

Tapered Roller Bearing

33100 Series-33109/Q

Designation	33109/Q
Principal dimensions [mm]	
d1	45
D	80
B	26
Basic load ratings [kN]	
dyc(Cr)	96.5
stc(Cor)	114
Pu	12.9
Speed ratings [rpm]	
Speed Ratings	6700
Limiting Speed	8000
Weight(Kg)	0.56
ISO335	
Dimensions (ABMA)	3CE
Dimensions [mm]	
d	45
d1	62.7
B	26
C	20.5
r1,2(min)	1.5
r3,4(min)	1.5
a	19
Abutment and fillet dimensions [mm]	
da(max)	52
db(min)	52
Da(min)	69
Da(max)	73
Db(min)	77
Ca(min)	4
Cb(min)	5.5
ra(max)	1.5
rb(max)	1.5
Value	
e	0.37
Y	1.6
Yo	0.9