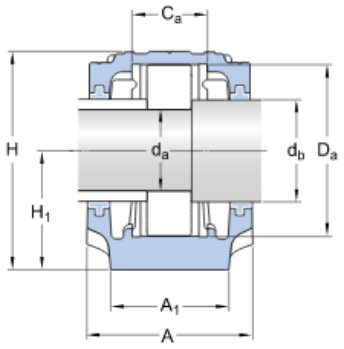
SNL 524-620 + 22224

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

Technical specification

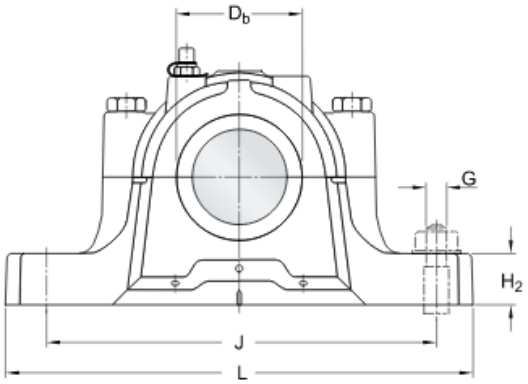
APPROPRIATE PRODUCTS

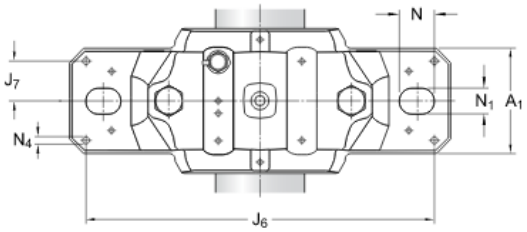
Bearing (basic designation)	22224
Lock nut	KM 24
Lock washer	MB 24
Locating ring	2 x FRB 14/215



DIMENSIONS

d_a	120 mm
d_b	135 mm
C_a	86 mm
D_a	215 mm
D_b	157.5 mm
A	185 mm
A_1	120 mm
H	271 mm
H_1	140 mm
H_2	45 mm
J	350 mm
L	410 mm
N	32 mm





N_1	26 mm

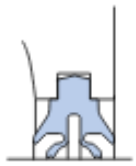
DOWEL PINS

J_6	378 mm
J_7	44 mm
N_4	max. 8 mm

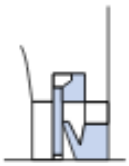
SEAL DIMENSIONS

A_{2L}	199 mm
A_{2T}	267 mm
d_2	234 mm

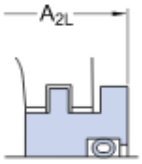
APPROPRIATE SEALS AND END COVER



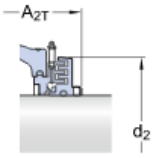
TSN 224 L



TSN 224 A



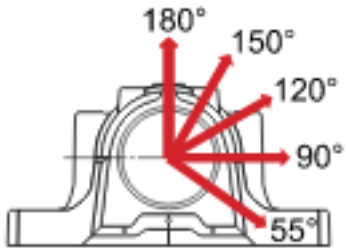
2 x TSN 224 S



2 x TK 224

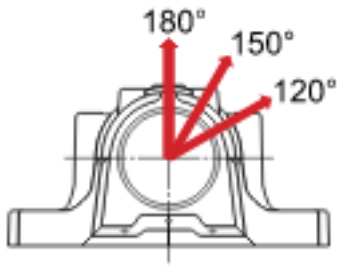


ASNH 524-620



BREAKING LOADS, HOUSING

$P_{0°}$	800 kN
$P_{55°}$	790 kN
$P_{90°}$	470 kN
$P_{120°}$	350 kN
$P_{150°}$	320 kN
$P_{180°}$	400 kN
P_a	260 kN



YIELD POINT, CAP BOLTS

$Q_{120°}$	620 kN
$Q_{150°}$	360 kN
$Q_{180°}$	310 kN

MASS

Mass housing	26.2 kg

MOUNTING INFORMATION

Cap bolt, size		M 20x110
Cap bolt, rec. tightening torque		200 N·m
Appropriate attachment bolt, size	G	24 mm
Appropriate attachment bolt, rec. tightening torque		665 N·m
Initial grease fill, 20%		630 g
Initial grease fill, 40%		1000 g

Eye bolt, size	M 10

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