

# 11163/11300/Q SKF r<sub>1,2</sub> – min. 0.8 mm 76.2×41.275×18.009mm Tapered roller bearings

Bearing number	11163/11300/Q
Size (mm)	76.2×41.275×18.009
Brand	SKF
Bore Diameter (mm)	76.2
Outer Diameter (mm)	41.275
Width (mm)	18.009
d	41.275 mm
D	76.2 mm
T	18.009 mm
d <sub>1</sub>	58.2 mm
B	17.384 mm
C	14.288 mm
r <sub>1,2</sub> – min.	0.8 mm
r <sub>3,4</sub> – min.	1.5 mm
a	17 mm
d <sub>a</sub> – max.	50 mm
d <sub>b</sub> – min.	46 mm
D <sub>a</sub> – min.	65 mm
D <sub>a</sub> – max.	68 mm
D <sub>b</sub> – min.	71 mm
C <sub>a</sub> – min.	3 mm
C <sub>b</sub> – min.	4.5 mm
r <sub>a</sub> – max.	0.8 mm

$r_b - \text{max.}$	1.5 mm
Basic dynamic load rating – C	45.7 kN
Basic static load rating – $C_0$	56 kN
Fatigue load limit – $P_u$	6.1 kN
Reference speed	6700 r/min
Limiting speed	9500 r/min
Calculation factor – e	0.48
Calculation factor – Y	1.25
Calculation factor – $Y_0$	0.7