TECHNICAL DATA SHEET

BOSCH REXROTH

R165141420

Ball rail runner block KWD-045-FNS-C1-N-A

PRODUCT PHOTO



General

Material	**Carbon Steel**

Configuration

Format	**FNS (Flanged, Normal length, Standard height)**
Seal	**SS - Standard seal**

Dimensions

Nominal Size	**45 mm**
Height runner block with guide rail	**60 mm**
Pitch T guide rail	**105 mm**
Height of runner block	**50.3 mm**
Length of runner block	**137.6 mm**
Width of runner block	**120 mm**
Dimension B1	**97 mm**

Performance

Preload Class	**C1 (Low preload)**
Accuracy class	**N - Normal**
Dynamic load capacity C100	**86400 N**
Static load capacity C0	**132000 N**
Maximum permissible linear speed vmax	**5 m/s**
Maximum acceleration rate amax	**500 m/s²**
Friction coefficient μ min.	**0.002**

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Performance (continued)

Friction coefficient μ max.	**0.003**
Preload force	**1360 N**

Maintenance

Lubrication	**Pre-lubricated, preserved**

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