



SKF FNL 516 B

FNL cast flanged, non-split housing

FNL cast flanged, non-split housings are well-proven machine parts that provide simple and reliable housing in applications without horizontal frames. They enable the full service life potential of the incorporated bearings to be exploited with less need for maintenance. FNL housings are supplied with a cover either for shaft ends (suffix A) or for through shafts (suffix B). Smaller sizes (up to and including size 13) have a triangular flange, larger sizes have a square flange.

Technical specifications

Dimensions	
Diameter of bearing seat	140 mm
Width of bearing seat	43 mm
Centre height of bearing seat	98 mm
Distance bearing seat to support surface	31 mm
Shaft diameter	70 mm
Base width	79 mm
Foot width	25 mm
Width	110 mm
Outside diameter of housing cover	175 mm
Thread of relubrication holes	1/8-27 NPSF
Height	196 mm
Length	196 mm
Distance of attachment bolts	152 mm
Diameter of attachment bolt hole	18 mm
Position of dowel pin	87 mm
Position of dowel pin	54 mm
Diameter of dowel pins	8 mm
Centre distance between bolt holes	152 mm
Attachment bolt diameter	16 mm
Breaking loads	
Breaking load	150 kN
Breaking load	140 kN
Breaking load	340 kN
Materials	
Housing	Cast iron
Corrosion protection	Paint - in accordance with ISO 12944-2, corrosivity category C2
Mounting information	
Size of cover bolt	M8x25
Recommended tightening torque for cover bolts	24 N·m
Recommended diameter of attachment bolts	16 mm
Recommended tightening torque for attachment bolts	200 N·m
Initial grease fill, 20%	88 g
Initial grease fill, 40%	154 g
Included products	
Grease fitting	AH 1/8-27 PTF
Properties	
Housing type	Flanged
Housing configuration	One-piece
Mounting arrangement	Through shaft
Number of bolt holes for fasteners	4
Material, housing	Cast iron

Bearing housing seal type	Lip seal
Housing lubrication feature/possibility	Grease

Logistics	
Product net weight	10.1 kg
eClass code	23-05-17-02
UNSPSC code	31171519

SKF drawings



