



REXROTH PROFILED BALL RAIL – RUNNERBLOCK INTERCHANGE

SIZE 35 SNS – 1622-314-20 (2% Pre-Load) Rail PN: 1605-304-31-XXXX(T1=XX) 4m Max

STANDARD NARROW RUNNER BLOCKS REPLACING THK

DOCUMENT: 14-EVOLUTION-REXROTH-THK-IX-SNS35 (Slimline, Normal, Standard Height)

Rexroth



THK SHS



	Rexroth 1622-314-20	THK SHS35V
Overall Width [mm]	70	70
Rail Width [mm]	34	34
Runner Block Length [mm]	110.5	122
Overall Height [mm]	48	48
Rail Height [mm]	32.15	26
Mounting Hole Spacing (widthwise) [mm]	50	50
Mounting Hole spacing (lengthwise) [mm]	50	50
Number of Mounting Holes	4	4
Rail Hole Spacing [mm]	80	80
Rail Material	Bearing Steel	Steel
Runner Block Material	Bearing Steel	Steel
Dynamic Load Capacity (100 km) [N]	51,800	49,448
Static Load Capacity [N]	80,900	96,600
Dynamic Axial Momnt Capacity (100 km) [Nm]	1,110	783
Static Axial Moment Capacity [Nm]	1,740	1,530
Pitch / Yaw (static) [Nm]	1,130	1,380
Pitch / Yaw (dynamic) [Nm]	720	-

Note: Some products have catalog ratings for a life of 50 km. These have been converted to equivalent figures for 100 km life using industry established conversion factors. In some cases, capacity information from other manufacturers was not available. Best estimates have been included.

There may be other dimensional or performance factors that need to be considered in your application. The above recommendation should only be used as a guide. Data for products by manufacturers other than Evolution Motion Solutions has been extracted from catalogs and websites available to us. No guarantee of accuracy is made. It is the user's responsibility to ensure the suitability of Rexroth products for their application.

