



REXROTH PROFILED BALL RAIL – RUNNERBLOCK INTERCHANGE

SIZE 20 SNS – 1622-894-20 (0% Pre-Load)

Rail PN: 1605-804-31-XXXX(T1=XX) 4m Max

STANDARD NARROW RUNNER BLOCKS REPLACING THK

DOCUMENT: 11-EVOLUTION-REXROTH-THK-IX-SNS20 (Slimline, Normal, Standard Height)

Rexroth



THK SHS



	Rexroth 1622-894-20	THK SHS20V
Overall Width [mm]	44	44
Rail Width [mm]	20	20
Runner Block Length [mm]	75	79
Overall Height [mm]	30	30
Rail Height [mm]	20.75	16.5
Mounting Hole Spacing (widthwise) [mm]	32	32
Mounting Hole spacing (lengthwise) [mm]	36	36
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]	23400	17700
Static Load Capacity [N]	29800	38400
Dynamic Axial Momnt Capacity (100 km) [Nm]	300	166
Static Axial Moment Capacity [Nm]	380	361
Pitch / Yaw (static) [Nm]	260	334
Pitch / Yaw (dynamic) [Nm]	200	-

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.

