

TU 509 MTake-up cast iron housing[®] for insert bearing, ISO



Take-up cast iron housing for insert bearing, ISO

Take-up cast iron housings are non-split housings made of grey cast iron and are designed to provide a high degree of stiffness and accommodate heavy loads acting in different directions. These types of loads are typically encountered in conveyors, roller beds and crushers.

- Stiff housing
- Accommodate heavy radial loads in all directions
- Narrow width

Overview

Dimensions

Spherical seating diameter	85 mm
Housing overall width	49 mm

Properties

Housing type	Take-up
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Technical Specification

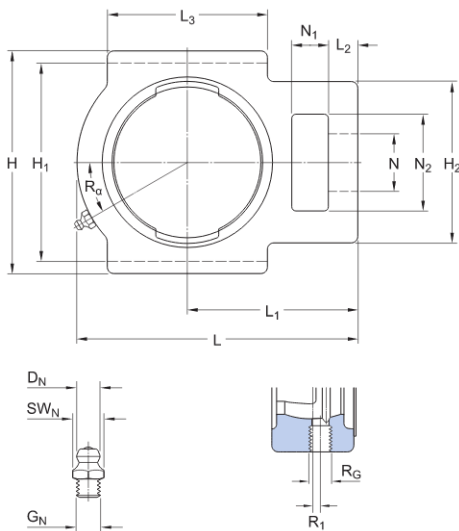
Material

Cast iron



Dimensions

D_a	85 mm	Diameter of spherical seat
A	49 mm	Overall width
A_1	17.5 mm	Width of location slot
A_2	35 mm	Width of flange in which location slot is provided
A_5	24 mm	Standout of end cover
H	117 mm	Overall height
H_1	101 mm	Distance between bottoms of location slot
H_2	83 mm	Height of attachment end
L	144 mm	Overall length
L_1	87 mm	Distance from attachment end face to centre line of spherical seat diameter
L_2	15 mm	Length attachment end
L_3	83 mm	Length of locations slot
N	29 mm	Diameter of attachment bolt hole
N_1	19 mm	Length of attachment slot
N_2	49 mm	Height of attachment slot



Threaded hole

R_G	1/4-28 UNF	Housing thread for the grease fitting
R_1	4.5 mm	Axial position of the housing thread
R_a	30 °	Angular position of the housing thread

Grease fitting

D_N	6.5 mm	Diameter of head sphere of grease fitting
SW	7 mm	Hexagonal key size for the grease fitting
G_N	1/4-28 SAE-LT	Thread of the grease fitting

Mass

Mass housing	1.65 kg
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Associated products

End cover	ECY 209
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