



SKF FY 511 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	100 mm
Top external diameter	122 mm
Base external diameter	134 mm
Centring diameter	150.8 mm
Overall width	47.5 mm
Flange width	16 mm
Axial position of spherical seat (from support surface)	31 mm
Depth of centring recess	3.2 mm
Standout of end cover	37.5 mm
Centre distance between bolt holes	130 mm
Overall length	162 mm
Diameter of attachment bolt hole	18 mm
Housing thread for grease fitting	1/4-28 UNF
Axial position of the housing thread	32 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	148 mm
Axial offset of dowel pins	45 mm
Recommended diameter for dowel pins	4 mm
Spherical seating diameter	100 mm
Housing overall width	47.5 mm
Mounting information	
Recommended diameter for attachment bolts, mm	16 mm
Recommended diameter for attachment bolts, inch	0.625 in
Associated products	
End cover	ECY 211
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	2.28 kg
eClass code	23-05-08-02
UNSPSC code	31171536

SKF drawings

