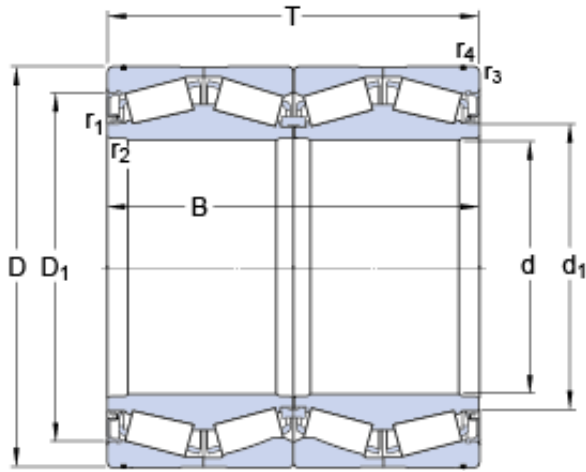




# BEARING CORP.OF AMERICA



431.8 mm x 571.5 mm x 336.55 mm skf  
 BT4-8170 E81/C550 Four-row tapered roller  
 bearings, TQO design

Bearing No. BT4-8170 E81/C550

BT4-8170 E81/C550 Bearing 2D drawings and 3D CAD  
 models

Design variant/feature	TQOSN/GWSI
d	431.8 mm
D	571.5 mm
B	336.55 mm
T	336.55 mm
d <sub>1</sub>	461 mm
D <sub>1</sub>	518 mm
r <sub>1,2</sub> min.	1.5 mm
r <sub>3,4</sub> min.	3.3 mm
Basic dynamic load rating C	5850 kN
Basic static load rating C <sub>0</sub>	13400 kN
Fatigue load limit P <sub>u</sub>	1020 kN
Comparative radial load rating C <sub>F</sub>	1250 kN
Comparative axial load rating C <sub>Fa</sub>	265 kN
Thrust factor K	1.34
Calculation factor e	0.44
Calculation factor Y <sub>1</sub>	1.5
Calculation factor Y <sub>2</sub>	2.3
Calculation factor Y <sub>0</sub>	1.4
Mass bearing	237 kg