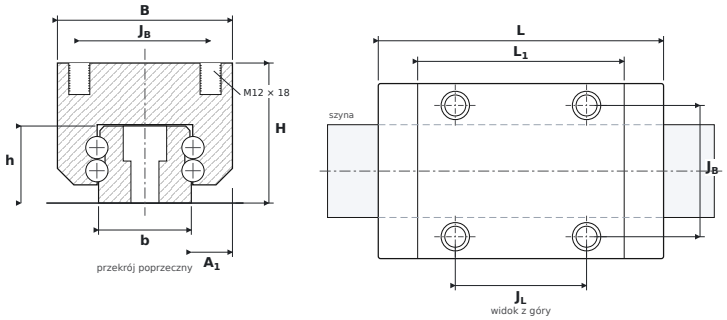
Linear carriage HSR55 RSS THK



DIMENSIONS

B	carriage width	**100 mm**
H	overall height (carriage on rail)	**80 mm**
L	overall carriage length	**163 mm**
L1	body length (without end seals)	**118 mm**
JB	mounting hole spacing — across	**75 mm**
JL	corner hole spacing — along	**75 mm**
A1	rail flank to carriage side	**23.5 mm**
b	rail width	**53 mm**
h	rail height	**44 mm**

SPECIFICATIONS

Manufacturer	**THK**
Manufacturer designation	**HSR55 RSS**
Rolling elements	**four-row ball carriage, full complement**
Basic dynamic load rating C	**88.5 kN**
Basic static load rating C0	**137 kN**
Mass	**4.3 kg**
carriage mounting thread ($G_2 \times T_5$)	**M12 × 18 mm**
matching rail	**HSR55**
static moments M_{0x} / M_{0Y} / M_{0Z}	**2,450 / 2,450 / 3,200 Nm**