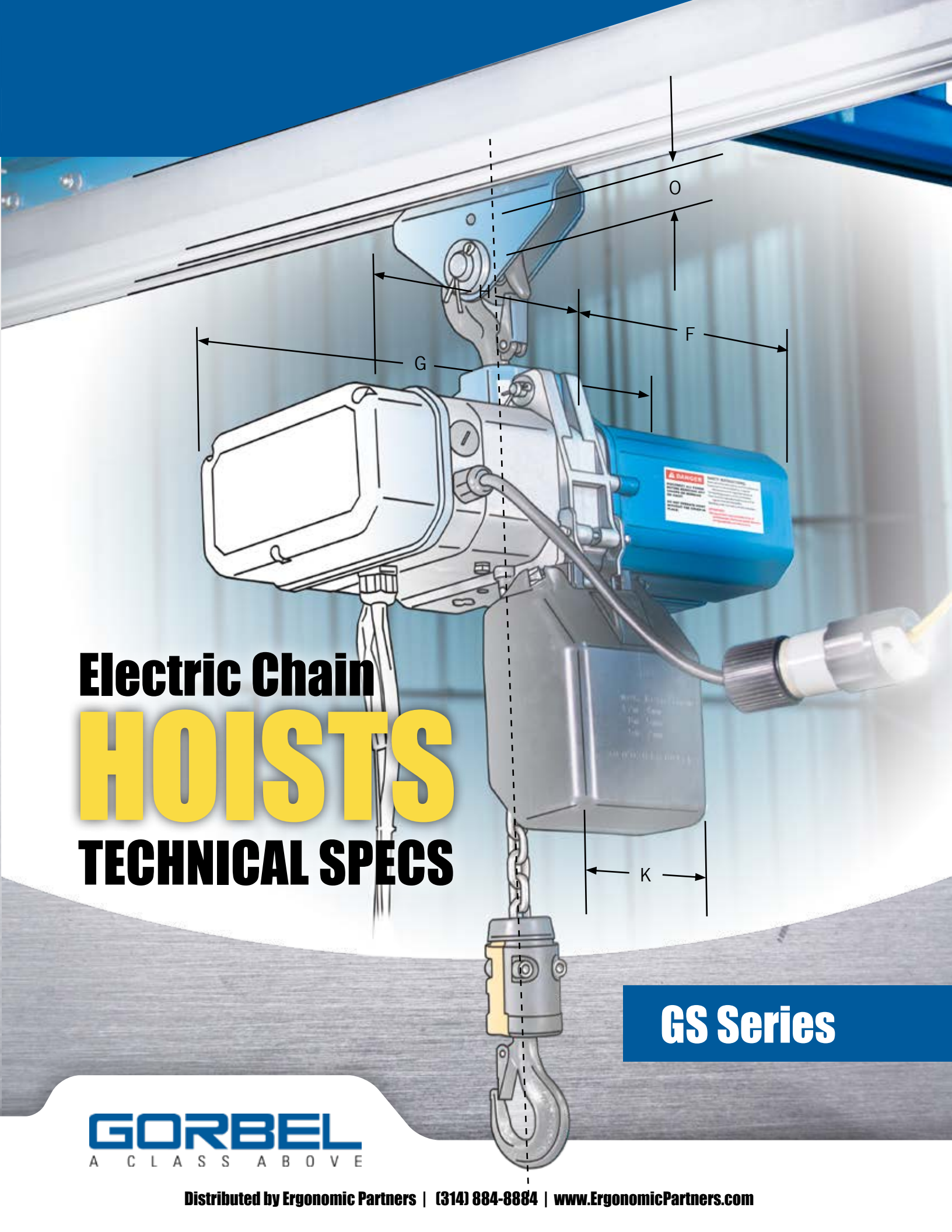




The image shows a technical diagram of a GORBEL electric chain hoist. The hoist is mounted to a ceiling track. A blue motor is connected to a grey gearbox. A chain is attached to the bottom of the gearbox and ends in a hook. A yellow cable is connected to the side of the gearbox. A dashed vertical line runs through the center of the hoist. Callout letters are placed around the hoist: 'O' points to the top mounting bracket, 'F' points to the side of the motor, 'G' points to the side of the gearbox, and 'K' points to the bottom of the gearbox. The text 'Electric Chain HOISTS TECHNICAL SPECS' is overlaid on the left side of the image.

Electric Chain HOISTS TECHNICAL SPECS

GS Series

GORBEL
A CLASS ABOVE

Distributed by Ergonomic Partners | (314) 884-8884 | www.ErgonomicPartners.com

Specs By Speed - Single Speed

Single Speed									
Gorbel Model Number	Capacity	Falls (Reeves)	Lift Speed ft/min	Voltage	Motor HP	Full Load Amps	Body Size	HST Duty Rating	Headroom*
94531	1/8	1	26**	115V	0.87	11	03	H4	14.5
94533	1/4	1	23**	115V	0.87	11	03	H4	14.5
94535	1/2	1	16**	115V	0.87	11	03	H4	14.5
	1	2	8**						
94820	1/8	1	16	230V	0.40	2.16	03	H4	14.5
	1/4	2	8						16.25
94822	1/4	1	16	230V	0.87	2.16	03	H4	14.5
	1/2	2	8						16.25
94804	1/2	1	16	230V	0.6	2.2	03	H4	14.5
	1	2	8						16.25
94806	1	1	16	230V	1.22	1.9	07	H4	17.06
	2	2	8						21.06
94520	1/8	1	16	460V	0.59	1.1	03	H4	14.5
	1/4	2	8						16.25
94522	1/4	1	16	460V	0.87	1.1	03	H4	14.5
	1/2	2	8						16.25
94504	1/2	1	16	460V	0.6	1.1	03	H4	14.5
	1	2	8						16.25
94506	1	1	16	460V	1.22	1.9	07	H4	17.06
	2	2	8						21.06
* Dimensions shown are with the Single Hole Suspension Plate and do not include the chain bag. **Load Dependent Speed- speed is shown at capacity but can travel faster at lighter loads									

Specs By Speed - Dual Speed

Dual Speed									
Gorbel Model Number	Capacity	Falls (Reeves)	Lift Speed ft/min	Voltage	Motor HP	Full Load Amps	Body Size	HST Duty Rating	Headroom*
94872	1/8	1	32, 8	230V	0.52	2.68	03	H4	14.50
	1/4	2	16, 4						16.25
94873	1/4	1	32, 8	230V	0.64	2.35	03	H4	14.50
	1/2	2	16, 4						16.25
94852	1/2	1	32, 8	230V	1.50	4.20	07	H4	17.06
	1	2	16, 4						21.06
94856	1	1	24, 6	230V	1.77	5.20	07	H4	17.06
	2	2	12, 3						21.06
94861	1	1	32, 8	230V	2.94	9.30	09	H4	21.56
	2	2	16, 4						25.19
94874	1 1/2	1	24, 6	230V	4.89	15.00	09	H4	21.56
	3	2	12, 3						25.19
94864	2	1	32, 8	230V	4.89	7.10	11	H4	24.06
	4	2	16, 4						29.13
94865	2 1/2	1	40, 10	230V	7.07	27.80	11	H4	24.06
	5	2	20, 5						29.13
94572	1/8	1	32, 8	460V	0.52	1.28	03	H4	14.50
	1/4	2	16, 4						16.25
94573	1/4	1	32, 8	460V	0.64	1.68	03	H4	14.50
	1/2	2	16, 4						16.25
94552	1/2	1	32, 8	460V	1.50	2.00	07	H4	17.06
	1	2	16, 4						21.06
94556	1	1	24, 6	460V	1.77	3.70	07	H4	17.06
	2	2	12, 3						21.06
94557	1	1	32, 8	460V	2.94	5.40	09	H4	21.56
	2	2	16, 4						25.19
94574	1 1/2	1	24, 6	460V	4.89	7.15	09	H4	21.56
	3	2	12, 3						25.19
94564	2	1	32, 8	460V	4.89	7.10	11	H4	24.06
	4	2	16, 4						29.13
94565	2 1/2	1	40, 10	460V	7.07	16.00	11	H4	24.06
	5	2	20, 5						29.13
* Dimensions shown are with the Single Hole Suspension Plate and do not include the chain bag.									

Specs By Speed - Dual Speed (North American Certification Available)

Dual Speed - North American Certification Available									
Gorbel Model Number	Capacity	Falls (Reeves)	Lift Speed ft/min	Voltage	Motor HP	Full Load Amps	Body Size	HST Duty Rating	Headroom*
94880	1/8	1	32, 8	230V	0.51	2.68	03	H4	14.50
	1/4	2	16, 4						16.25
94882	1/4	1	32, 8	230V	0.64	2.35	03	H4	14.50
	1/2	2	16, 4						16.25
94875	1/2	1	48, 12	230V	1.77	6.20	07	H4	17.06
	1	2	24, 6						21.06
94881	1	1	32, 8	230V	2.94	9.30	09	H4	21.56
	2	2	16, 4						25.19
94876	1	1	24, 6	230V	1.77	5.20	07	H4	17.06
	2	2	12, 3						21.06
94884	1 1/2	1	24, 6	230V	4.89	15.00	09	H4	21.56
	3	2	12, 3						25.19
94885	2 1/2	1	40, 10	230V	7.07	27.80	11	H4	24.06
	5	2	20, 5						29.13
94553	1/2	1	32, 8	460V	1.50	2.00	07	H4	17.06
	1	2	16, 4						21.06
94558	1	1	32, 8	460V	2.94	5.40	09	H4	21.56
	2	2	16, 4						25.19
94554	1/2	1	32, 8	575V	1.5	2.2	07	H4	17.06
	1	2	16, 4						21.06
94559	1	1	32, 8	575V	2.94	3.7	09	H4	21.56
	2	2	16, 4						25.19
94566	2 1/2	1	40, 10	575V	7.07	8.80	11	H4	24.06
	5	2	20, 5						29.13
* Dimensions shown are with the Single Hole Suspension Plate and do not include the chain bag.									

Motorized and Manual Trolley

Gorbel P/N	Trolley Width	Capacity (lbs)	Min. Beam Width (in)	Max. Beam Width (in)	Assembled Trolley P/N	Compatible Hoist Bodies	Speed ft/min
Motorized Single Speed 460-3-60	S	1000	1.97	4.17	95100	03	63
		4000	2.60	5.31	95102	07	63
		4000	2.60	5.31	95102-030	030/54	63
		7000	3.23	6.10	95104	09	31
	S1	1000	4.33	7.87	95110	03	63
		4000	5.39	8.46	95112	07	63
		4000	5.39	8.46	95112-030	030/54	63
		7000	5.39	8.46	95114	09	31
	S2	1000	8.24	11.81	95120	03	63
		4000	8.66	11.81	95122	07	63
		4000	8.66	11.81	95122-030	030/54	63
		7000	8.66	11.81	95124	09	31
Motorized Two Speed 460-3-60	S	1000	1.97	4.17	95130	03	31
		4000	2.60	5.31	95132	07	19,78
		4000	2.60	5.31	95132-030	030/54	19,78
		7000	3.23	6.10	95134	09	19,78
		12000	3.23	6.10	95136	11	16,63
	S1	1000	4.33	7.87	95140	03	19,78
		4000	5.39	8.46	95142	07	19,78
		4000	5.39	8.46	95142-030	030/54	19,78
		7000	5.39	8.46	95144	09	19,78
		12000	6.30	8.90	95146	11	16,63
	S2	1000	8.24	11.81	95150	03	31
		4000	8.66	11.81	95152	07	19,78
		4000	8.66	11.81	95152-030	030/54	19,78
		7000	8.66	11.81	95154	09	19,78
		12000	9.06	12.20	95156	11	16,63
Manual Push	S	1000	1.97	4.17	95160	03	NA
		4000	2.60	5.31	95162	07	NA
		4000	2.60	5.31	95162-030	030/54	NA
		7000	3.23	6.10	95164	11	NA
	S1	1000	4.33	7.87	95170	03	NA
		4000	5.39	8.46	95172	07	NA
		4000	5.39	8.46	95172-030	030/54	NA
		7000	5.39	8.46	95174	09	NA
	S2	1000	8.24	11.81	95180	03	NA
		4000	8.66	11.81	95182	07	NA
		4000	8.66	11.81	95182-030	030/54	NA
		7000	8.66	11.81	95184	09	NA
Manual, Geared	S	12000	3.23	6.10	95200	11	NA
	S1	12000	6.30	8.90	95210	11	NA
	S2	12000	9.06	12.20	95230	11	NA

Dimensions and Suspensions

Dimensions (inches)	Hoist Size / # of Falls (Reeves)							
	03		05/07		09		11	
	1	2	1	2	1	2	1	2
A Single Hole Plate	14.50	16.25	17.06	21.06	21.00	25.19	24.06*	29.13
A Rigid Upper Hook	17.31	19.13	19.69	23.69	24.25	28.44	28.81	33.88
A TROLLEY (Double hole suspension)	16.13	17.88	18.13	22.06	21.56	25.81	26.69	31.75
B	0.69	0.69	0.94	0.94	1.31	1.31	1.75	1.75
C	5.88	6.75	6.56	7.88	10.44	10.44	9.19	11.06
D	4.94	4.06	6.38	5.06	7.25	7.25	8.88	7.06
E	1.44	1.44	1.88	1.88	2.31	2.31	2.63	2.63
F	8.69	8.69	10.81	10.81	14.13	14.13	14.44	14.44
G	16.25	16.25	19.94	19.94	25.25	25.25	25.88	25.88
H	7.56	7.56	9.13	9.13	11.13	11.13	11.44	11.44
I	0.50	0.50	0.50	0.50	0.69	0.69	0.88	0.88
J	1.00	0.88	0.88	1.13	1.25	1.50	1.50	1.75
K	6.31	6.31	6.31	6.31	10.25	10.25	10.25	10.25
L	0.75	0.88	0.88	1.13	1.13	1.25	1.19	1.63
M	0.69	0.94	0.94	1.25	1.25	1.56	1.56	2.31
N	0.88	0.88	1.13	1.13	1.19	1.19	1.63	1.63
O	0.94	0.94	1.25	1.25	1.56	1.56	2.31	2.31
P	0.88	0.88	1.13	1.13	1.50	1.50	1.75	1.75
Q	3.69	3.69	3.69	3.69	4.69	4.69	5.50	5.50
R (Max)	17.33	17.33	17.35	17.35	21.03	21.03	22.10	22.10

* When used with Single Hole Suspension Plate p/n 94644, hoist p/n 94564 has an "A" dimension of 24.81 inches and a maximum capacity of 2 tons (for use with WSC Loadbar Trolley).

