



SKF FY 505 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	52 mm
Top external diameter	65 mm
Base external diameter	71 mm
Centring diameter	74.6 mm
Overall width	30 mm
Flange width	12 mm
Axial position of spherical seat (from support surface)	19 mm
Depth of centring recess	3.2 mm
Standout of end cover	20.5 mm
Centre distance between bolt holes	70 mm
Overall length	95 mm
Diameter of attachment bolt hole	11.5 mm
Housing thread for grease fitting	1/4-28 UNF
Axial position of the housing thread	21 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	83 mm
Axial offset of dowel pins	19 mm
Recommended diameter for dowel pins	4 mm
Spherical seating diameter	52 mm
Housing overall width	30 mm

Mounting information	
Recommended diameter for attachment bolts, mm	10 mm
Recommended diameter for attachment bolts, inch	0.375 in

Associated products	
End cover	ECY 205

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

SKF drawings

