



REXROTH PROFILED BALL RAIL – RUNNERBLOCK INTERCHANGE

SIZE 30 SNS – 1622-714-20 (2% Pre-Load) Rail PN: 1605-704-31-XXXX(T1=XX) 4m Max

STANDARD NARROW RUNNER BLOCKS REPLACING THK

DOCUMENT: 13-EVOLUTION-REXROTH-THK-IX-SNS30 (Slimline, Normal, Standard Height)

Rexroth



THK SHS



	Rexroth 1622-794-20	THK SHS30V
Overall Width [mm]	60	60
Rail Width [mm]	28	28
Runner Block Length [mm]	97.7	106
Overall Height [mm]	42	42
Rail Height [mm]	28.55	23
Mounting Hole Spacing (widthwise) [mm]	40	40
Mounting Hole spacing (lengthwise) [mm]	40	40
Number of Mounting Holes	4	4
Rail Hole Spacing [mm]	80	80
Rail Material	Steel	Steel
Runner Block Material	Steel	Steel
Dynamic Load Capacity (100 km) [N]	36,500	35,558
Static Load Capacity [N]	48,100	66,600
Dynamic Axial Momnt Capacity (100 km) [Nm]	630	462
Static Axial Moment Capacity [Nm]	830	865
Pitch / Yaw (static) [Nm]	580	786
Pitch / Yaw (dynamic) [Nm]	440	-

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.