

		Operational Time Ratings at 65% Mean Load Factor			
		Uniformly Distributed Work Periods		Infrequent Work Periods	
Hoist Duty Class	Typical Areas of Application	Max On Time Min/Hour	Max No. Starts/hr.	Max On Time from Cold Start	Max Number Starts
H1	Powerhouse and Utilities, infrequent handling. Hoists used primarily to install and service heavy equipment, loads frequently approach capacity and hoist idle for long periods between use.	7.5 minutes (12.5%)	75	15 minutes	100
H2	Light machine shop fabricating, service and maintenance; loads and utilization randomly distributed; rated loads infrequently handled. Total running time not over 12.5% of the work period.	7.5 minutes (12.5%)	75	15 minutes	100
H3	General machine shop fabricating, assembly, storage, and warehousing; loads and utilization randomly distributed. Total running time not over 25% of work period.	15 minutes (25%)	150	30 minutes	200
H4	High volume handling of heavy loads, frequently near rated load in steel warehousing, machine and fabricating shops, mills, and foundries, with total running time not over 50% of the work period. Manual or automatic cycling operations of lighter loads with rated loads infrequently handled such as in heat treating or plating operations, with total running time frequently 50% of the work period.	30 minutes (50%)	300	30 minutes	300
H5	Bulk handling of material in combination with buckets, magnets, or other heavy attachments. Equipment often cab operated. Duty cycles approaching continuous operation are frequently necessary. User must specify exact details of operation, including weight of attachments.	60 minutes (100%)	600	Not Applicable	Not Applicable