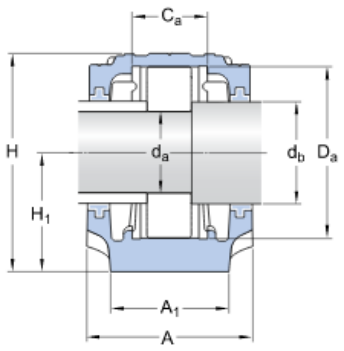
SNL 519-616 + 1316

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

Technical specification

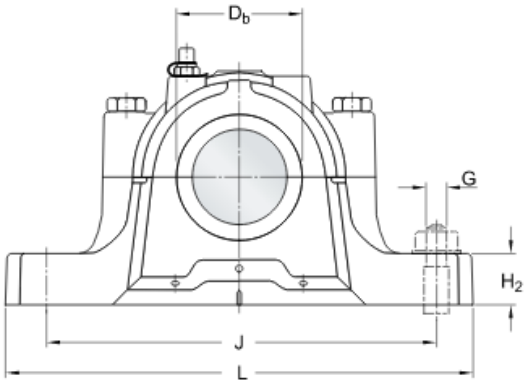
APPROPRIATE PRODUCTS

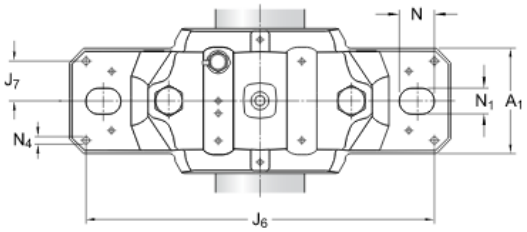
Bearing (basic designation)	1316
Lock nut	KM 16
Lock washer	MB 16
Locating ring	2 x FRB 14.5/170



DIMENSIONS

d_a	80 mm
d_b	90 mm
C_a	68 mm
D_a	170 mm
D_b	131 mm
A	145 mm
A_1	100 mm
H	212 mm
H_1	112 mm
H_2	35 mm
J	290 mm
L	345 mm
N	28 mm





N_1	22 mm

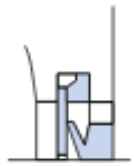
DOWEL PINS

J_6	317 mm
J_7	35 mm
N_4	max. 8 mm

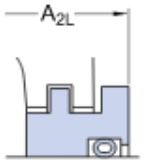
SEAL DIMENSIONS

A_{2L}	163 mm
A_{2T}	217 mm
d_2	172 mm

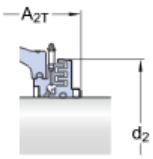
APPROPRIATE SEALS AND END COVER



TSN 316 A



2 x TSN 316 S



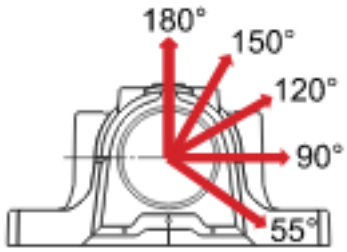
2 x TK 316



ASNH 519-616

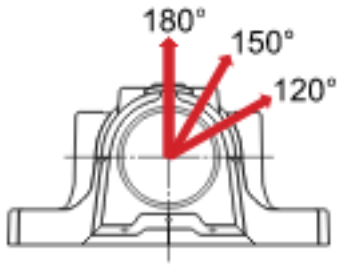
BREAKING LOADS, HOUSING

$P_{0°}$	450 kN
$P_{55°}$	580 kN
$P_{90°}$	350 kN



$P_{120°}$	260 kN
$P_{150°}$	230 kN
$P_{180°}$	290 kN
P_a	190 kN

YIELD POINT, CAP BOLTS



$Q_{120°}$	400 kN
$Q_{150°}$	230 kN
$Q_{180°}$	200 kN

MASS

Mass housing	13.7 kg

MOUNTING INFORMATION

Cap bolt, size		M 16x90
Cap bolt, rec. tightening torque		150 N·m
Appropriate attachment bolt, size	G	20 mm
Appropriate attachment bolt, rec. tightening torque		385 N·m
Initial grease fill, 20%		300 g
Initial grease fill, 40%		480 g

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