



## REXROTH PROFILED BALL RAIL – RUNNERBLOCK INTERCHANGE

**SIZE 25 SNS – 1622-214-20 (2% Pre-Load)**

**Rail PN: 1605-204-31-XXXX(T1=XX) 4m Max**

**SIZE 25 SNS – 1622-294-20 (0% Pre-Load)**

**Rail PN: 1605-204-31-XXXX(T1=XX) 4m Max**

STANDARD NARROW RUNNER BLOCKS REPLACING THK

DOCUMENT: 12-EVOLUTION-REXROTH-THK-IX-SNS25 (Slimline, Normal, Standard Height)

**Rexroth**



**THK SHS**



	Rexroth 1622-294-20	THK SHS25V
Overall Width [mm]	48	48
Rail Width [mm]	23	23
Runner Block Length [mm]	86.2	92
Overall Height [mm]	36	36
Rail Height [mm]	24.45	20
Mounting Hole Spacing (widthwise) [mm]	35	35
Mounting Hole spacing (lengthwise) [mm]	35	35
Number of Mounting Holes	4	4
Rail Hole Spacing [mm]	60	60
Rail Material	Steel	Steel
Runner Block Material	Steel	Steel
Dynamic Load Capacity (100 km) [N]	28600	25160
Static Load Capacity [N]	35900	52400
Dynamic Axial Momnt Capacity (100 km) [Nm]	410	270
Static Axial Moment Capacity [Nm]	510	563
Pitch / Yaw (static) [Nm]	360	566
Pitch / Yaw (dynamic) [Nm]	290	-

**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.