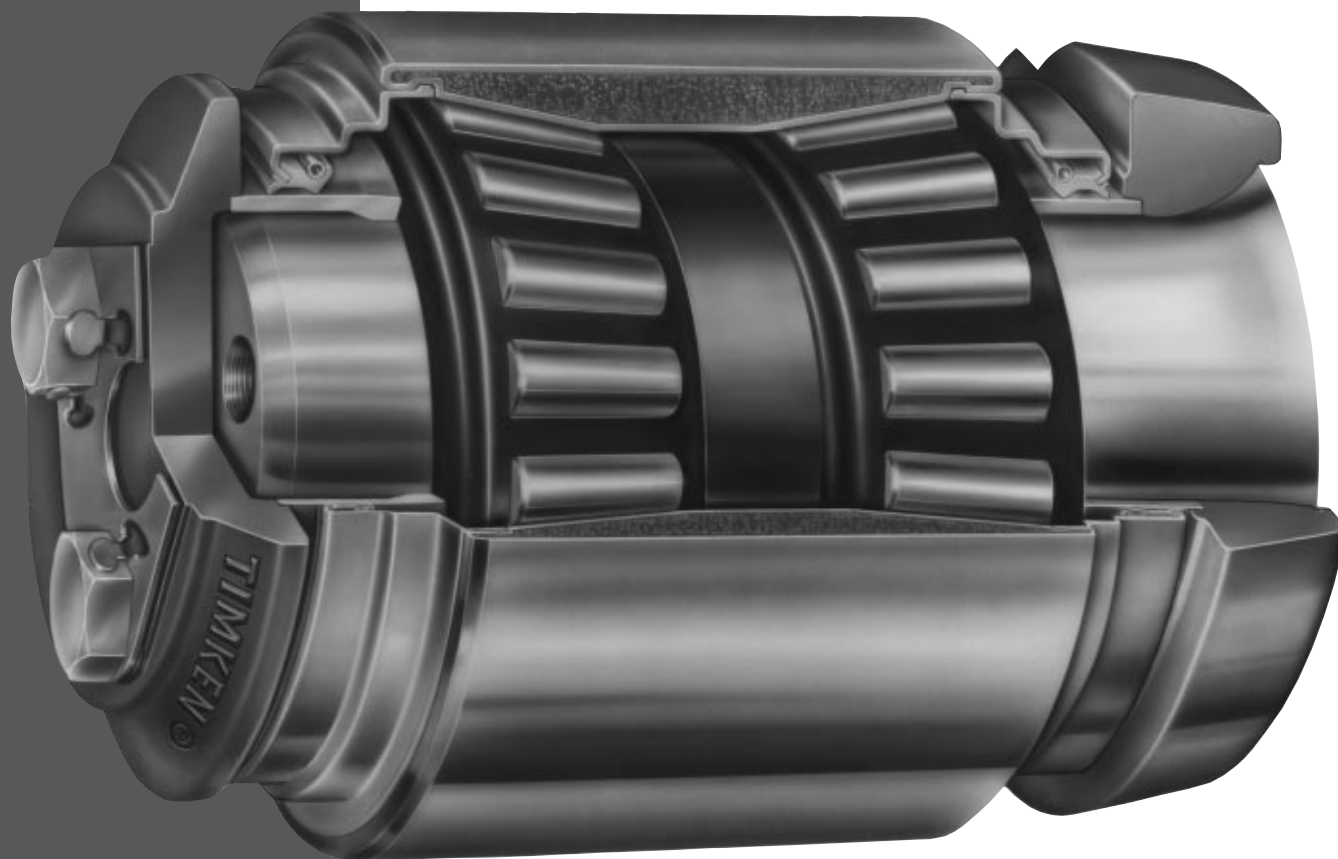


TIMKEN®

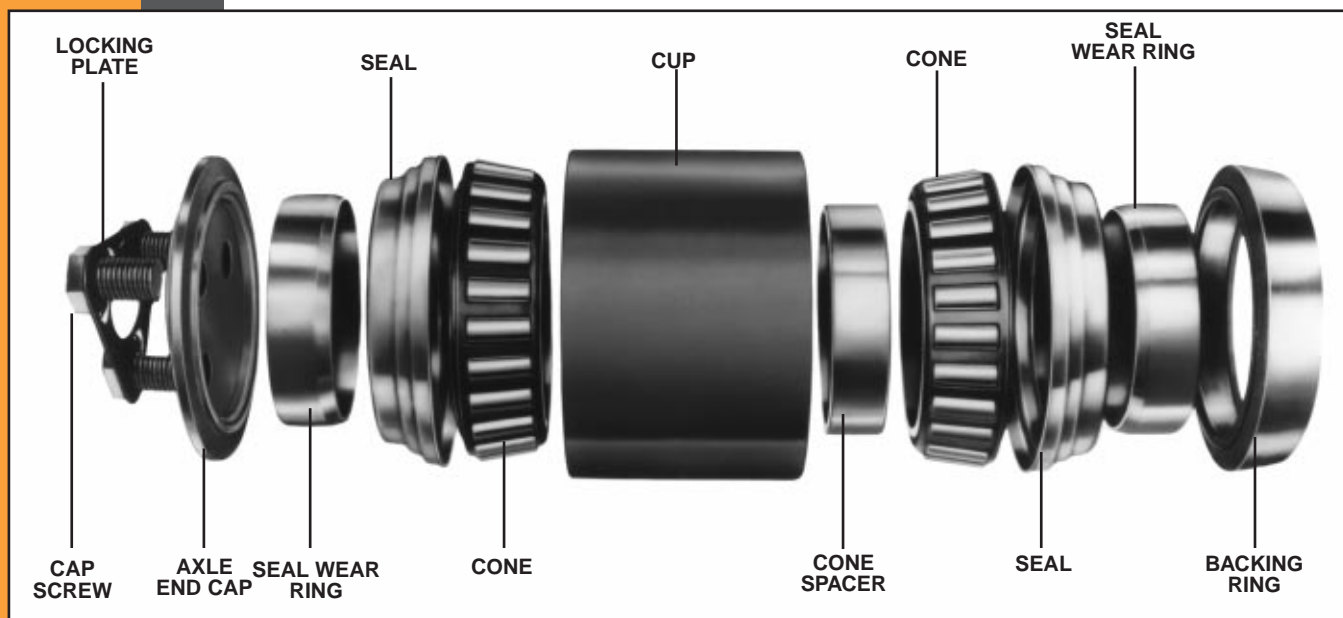
AP™ Bearings Size and Dimensional Data



CLASS AND SIZE	CAR CAPACITY (TONS)	BEARING SERIES	CONE BORE	CUP O.D.
B (4 1/4 X 8)	30	HM120800	4.0000"	6.5000"
C (5 X 9)	40	HM124600	4.6875"	7.6875"
D (5 1/2 X 10)	50	HM127400	5.1870"	8.1875"
E (6 X 11)	70	HM129800	5.6870"	8.6875"
F (6 1/2 X 12)	100	HM133400	6.1870"	9.9375"
G (7 X 12)	125	HM136900	6.9995"	10.8750"
EE	PASSENGER CAR	H432600	5.4995"	10.8780"
			5.9995"	
GG	LOCOMOTIVE	H337800	6.4995"	11.8780"
			6.8745"	

Timken® AP™ 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
B (4 1/4 X 8)	26,900	6,990	12,000	44.6	*2,171,000	*4,182,900
C (5 X 9)	38,600	10,000	16,750	43.4	*2,380,500	*4,709,800
D (5 1/2 X 10)	41,800	10,900	21,000	50.2	*1,460,900	*2,906,900
E (6 X 11)	43,800	11,400	26,250	59.9	*811,400	*1,615,600
F (6 1/2 X 12)	59,700	15,500	■ 31,500	52.8	+1,353,400	+2,698,800
F (6 1/2 X 12)	59,700	15,500	■ 34,375	57.6	+1,011,500	+2,015,300
G (7 X 12)	68,600	17,800	38,000	55.4	▲ 1,214,800	▲ 2,421,900
EE	77,100	28,400	22,500	29.2	+9,745,100	-
GG	87,300	29,700	30,000	34.4	● 6,279,800	-

* 33" DIAMETER WHEELS, + 36" DIAMETER WHEELS, ▲ 38" DIAMETER WHEELS, ● 40" DIAMETER WHEELS

** MULTIPLYING FACTORS - AF 1.5 = 0.26, AF 1.75 = 0.16, AF 2.0 = 0.10

■ 263,000 POUNDS GROSS RAIL LOAD ■ 286,000 POUNDS GROSS RAIL LOAD

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WORLDWIDE LEADER IN BEARINGS AND STEEL