

 **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-MORRELL-REXROTH-THK-IX-SNS35 (Slimline, Normal, Standard Height)

**Rexroth**



**THK SHS**



	Rexroth 1622-794-20	THK SHS30V
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]	51800	49448
Static Load Capacity [N]	80900	96600
Dynamic Axial Momnt Capacity (100 km) [Nm]	1110	783
Static Axial Moment Capacity [Nm]	1740	1530
Pitch / Yaw (static) [Nm]	1130	1380
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 Morrell 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.