



# BROWNING BEARING COMPANY

skf se 509 bearing

Bearing No. se 509

Category	Mounted Units & Inserts
Inventory	0.0
Manufacturer Name	SKF
Minimum Buy Quantity	N/A
UNSPSC	31171519
Weight	2.836
EAN	7316571131627
Product Group	M06288
Bearing (basic designation)	C 2209 K
Locating ring	2 x FRB 3.5/85
$d_a$	40 mm
$C_a$	30 mm
$D_a$	85 mm
$D_b$	56.5 mm
A	85 mm
$A_1$	60 mm
H	109 mm
$H_1$	60 mm
$H_2$	25 mm
J	170 mm
L	205 mm
N	20 mm
$N_1$	15 mm
$J_6$	188 mm
$J_7$	22 mm
$N_4$ max.	6 mm
$A_{2L}$	97 mm
$A_{2T}$	151 mm



## BROWNING BEARING COMPANY

$d_2$	95 mm
$P_0^\circ$	160 kN
$P_{55^\circ}$	230 kN
$P_{90^\circ}$	140 kN
$P_{120^\circ}$	100 kN
$P_{150^\circ}$	90 kN
$P_{180^\circ}$	115 kN
$P_a$	75 kN
$Q_{120^\circ}$	150 kN
$Q_{150^\circ}$	85 kN
$Q_{180^\circ}$	75 kN
Mass housing	3.38 kg
Cap bolt, size	M 10x55
Cap bolt, rec. tightening torque	50 N · m
Appropriate attachment bolt, size G	12 mm
Appropriate attachment bolt, rec. tightening torque	80 N · m
Initial grease fill, 20%	40 g
Initial grease fill, 40%	60 g
Bearing (basic designation)	1209 K
Locating ring	2 x FRB 5.5/85
$d_a$	38.1 mm
$C_a$	30 mm
$D_a$	85 mm
$D_b$	56.5 mm
A	85 mm
$A_1$	60 mm
H	109 mm
$H_1$	60 mm
$H_2$	25 mm
J	170 mm



## BROWNING BEARING COMPANY

L	205 mm
N	20 mm
N <sub>1</sub>	15 mm
J <sub>6</sub>	188 mm
J <sub>7</sub>	22 mm
N <sub>4</sub> max.	6 mm
A <sub>2L</sub>	97 mm
P <sub>0°</sub>	160 kN
P <sub>55°</sub>	230 kN
P <sub>90°</sub>	140 kN
P <sub>120°</sub>	100 kN
P <sub>150°</sub>	90 kN
P <sub>180°</sub>	115 kN
P <sub>a</sub>	75 kN
Q <sub>120°</sub>	150 kN
Q <sub>150°</sub>	85 kN
Q <sub>180°</sub>	75 kN
Mass housing	3.38 kg
Cap bolt, size	M 10x55
Cap bolt, rec. tightening torque	50 N · m
Appropriate attachment bolt, size G	12 mm
Appropriate attachment bolt, rec. tightening torque	80 N · m
Initial grease fill, 20%	40 g
Initial grease fill, 40%	60 g
Bearing (basic designation)	1209 K
Locating ring	2 x FRB 5.5/85
d <sub>a</sub>	36.513 mm
C <sub>a</sub>	30 mm
D <sub>a</sub>	85 mm
D <sub>b</sub>	56.5 mm



## BROWNING BEARING COMPANY

A	85 mm
A <sub>1</sub>	60 mm
H	109 mm
H <sub>1</sub>	60 mm
H <sub>2</sub>	25 mm
J	170 mm
L	205 mm
d <sub>b</sub>	55 mm