

## **Traction Data Form**

## **GAL Manufacturing Company LLC**

50 East 153rd Street, Bronx, NY 10451 Phone: (718) 292 9000, Fax: (718) 292 2034

www.gal.com

							_							_							
Internal Use	Data Sheet	Rev	vision #	:			GAL	Estimat	e #:					Date	<b>:</b> :						
Only	GAL Contro	ller	Order	#:			GAL	Door O	der #:					GAL F	ixture	Or	der #:				
						(	CUSTO	OMER	INFO	RMATI	ON										
Company N	Name:								Job	Name	:										
Company A	Address:								Job	Addre	ss:										
<b>Contact Na</b>	me:								Tec	hnical	Con	tact N	am	ie:							
Email:									Em	ail:											
Phone:				Cell:					Pho	ne:					Cell	:					
						E	LEVA	TOR S	PECIF	ICATIO	NS										
Main Line I	Disconnect	t V	oltage	:				VA	СМо	tor Typ	e:			AC				DC			
Phase:			3 Ph/6	60 Hz			Ph/_	H	z Dis	patch T	ype	::		Stan	dard						
Machine Ty	ype:		Geare	d		Gear	less		NO.	TE: See	DD			] Dest	inatio	n	Dispa	tch			
Machine Lo	ocation:		Overh	ead		Base	ment		Sup	plemei	ntal			] Dest	inatio	n	Dispa	tch: L	obby	Boos	st
	[		MRL						Dat	a Form					All	Da	ta Sar	ne As	Car	One	
Car Name:			1:		2:		3:		4:		5:			6:		П	7:		8:		
Simplex (S)	/Group (G	i):														╗					
First Install		_										П			П	寸	Γ	7	1	$\Box$	_
Requested		-														寸			1		_
Car Speed (	•															寸	·		†		
Car Capacit	-															寸	·		†		
Number of	• • •															寸	·		†		
Number of		_	F:	R:	F:	R:	F:	R:	F:	R:	F:	R:		F:	R:	T	F:	R:	F:	R:	
Code of Co		-	2000		2004		200	<u> </u>	200	7	20	009		2010	<u> </u>	╡	2013		201	6	
(ASME/B44			2019		NYC		Oth	er:	_				Ī	Job :	specif	= ica	ations	sent	to G	AL	
,	,							MACH	INE D	ATA				_	•						
Machine:		П	New			Existi				ergenc	v Br	ake:	Т	Rope	e Grip	e e	 er*				
H.W. Job #	•										•		Ē	_	-	-	pende	ent Br	ake		
Roping:			1:1			2:1							F	_			Brake				
	Ī		Other	:		_							Ī	=	•		e Clan				
No. of Mai	n Brakes:			No. c	of Em.	Brake	s:						F	=	ard Br						
Brake Pick									_ V Em∘	ergenc	v Br	ake Pi	ck '								٧
Brake Hold										ergenc	•										- V
Brake Resis										ergenc	-									Ohr	_
								MOT													
Motor:			New			Existi	ing			tor Bra	nd:										
H.W. Job #	•						8		_	tor End		r Bv:	T	GAL		_		Othe	rs		_
	Motor		1:		2:		3:		4:		5:		_	6:			<b>7</b> :	0 0.110	8:		
Motor Fred									_		_   -					=					_
Motor RPM																					
Motor Hors																					
Motor Volt	-																				
Motor Curr																					
Motor Acce		**																			
Motor Acce																					
Motor Toro																					
** Required	•	255	applic	ation	NI	)TF: Δ	pplica	ation-9	pecif	c moto	or da	ata mi	st l	he for	ward	ed	with	this d	OCUM	nent	
	a . o. bearie		~~~~	J. C. O. I	1 11	, \	~~c		P-011					01		_ ~	30.011		- 0011		

**GAL Manufacturing Company LLC** 

DC Motor	1:	2:		3:	4:	5:		6:	7:		8:				
Motor RPM															
Arm. Full Load Voltag	e														
Arm. Full Load Curren	nt														
Motor Horsepower															
Full Field Voltage															
Weak Field Voltage															
Standby Field Voltage	•														
Field Resistance															
Field Current															
Field Conn. (S, P, S/P)															
Motor Blower	115 VAC		115 VI	OC .	Phase:			1 Phase	Curr	ent:					
Voltage:	230 VAC		230 VI	OC .				3 Phase			А				
				DRIVE INFO	ORMATION										
Drive Type:	KEB		Magne	etek M1000	Motor Ener	gv	П	Non-Regen							
NOTE: DSD/Quattro	Quattro Cu	be =	Quattr		Dissipation	· ·	$\overline{\Box}$	Regen							
are regenerative	Quattro DO		DSD					Regen with	DBR	on Em.	Power				
				LINE CONI	DITIONING										
Iso. Transfomer :	By GAL		Others		Contact Na	me:									
Isolation Transfomer					Contact Pho										
Drop Ship Address:					Contact Em										
Over Current	By GAL		By Oth	ners	Line F		1	ine Reactor		Load	Reactor				
Protection Device:	None (only	availa	•		Motor to Co						Ft.				
Trotection Device.		avana	bic iii c		CTOR	Jitti Olici	<i>D</i> 13	tunec			· · · ·				
Selector Type:	Absolute P	nsition	ing Syst		Mounting (	Δ <b>D</b> S) ·	П	Standard*	Т	Corne	er Post				
	Tapeless	Jaition	illig Jysi	tem	Magnets (T		H	On Rail*		Floor					
Weather Resist		Podu	cod Str	oke Buffer				Distance (Ta	_ nolo		Ft.				
vveather itesist		Incuu	ceu str		CY POWER	Control	ici	Distance (18	рете	33)	1				
Emergency Gen	erator	Inter	group	LIVILINGLIA	Intergroup	M	act.	er Grp Car N	ames						
Emergency Power	In Hall	Jiiitei	group		Configurati			p Car Name		·					
l		T:40 C		d Ctation	Comigurati			•							
Switch Location:	In Remote							p Car Names							
Emergency Pow	•	•	•					p Car Names		nd	and ath				
NOTE: Powered freigh	t doors requir	e sepa	rate UP			ter group	rec	alls first, fol	lowe	d by 2 <sup>nd</sup>	, 3'", 4"'.				
				SIGNAL	IXTURES										
Fixture Manufacturer					Elevator Of		Щ	In COP		In Hal					
Extended Door					Door Indica		Н	Door Closin	g L	Door	•				
Fire Service Cor	nplete Indica	tor			Indicator Lo	ocation:	Ш	In Car		In Hal	<u> </u>				
[	1				L FIXTURES										
Car Position	MAD Giotto		7		Car PI Total		:_								
Indicator:	MAD Matis		Emotiv	ve	Car Digital	• •		24 VDC		_ 24 VA	vC .				
Ĺ	MAD Raffa	ello*	Vega		Multilight \		H	120 VAC							
Ĺ	Vidatech		3 Char		Front COP 1	-	F	R Car Ca		NOTE	: Main COP				
Ĺ	Digital Bina	ry 📙	French		Front COP 2		F	R Car Ca			ludes Fire				
<u> </u>	Multilight		Other:		Rear COP 1		F	R Car Ca			Service.				
	DL20				Rear COP 2		F	R Car C	alls						
Voice Annunciator:	MAD*		C.E. M	icro Comm	COP Voltag	e:	$\sqsubseteq$	24 VDC*	L	_ 24 VA	vC .				
	Other:							120 VAC							
Car Lantern	24 VDC*		24 VA	C	Car Lantern	1		Chimes*	Car	Lantern					
Voltage:	120 VAC		C.E. M	icro Comm	<b>Audible Sig</b>	nal:		Gongs	Curr	ent:	Α				

<sup>\*:</sup> Suggested, F: Front, R: Rear

**GAL Manufacturing Company LLC Traveling Cable** Top Of Car Box\* **Send COP Boards:** To Fixture Manufacturer\* With Controller Termination: Car Operating Panel By Others Bv GAL\* To Customer Before Controller Car Top Inspection Station: By GAL, Weather Resistant **Handicap Buzzer:** Passing Floor Tone Car Operation: **Attendant Operation** Car Call Acknowledgement Tone Car Switch Operation Qualified by S Button **Auxiliary Fire Switch** With Annunciator Lights Remote Car Call Special Sabbath Service: Standard In-Car Inspection Switch **HALL SIGNAL FIXTURES** C.E. Micro Comm Hall Lantern 24 VAC **Hall Position** MAD Giotto\* 24 VDC\* Indicator: MAD Matisse\* Emotive 24 VDC Serial | 120 VAC Voltage: MAD Raffaello\* Vega C.E. Micro Comm Vidatech 3 Character Hall Lanterns In: All Floors\* Lobby Only Digital Binary French (C.E.) Hall Lantern Chimes\* Hall Lantern Multilight **Audible Signal:** Gongs **Current:** Other: DL20 High Water Input and Reset Hall PI Size: In. **Remote Fire Command Station NOTE: Includes Hall PI Total Amount:** 24 VDC 24 VAC Hall Digital Binary/ Return to Lobby and In/Out of Service Indicators. Doors Closed Multilight Voltage: 120 VAC Return to Lobby w/: Doors Open\* In Service 24 VDC\* 24 VAC **Out of Service** 24 VDC\* 24 VAC Indicator: 120 VAC Indicator: 120 VAC **SECURITY** Car Call Security **Group Car Call Security Hall Security Floor Security** Override Override Secure Override Secure Secure Secure Override One Switch in Security Activation Hall or Lobby One Switch in n/a n/a n/a n/a Car GALileo/Liftnet n/a n/a n/a n/a Other: One Switch per n/a n/a n/a n/a Floor in Car Card Reader Security Access One Switch per Floor in Hall One Switch in Hall or Lobby GALileo/Liftnet n/a n/a n/a n/a

Standard

In Car

Other:

**Hugs Security:** 

In Machine Room Call Sec. Override:

**Push Button Car** 

With Bypass

With Acknowledgement Light

Without Acknowledgement Light

<sup>\*:</sup> Suggested, F: Front, R: Rear

**GAL Manufacturing Company LLC** 

						HOISTWAY	/ FE	ΑT	URES						
Hal	l Calls:		Seria	l 24 V	DC*	Discrete 24 VAC	Nu	ıml	ber of Standar	d Ris	sers	:			
						Discrete 24 VDC	Nu	ıml	per of Swing/I	ncor	nspi	ciou	ıs F	Risers:	
						Discrete 120 VAC			Car(s) on Swi	ng R	iser	ˈs: _			
	Hoistway Ligh	ting	g Pilot	Relay	/ (Fire	Service)			Code Blue					TUGs Service	
	VIP Service				Lobb	y Up Req. Button			MA Emergen	су М	edi	cal		Heliport Service	
						DOOR EC	UIF	PM	ENT						
Do	or Operation:	F	R	Auto	matic		Lig	ht	Curtain/	F		R (	ŝΑI	L*	
		F	R	Auto	matic	with Swing	Ed	ge	Detector:	F		R (	Oth	ner:	
		F	R	Pow	ered F	reight			Narrow Door	, Flo	or(s	s): _			
		F	R	] Man	ual				Heavy Door,	Floo	r(s):	:			
Do	or By GAL:	F	R	MOV	/FR CA	N Bus*			By Others:	F		R (	Otis	s 6970 Standard	
Ор	erator:	F	R	MOV	/FR Sta	indard				F	] [	R	ИΑ	AC/ECI 859N 1000	
		F	R	MON	NXT CA	N Bus*				F	] [	R	HDI	LM	
		F	R	MON	NXT Sta	andard				F	] [	R	Иic	di Supra	
		F	R	MOΝ	/FE CA	N Bus*				F	] [	R	Οον	ver	
		F	R	MOV	/FE Sta	ndard				F		R	Οον	ver Encore	
		F	R	Мос	T					F	] [	R	Sm:	art Tech Door	
		F	R	MOD	)					F	] [	R	<b>۱</b> Τ	400	
		F	R	MON	и/мо	Н				F		R	١M	1D	
		F	R	МОГ	)G					F		R	Oth	ner:	
Do	or Operator	F	R	230	VAC*		Ро	we	ered Freight:	F		_		urion iLearn*	
	tage:	F	R	115 '	VAC				<u> </u>	F		R	Σοι	urion MP	
	iring Cam:	F	R	-	hanica		l			F	: :	R			
	<b>3</b> - 1	F	: =	=						F	: ;	=		elle Wireless	
Ма	de By:	T	GAL			Others	1			F	; ;	=		elle PLC Slave	
	tage:		115 V	/AC		115 VDC	ĺ			F	; ;	=		elle PLC Standard	
			230 V			230 VDC				F	; ;	=		ner:	
Pha	ise:	Ī	1 Pha		Curre	_									
			3 Pha			A	NC	)TE	: Forward non	-GAI	L do	or v	viri	ing diagrams to GAL.	
						MONI	TOR	RIN	G						
GΑ	Lileo		Mach	nine R	oom V	Vork Station*	Lif	tne	t Complete Sy	/ster	n Co	onfi	gui	ration:	
Мо	nitoring:		No. N	/lonito	ors:										
	_						No	. 0	f Locations:						
			Dista	nce b	etwee	n M.R.: Ft.			of Cars:	_					
			On-Si	te Wo	ork Sta	tion									
			Off-S	ite Re	mote '	Work Station	No	. 0	f Computers:						
			On-Si	te Dis	play N	1onitor									
Cer	ntral Monitoring		Liftne	et Con	nplete	System									
Sys	tem:		Liftne	et Inte	rface	·			f Monitors:						
			Liftne	et Soft	tware	Only				r (17	7"/1	9"/	23'	"/Other):	
			1	nterfa		•	L				_				
			1		nterfac	e	Ad	dit	ional Notes:						
			Othe					_							
						MACHINE RC	ON	10	PTIONS						
	Earthquake O	per	ation				T		te Governor		24	VDO	2		
Ì	Power Loss M	•		ke Pi	ck		Set	t/R	eset:		120	O VA	C		

**GAL Manufacturing Company LLC** 

		ADDITION	۸۱ (	ODTIONS	<u> </u>	At Manaracturing company								
Load Weigher:	K Tech	Henning Intf.	T	GFCI Outlet	(120 VΔC)*	Mechanical Limit								
Load Weigher.	Micelect	Emco Vk3V Intf.		Split Cabine		Switches								
	K Tech Intf.	Otis Intf.		Spare Board		Brackets								
	Micelect Intf	=		Car Top Har		Cams								
Load Weigher	Disable Switch	. Dry contacts				ing Interface								
Micelect Rope	3/8"	5/8"	Co	ntrol Cabinet:	Fan	ing interruce								
Diameter:	_	ect No. Ropes:		wer Cabinet:	Dual F	an AC Unit								
		Cross Assignment	+-	Traveling Ca										
Push Button Wiring:		4 Wire	Tra	aveling Cable		rsal Bale Mesh								
Existing Hall	120 VAC	24 VAC	-	ip:	Single									
Call Voltage:	120 VAC	24 VDC	"	.p.	Double	•								
Can voitage.	48 VDC					•								
NOTE: Forward existi	48 VDC Steel Core (Hanging Length >2 Space Restrictions (provide details in notes sec													
NOTE. FOI WAIG EXIST	ing dispatcher w	ADDITIONAL	INF		ictions (prov	nue details in notes section,								
Requirements:		ADDITIONAL		ORMATION										
8 cars per group max	rimum 60 floors	mavimum												
Standard features:		maximam												
	ht anti-nuicano	a independent convice	car	fan and light tir	ner control	door hold input, controller								
cabinet legs, power of		e, ilidepelidelit service,	Cai	ian and light th	nei control,	door noid input, controller								
Cabinet Dimensions:														
		II) 77 27" LL v 42 05" W	/ <sub>V</sub> 1	9 14" D /I arga)	67" LL v /IE E	" M v 16" D /A Sizo, If AC								
	x 10.59 D (Silla	II), //.3/	/ X I	8.14 D (Large),	0/ M X 45.5	5" W x 16" D (A-Size; If AC								
Unit is needed)		N/C	OTES	•										
		INC	) I E	•										

<sup>\*:</sup> Suggested, F: Front, R: Rear

		FLOOR OPE	NING CONFIGURA	ΔΤΙ	)N				<u> </u>	<u> </u>	IVIG	IIu	iac	tur	1118	-	ПР	any	
Floor	Floor	Alternate Floor	Floor	T	<u> </u>				E	loo	rΩ	no	nin	σc					
Number	Label	Label	Height (Ft.)	1:		2:		3:		4:		5:		6:		7:		8:	
Number	Overhead	Label	Height (Ft.)		Ь	F					Ь								<u></u>
30	Overneau			H	-	'	- 1	•	11	-	17		IV	Ľ	- 1	ť	11	H	-11
29				$\vdash$													┢	H	_
				<b> </b>										-			┢	Н	
28				<b> </b>									<u> </u>				┢	$\vdash \vdash$	
27				⊩													┢	Н	
26				<b> </b>										-			₩	H	
25				┡	-								<u> </u>			-	<u> </u>	$\square$	
24		'		<b> </b>													<u> </u>	Ш	
23				L										-			<u> </u>	Ш	
22				╙													<u> </u>	Ш	
21				<u> </u>										<u> </u>			<u> </u>		
20				┕													╙	Ш	
19				<u> </u>													<u> </u>		
18				╙													L	Ш	
17			<b> </b>																
16																			Ĥ.
15				L															
14																			
13				-															
12				-															
11																			
10																			
9																			
8																			
7																			
6																			
5																		П	
4																	T		
3				┢														H	
2																		Н	
1				┢														H	
	Pit	<u> </u>				ΔII	Fre	ont					ΑΙ	l Sa	me	ลร	Cai	<u>——</u> r 1	_
		Total Height	Ft.	1	F	] ]All							]	. • •			-	_	
			Hall Access	1:		2:		3:_		4:_		5:		6:		7:		8:_	
			Switch Location	_	R	F													R
NOTE: All secur	ity types and spec	ial risers selected	Top Access	Ė	Ė	Ė	l ,	H		Ė	Ė	Ė	Ť	Ė	Ė	Ė	Ë	$\vdash$	
		al configurations fill		t	H									$\vdash$		H		H	
	out page 6.	, , , , , , , , , , , , , , , , , , ,	Top Access Floor	T					l		L		1	H		H	<u> </u>	H	
	22.1 2020 0.		Bott. Access Floor	-												H			
			NOTE: Maxi		m r	of tw	VΩ	arr	655	5 514	vitc	h la	ດຕລ	tio	ns r	per	car	<u> </u>	
			NOTES										<i>5</i> 00	2.0	١		Jai		
																			_

30 29 28 27 26 25 24 23 22 21 20 19 18 17	: R	2:		3:		4:_		5:_ F		6:_		<b>7</b> :_	R	<b>8:</b> _	R		all	Flo	oor R	C	ar				R	Ris	ser R	Ri	ser	Bl	ue	F
Number 1: 30 29 28 27 26 25 24 23 22 21 20 19 18 17															R																	
29 28 27 26 25 24 23 22 21 20 19 18 17	- R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	F	R	<u>F</u>
29 28 27 26 25 24 23 22 21 20 19 18 17																																
28 27 26 25 24 23 22 21 20 19 18 17																																
27 26 25 24 23 22 21 20 19 18 17																																
26 25 24 23 22 21 20 19 18 17																																
25 24 23 22 21 20 19 18 17																																
24 23 22 21 20 19 18 17															-																	
23 22 21 20 19 18 17																																
22 21 20 19 18 17																																
21 20 19 18 17																																
20 19 18 17																																
19 18 17			_																													
18 17	-																															
17																																
4.0																																
16																																
15																																
14																																
13																																
12																																
11																																
10																																
9																																
8																																
7																																
6																																
5																																
4																																
3																																
2																																
1																																
	L									<u> </u>			NO	TES	5																	