



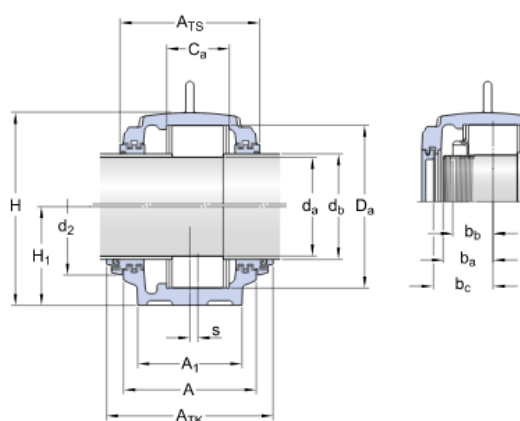
## SNL 3048 + 22240 Large SNL plummer block housings for bearings with a cylindrical bore, with standard seals

Large SNL plummer block housings for bearings with a cylindrical bore, with standard seals

### Technical specification

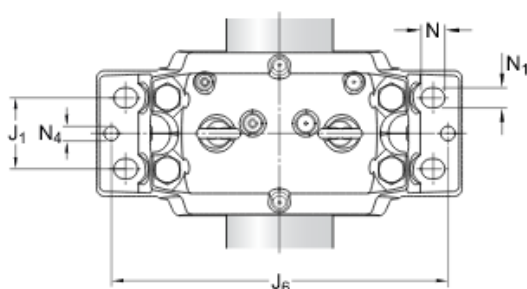
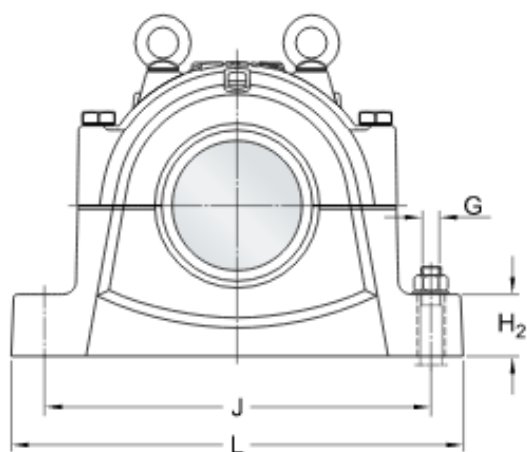
#### ASSOCIATED PRODUCTS

SNL 3048	Housing
2 x TS 48	Labyrinth seal
2 x TK 48	Taconite seal
ETS 48	End cover
22240	Bearing (basic designation)
KM 40	Lock nut
MB 40	Lock washer
2 x FRB 21/360	Locating ring



#### DIMENSIONS

$d_a$	200 mm	Shaft diameter
$d_b$	220 mm	Shaft diameter
$d_2$	350 mm	Diameter across taconite seal
$C_a$	140 mm	Inside space length
$D_a$	360 mm	Spherical seat diameter
$A$	290 mm	Base width



$A_1$	240 mm	Flange width
$A_{T5}$	300 mm	Width across labyrinth seal
$A_{TK}$	395 mm	Width across taconite seal
$H$	434 mm	Complete housing height
$H_1$	220 mm	Spherical seat centre height
$H_2$	90 mm	Foot height
$J$	540 mm	Distance between attachment bolts
$J_1$	140 mm	Distance between attachment bolts
$L$	640 mm	Overall length
$N$	42 mm	Length of attachment bolt hole (radial)
$N_1$	35 mm	Width of attachment bolt hole (axial)
$s$	12 mm	Centreline of "fixed" bearing

#### SHAFT END

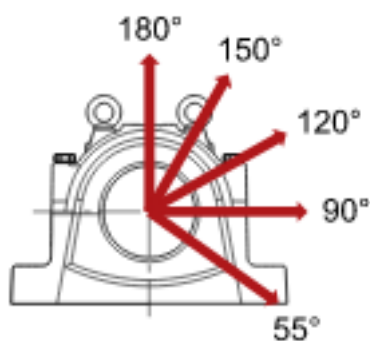
$b_i$ min.	86 mm	Distance bearing centre to shaft end
$b_i$ max.	128 mm	Distance bearing centre to shaft end
$b_j$	81 mm	Distance bearing centre to shaft end
$b_l$	133.5 mm	Distance bearing centre to shaft end

#### DOWEL PINS

$J_6$	590 mm	Distance between dowel pins
$N_i$ max.	20 mm	Diameter of dowel pins

#### BREAKING LOADS, HOUSING

$P_{0^\circ}$	3 100 kN	Breaking loads
$P_{55^\circ}$	4 000 kN	Breaking loads
$P_{90^\circ}$	1 900 kN	Breaking loads
$P_{12^\circ}$	1 400 kN	Breaking loads
$P_{15^\circ}$	1 300 kN	Breaking loads
$P_{18^\circ}$	1 600 kN	Breaking loads



$P_a$  1 000 kN

Breaking loads

#### YIELD POINT, CAP BOLTS

$Q$  1 800 kN

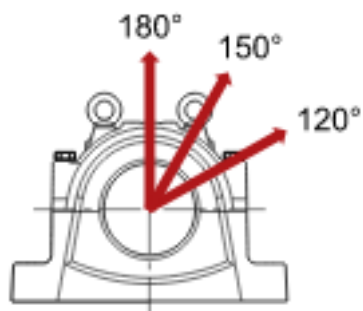
Load carrying ability for cap bolts

$Q$  1 040 kN

Load carrying ability for cap bolts

$Q$  900 kN

Load carrying ability for cap bolts



#### MASS

139 kg

Mass housing

#### MOUNTING INFORMATION

M 24x160

Cap bolt, size

350 N·m

G

30 mm

1 310 N·m

2 x M 20

Eye bolt, size

1.8 kg

3 kg

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