

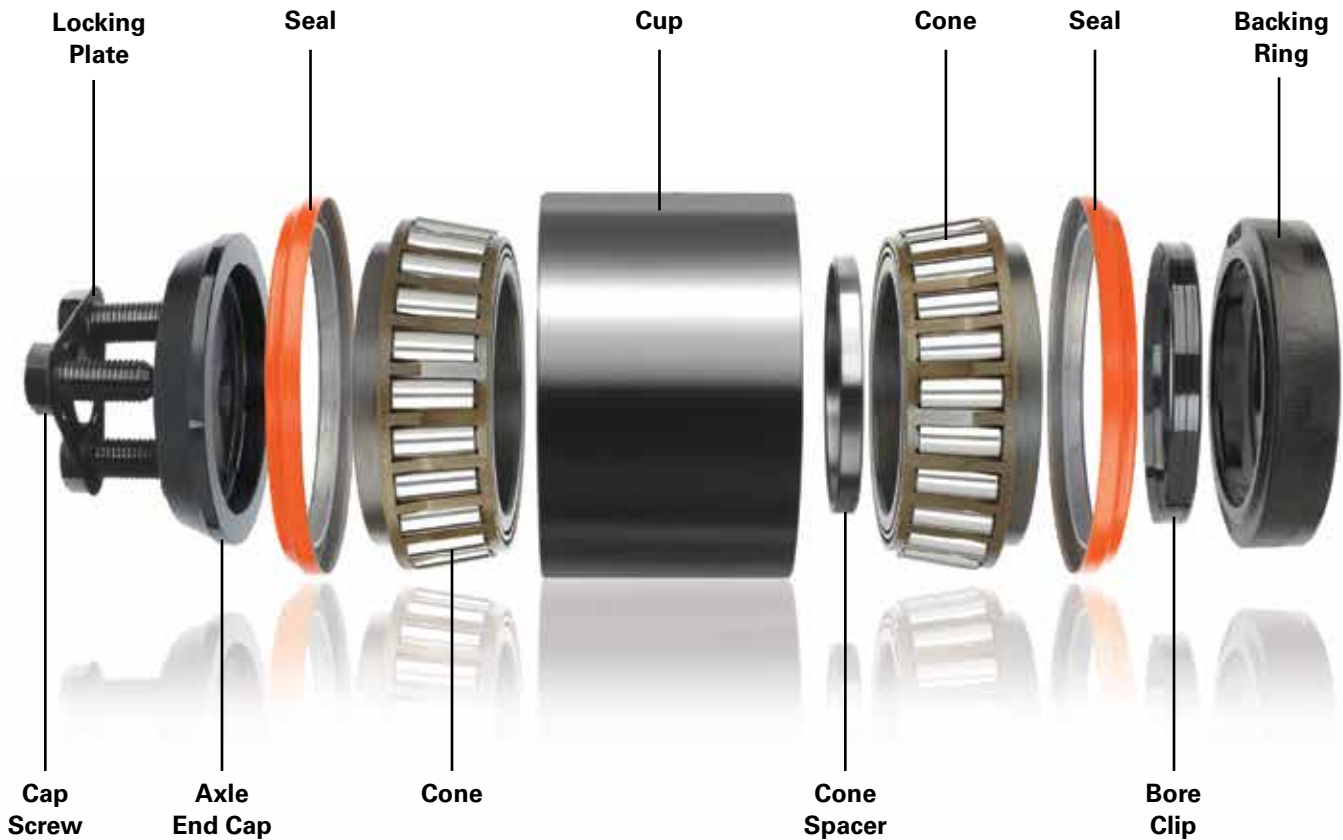
AP-2™ Bearings Size and Dimensional Data

TIMKEN



Class and Size	Car Capacity (Tons)	Bearing Assembly with Steel Cage	Cone Bore	Cup O.D.	Bearing Assembly with Polymer Cage
L (6 X 8)	70	NP891226 90011	5.6870"	8.6564"	–
K (6 1/2 X 9)	100	NP633994 90019	6.1870"	9.8375"	NP633994F 90019
M (7 X 9)	125	NP239427 90011	6.4995"	10.3750"	–

Timken® AP-2™ Bearing Parts, Load and Life Data



Class and Size	Bearing Rating lbs. @ 500 rpm		Load Per Bearing Assembly lbs.	Percent Loading	L10 Life in miles** Application Factor AF=1.0	
	Radial	Thrust			Full Load 100% of Time	Full Load 50% of Time
L (6 X 8)	43,800	11,400	26,250	59.9	*811,400	*1,615,600
K (6 1/2 X 9)	59,700	15,500	■ 34,375	57.6	+1,011,500	+2,015,300
M (7 X 9)	67,200	16,600	38,000	56.5	▲ 1,134,100	▲ 2,261,100

* 33" Diameter wheels, + 36" Diameter wheels, ▲ 38" Diameter wheels

** Multiplying factors – AF 1.5 = 0.26, AF 1.75 = 0.16, AF 2.0 = 0.10

■ 286,000 Pounds gross rail load

TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, belts, gears, chain and related mechanical power transmission products and services.

Stronger. Commitment. Stronger. Value. Stronger. Worldwide. Stronger. Together. | Stronger. By Design.

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