



SKF FY 509 M

Square flanged housing for insert bearings, cast iron

These square flanged housings for insert bearings are made of grey cast iron and can be bolted with four 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	112 mm
Centring diameter	119.1 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
Centre distance between bolt holes	105 mm
Overall length	137 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
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	123 mm
Axial offset of dowel pins	33.5 mm
Recommended diameter for dowel pins	4 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	Square
Number of bolt holes for fasteners	4
Fastening bolt hole type	Plain
Material, housing	Cast iron
Coating	Without
Relubrication hole	With
Grease fitting	With

Logistics	
Product net weight	1.23 kg
eClass code	23-05-08-02
UNSPSC code	31171536

SKF drawings

