

SKF FYTB 509 M

Oval flanged housing for insert bearings, cast iron

These oval flanged housings for insert bearings are made of grey cast iron and can be bolted with two bolts to a machine wall or frame. They have been developed for bearing arrangements that must operate reliably in difficult environments.



Technical specifications

General	
Material	Cast iron
Dimensions	
Diameter of spherical seat	85 mm
Top external diameter	102 mm
Base external diameter	111 mm
Centering diameter	98.4 mm
Overall width	39 mm
Flange width	14 mm
Axial position of spherical seat (from support surface)	24 mm
Depth of centring recess	3.2 mm
Standout of end cover	26.5 mm
Overall height	178.5 mm
Centre distance between bolt holes	148.5 mm
Overall length	111 mm
Diameter of attachment bolt hole	16 mm
Housing thread for grease fitting	1/4-28 UNF
Axial position of the housing thread	24.5 mm
Angular position of the housing thread	45 °
Diameter of head sphere of grease fitting	6.5 mm
Hexagonal key size for the grease fitting	7 mm
Thread of the grease fitting	1/4-28 SAE-LT
Distance of dowel pins	120.5 mm
Axial offset of dowel pins	18 mm
Recommended diameter for dowel pins	2 mm
Spherical seating diameter	85 mm
Housing overall width	39 mm
Mounting information	
Recommended diameter for attachment bolts, mm	14 mm
Recommended diameter for attachment bolts, inch	0.5625 in
Associated products	
End cover	ECY 209
Properties	
Housing type	Flanged
Flanged housing type	Oval
Number of bolt holes for fasteners	2
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With
Logistics	
Product net weight	1.14 kg

eClass code	23-05-08-02
UNSPSC code	31171536

SKF drawings

