

# CM Lodestar electric chain hoist

The balanced, integrated, proven design of the Lodestar has made it the most popular electric chain hoist in the industry. Lodestar gives you more value for your money including:

- Up to 3 ton capacities for heavy-duty industrial applications
- Gear train lifetime lubricated with non-oxidizing grease
- Precision machined and hardened liftwheel with hardened chain guides for precise chain liftwheel fit
- Gearing designed for exceptionally long life and quiet operation
- H4 duty standard
- Rugged control station (NEMA 4)
- Hoist duty motor, standard Protector overload device and standard screw type limit switches
- Hardened, forged steel, latch type hooks and Hoistaloy load chain for long, dependable service
- Easy to install and maintain
- No special tools required to disassemble
- High reliability and long life
- Designed for greater productivity, efficiency and economy
- Lifetime warranty
- Each hoist thoroughly inspected and tested to over 125% of rated load prior to shipment
- Meets ASME B30.16
- Made in U.S.A.

## Special applications

- Harsh environment hoists available for severe duty of plating, galvanizing and washdown applications
- Hoists with climbing capability available for temporary rigging or lifting applications — must be used in inverted position only
- Hoists with creep control allow precise positioning through field adjustment within the range of approximately 1/16" to 1/2"



**Single reeved**



**Double reeved**



**Triple reeved**

## Specifications — two speed

Rated capacity* (tons)	Standard lift (ft.)	Lift speed (F.P.M.)	Motor H.P.	Model	Reeving	Product code† less suspension		Approximate shipping weight (lbs.)
						230-3-60	460-3-60	
1/8	10	10/32	1/4	A2	1	2707	2708	70
	10	20/60	1/2	AA2	1	2717	2718	74
1/4	10	5/16	1/4	B2	1	2727	2728	70
	10	10/32	1/2	C2	1	2737	2738	74
1/2	10	2.5/8	1/4	E2	2	2747	2748	79
	10	5/16	1/2	F2	1	2757	2758	74
	10	10/32	1	J2	1	3502	3503	116
	10	21/64	2	JJ2	1	3549	3550	130
1	10	2.5/8	1/2	H2	2	2767	2768	83
	10	5/16	1	L2	1	3504	3505	116
	10	10/32	2	LL2	1	3553	3554	130
2	10	2.5/8	1	R2	2	3506	3507	136
	10	5/16	2	RR2	2	3561	3562	150
3	10	1.75/5.5	1	RT2	3	9511	9513	161
	10	3.5/11	2	RRT2	3	9512	9514	175

†Specify voltage 230 or 460

## Specifications — single speed

Rated capacity* (tons)	Standard lift (ft.)	Lift speed (F.P.M.)	Motor H.P.	Model	Reeving	Product code† less suspension		Approximate shipping weight (lbs.)
						115-1-60	230/460-3-60	
1/8	10	32	1/4	A	1	2702	2705	60
	10	60	1/2	AA	1	2712	2715	66
	15	32	1/4	A	1	3101	3103	64
	15	60	1/2	AA	1	3111	3113	70
	20	32	1/4	A	1	3102	3104	68
	20	60	1/2	AA	1	3112	3114	74
1/4	10	16	1/4	B	1	2722	2725	60
	10	32	1/2	C	1	2732	2735	66
	15	16	1/4	B	1	3121	3123	64
	15	32	1/2	C	1	3131	3133	70
	20	16	1/4	B	1	3122	3124	68
	20	32	1/2	C	1	3132	3134	74
1/2	10	8	1/4	E	2	2742	2745	69
	10	16	1/2	F	1	2752	2755	66
	10	32	1	J	1	3512	3515	110
	10	64	2	JJ	1	—	3545	117
	15	8	1/4	E	2	3141	3143	76
	15	16	1/2	F	1	3151	3153	70
	15	32	1	J	1	4212	4214	116
	15	64	2	JJ	1	—	4244	123
	20	8	1/4	E	2	3142	3144	83
	20	16	1/2	F	1	3152	3154	74
1	20	32	1	J	1	4213	4215	121
	20	64	2	JJ	1	—	4245	128
	10	8	1/2	H	2	2762	2765	75
	10	16	1	L	1	3522	3525	110
	10	32	2	LL	1	—	3555	117
	15	8	1/2	H	2	3161	3163	82
	15	16	1	L	1	4222	4224	116
	15	32	2	LL	1	—	4254	123
2	20	8	1/2	H	2	3162	3164	89
	20	16	1	L	1	4223	4225	121
	20	32	2	LL	1	—	4255	128
	10	8	1	R	2	3532	3535	130
	10	16	2	RR	2	—	3565	137
	15	8	1	R	2	4232	4234	140
3	15	16	2	RR	2	—	4264	147
	20	8	1	R	2	4233	4235	150
	20	16	2	RR	2	—	4265	157
	10	5.5	1	RT	3	9501	9505	155
	10	11	2	RRT	3	—	9508	162
	15	5.5	1	RT	3	9502	9506	169
3	15	11	2	RRT	3	—	9509	176
	20	5.5	1	RT	3	9503	9507	183
	20	11	2	RRT	3	—	9510	190

†Single speed hoist factory wired 460V, convertible to 230V.

### \* WARNING

**Overloading and improper use can result in injury.**

**To avoid injury:**

- Do not exceed working load limit, load rating or capacity.
- Do not use to lift people or loads over people.
- Use only alloy chain and attachments for overhead lifting.
- Read and follow all instructions.