



SKF FYJ 512

Square flanged housing for insert bearings, cast iron, JIS

These square flanged housings for insert bearings are compliant with Japanese Industrial Standards (JIS). They 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	110 mm
Top external diameter	140 mm
Base external diameter	140 mm
Centring diameter	161.9 mm
Overall width	48 mm
Flange width	18 mm
Axial position of spherical seat (from support surface)	29 mm
Depth of centring recess	3.2 mm
Centre distance between bolt holes	143 mm
Overall length	175 mm
Diameter of attachment bolt hole	19 mm
Housing thread for grease fitting	1/4-28 UNF
Axial position of the housing thread	28.5 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	161 mm
Axial offset of dowel pins	49.5 mm
Recommended diameter for dowel pins	4 mm
Spherical seating diameter	110 mm
Housing overall width	48 mm
Mounting information	
Recommended diameter for attachment bolts, mm	16 mm
Recommended diameter for attachment bolts, inch	0.625 in
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	2.7 kg
eClass code	23-05-16-02
UNSPSC code	31171536

SKF drawings

