TECHNICAL DATA SHEET

BOSCH REXROTH

R165131320

BALL RAIL RUNNER BLOCK KWD-035-FNS-C1-H-1



General Specifications	
Material	**Carbon Steel**

Dimensions	
Nominal Size	**35 mm**
Height of runner block	**40.4 mm**
Height of runner block with guide rail	**48 mm**
Length of runner block	**110.5 mm**
Width of runner block	**100.0 mm**

Design	
Format	**FNS (Flanged, Normal length, Standard height)**
Self-aligning for compensation of misalignments	**Without self-alignment**

Performance	
Preload Class	**C1 - Low preload**
Accuracy Class	**H - Highly accurate**
Friction coefficient μ	**0.002 ... 0.003**

Components	
Seal	**SS – Standard seal**
Ball Chain	**Without ball chain**

Load Capacities	
Static load rating C0	**80900 N**
Dynamic load capacity C100	**51800 N**
Dynamic torsional moment load capacity Mt100	**1110 Nm**

Operating Limits	
Maximum permissible linear speed vmax	**5 m/s**
Permissible ambient temperature	**-10 °C ... +80 °C**

Physical Properties	
Weight	**1.7 kg**

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