



Technical

GRADE SUGGESTIONS

DROP PER 10'-0" SECTION			
COMMODITY	WEIGHT (lbs.) OR COMMENT	PLAIN OR DUST-PROOF BEARINGS	GREASE PACKED BEARINGS
CARTONS	1 - 5	9"	---
	5 - 15	7-1/2"	---
	15 - 50	6"	9"
CRATES	20 - 50	5"	7-1/2"
	50 - 100	4-1/2"	6-1/2"
	100 - 250	4"	5"
WOOD CASES	20 - 50	5"	7-1/2"
	50 - 100	4-1/2"	6-1/2"
	100 - 250	4"	5"
TOTE PANS	50 - 100	4"	6-1/2"
	100 - 250	3-1/2"	5"
	250 - 500	3"	4-1/2"
MILK CASES	EMPTY	6"	10"
	FULL	5"	6"
BEVERAGE CASES	EMPTY	6"	---
	FULL	5"	7-1/2"
BARRELS	EMPTY	5"	6-1/2"
	FULL	4"	5"
MILK CANS	EMPTY	6"	10"
	FULL	4-1/2"	6"
BRICK	---	5"	6-1/2"
LUMBER	STD. BOARD	5"	7-1/2"

Grades recommended here are not exact and should be used only to estimate your requirements. Above are intended for average conditions, using proper size rollers for materials handled. Additional grade may be required in some cases. Starting a package from rest on level lines requires a push of approximately 3% of the total load. For heavy loads a pitch of 1/8" per foot will reduce push required. The amount of drop required for 90° curves with 4'-0" inside radius is approximately the same as required per 10'-0" section.