BM Size 45



M.R. Bearing Company
Rolling & Sliding Solutions

BM S 45 Dimensions



| | BM S 45-N | BM S 45-MU | BM S 45-C | | | |
|---|-----------|------------|-----------|--|--|--|
| B1: Rail width | 45 | 45 | 45 | | | |
| J1: Rail height | 37 | 37 | 37 | | | |
| L3: Rail length max. | 6000 | 6000 | 6000 | | | |
| L4: Spacing of fixing holes | 105 | 105 | 105 | | | |
| L5L10: Position of first/last fixing hole | 51 | 51 | 51 | | | |
| Gew.: Rail weight, specific (kg/m) | 8.8 | 9.3 | 8.6 | | | |

Available options for BM S 45



BM W 45 Dimensions and capacities



| | BM W 45-A | BM W 45-B | BM W 45-C | BM W 45-D | BM W 45-F | BM W 45-G | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|--|
| A: System height | 60 | 60 | 70 | 70 | 60 | 60 | |
| B: Carriage width | 120 | 120 | 86 | 86 | 86 | 86 | |
| B2: Distance between locating faces | 37.5 | 37.5 | 20.5 | 20.5 | 20.5 | 20.5 | |
| C1: Position of center front lube hole | 8 | 8 | 18 | 18 | 8 | 8 | |
| C2: Position of lateral lube hole | 8 | 8 | 18 | 18 | 8 | 8 | |
| C4: Position of lateral lube hole | 21.1 | 36.8 | 31.1 | 36.8 | 31.1 | 36.8 | |
| C7: Position of top lube hole | 17.1 | 32.8 | 27.1 | 32.8 | 27.1 | 32.8 | |
| J: Carriage height | 50.8 | 50.8 | 60.8 | 60.8 | 50.8 | 50.8 | |
| L: Carriage length | 137.1 | 168.6 | 137.1 | 168.6 | 137.1 | 168.6 | |
| L1: Exterior fixing hole spacing | 80 | 80 | 60 | 80 | 60 | 80 | |
| L2: Interior fixing hole spacing | 60 | 60 | - | - | - | - | |
| L6: Steel body length | 99.1 | 130.6 | 99.1 | 130.6 | 99.1 | 130.6 | |
| N: Lateral fixing hole spacing | 100 | 100 | 60 | 60 | 60 | 60 | |
| O: Reference face height | 10 | 10 | 19 | 19 | 10 | 10 | |

Capacities and weights

| | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--|
| CO: Static load capacity (N) | 134800 | 176300 | 134800 | 176300 | 134800 | 176300 | |
| C100: Dynamic load capacity (N) | 61900 | 74700 | 61900 | 74700 | 61900 | 74700 | |
| M00: Static cross moment capacity (Nm) | 3193 | 4175 | 3193 | 4175 | 3193 | 4175 | |
| MDL: Static longitud. moment capacity (Nm) | 2498 | 4199 | 2498 | 4199 | 2498 | 4199 | |
| M0: Dyn. cross moment capacity (Nm) | 1466 | 1769 | 1466 | 1769 | 1466 | 1769 | |
| ML: Dyn. longitud. moment capacity (Nm) | 1147 | 1779 | 1147 | 1779 | 1147 | 1779 | |
| Gew.: Carriage weight (kg) | 3.3 | 4.2 | 3.3 | 4.3 | 2.7 | 3.5 | |

Available options for BM W 45

