



SKF FYJ 518

Square flanged housing for insert bearings, cast iron, JIS

These square flanged housings for insert bearings are complaint 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	160 mm
Top external diameter	187 mm
Base external diameter	201 mm
Centring diameter	193.7 mm
Overall width	63.5 mm
Flange width	23 mm
Axial position of spherical seat (from support surface)	40 mm
Depth of centring recess	3.2 mm
Centre distance between bolt holes	187 mm
Overall length	235 mm
Diameter of attachment bolt hole	23 mm
Housing thread for grease fitting	1/4-28 UNF
Axial position of the housing thread	40 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	207 mm
Axial offset of dowel pins	52.5 mm
Recommended diameter for dowel pins	4 mm
Spherical seating diameter	160 mm
Housing overall width	63.5 mm

Mounting information	
Recommended diameter for attachment bolts, mm	20 mm
Recommended diameter for attachment bolts, inch	0.75 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	6.51 kg
eClass code	23-05-16-02
UNSPSC code	31171536

SKF drawings

