

Recommended Load Ratings

The main parameters for determining proper caster loading are rig arrangements and floor conditions. To provide a guide, eight typical truck or cart arrangements are shown below.

IMPORTANT: Each arrangement shows **LOAD RATING PER WHEEL EXPRESSED AS A PERCENTAGE OF THE TOTAL VEHICLE WEIGHT PLUS LOAD WEIGHT** for both **NORMAL** and **EXTREME** floor conditions.

EXAMPLE: 4000# load and pattern **6** under extreme conditions means each caster and wheel must be able to take 45% of the total load or $4000 \times 45\% = 1800\#$

		NORMAL USE		EXTREME CONDITIONS	
	 	35%	35%	45%	45%
		50%		60%	
Short Vehicle	 	50%	50%	60%	60%
		50%	50%	60%	60%
Long Vehicle	 	35%	35%	45%	45%
		35%	35%	45%	45%
	 	35%		45%	
		50%	50%	60%	60%
		35%		45%	

Precision Bearing Wheels are recommended for ease of rollability, less maintenance and less downtime for lowest cost-in-use.