

# KOYO SAPF202 bearing units

What is KOYO SAPF202 bearing units in mechanical engineering?  
Manufacturing Service . JW4500 Series Upload your JW4549 Cone  
Part Number CAD file for an instant.

Series	JW4500
Cone Part Number	JW4549
Design Units	METRIC
Cage Type	Stamped Steel
C1 – Dynamic Radial Rating (Two-Row, 1 million revolutions) <sup>1</sup>	46300 lbf
C90(2) – Dynamic Radial Rating (Two-Row, 90 million revolutions) <sup>2</sup>	12000 lbf
d	45.000 mm
B – Cone Width	26.500 mm
WPD	88.8 mm
DD	69 mm
R – Cone Backface To Clear Radius <sup>3</sup>	2.540 mm
da – Cone Frontface Backing Diameter	54 mm
db – Cone Backface Backing Diameter	64 mm
Ab – Cage-Cone Frontface Clearance	3.6 mm
Aa – Cage-Cone Backface Clearance	3.8 mm
a – Effective Center Location <sup>4</sup>	4 mm
C90 – Dynamic Radial Rating (90 million revolutions) <sup>5</sup>	30700 N
C1 – Dynamic Radial Rating (1 million revolutions) <sup>6</sup>	118000 N
C0 – Static Radial Rating	114000 N

Ca90 – Dynamic Thrust Rating (90 million revolutions) <sup>7</sup>	45500 N
K – Factor <sup>8</sup>	0.67
G1 – Heat Generation Factor (Roller-Raceway)	30.7
G2 – Heat Generation Factor (Rib-Roller End)	12.9
Cg – Geometry Factor	0.102