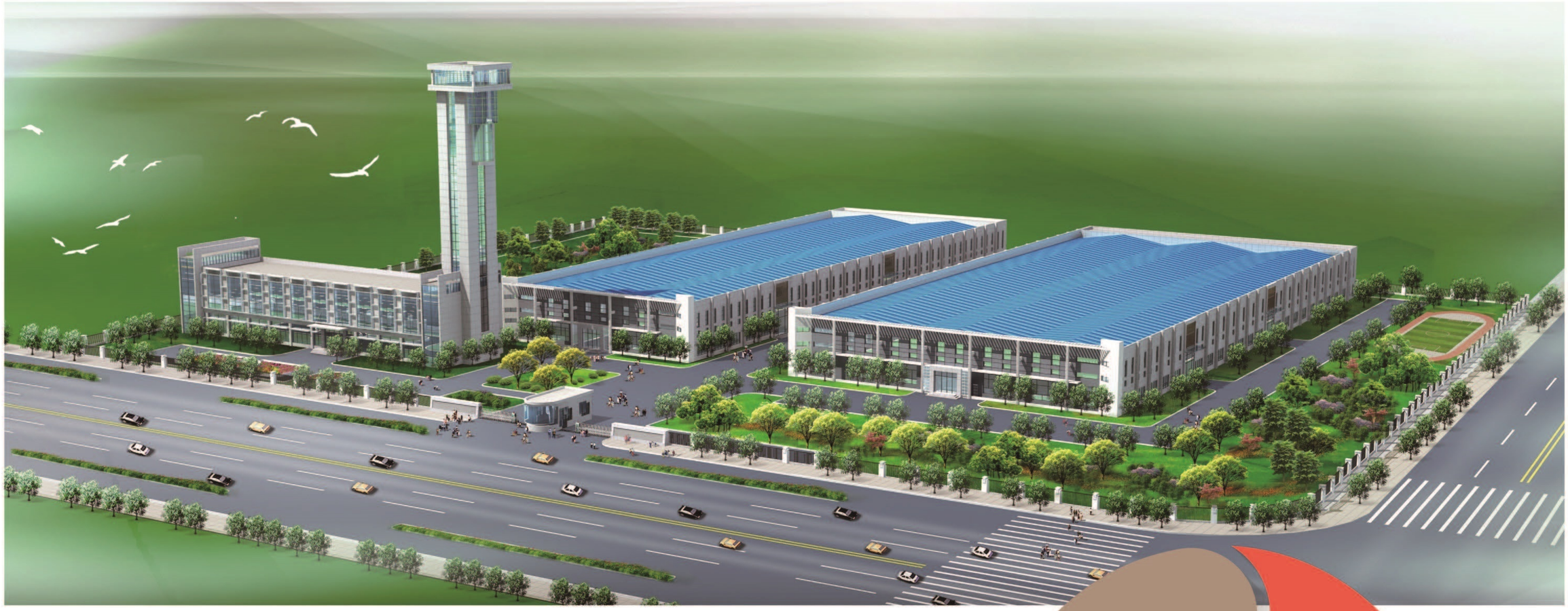
world made ltd

ELEVATOR PARTS SUPPLIER

LIFT MODERNIZATION

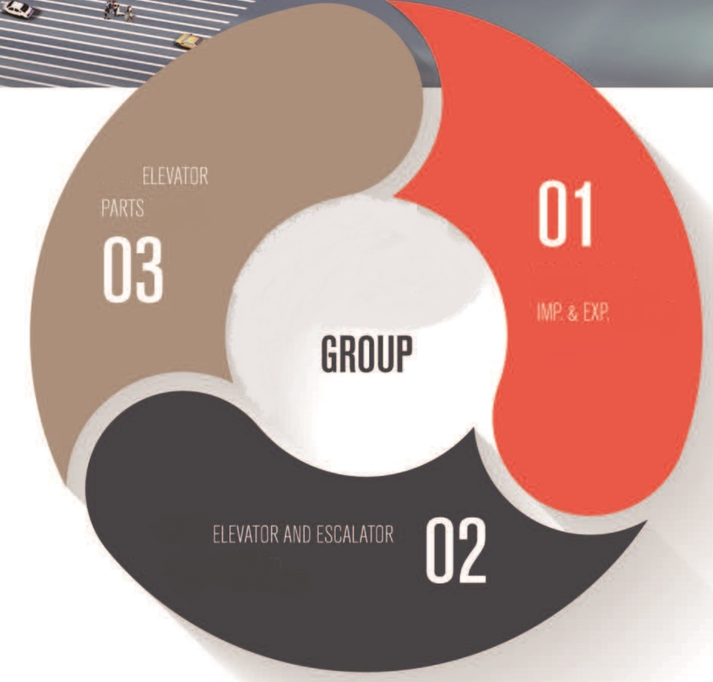
COMPLETE LIFT PACKAGE



We are the modern manufacturer of elevator components, well equipped with advanced machinery capable of producing high quality products including Guide Rail, Cabin, Counterweight, Door System, Electrical System etc. Our more than 10 years of hands-on manufacturing experience have allowed us to steadily fine-tune our production techniques, improving every single process involved and optimizing the fitness of each and every component to the final product. Combining the manufacturing with the trading activities we are in place to supply full range of components for modernization old lifts or complete new lift , while always retaining high quality and reliability.

Our policy is to offer our customers direct and complete support, in terms of materials, components and services provided before and after every sale.

As we move forward, we will continue our commitment to excellence and offer best value for our esteemed customers.

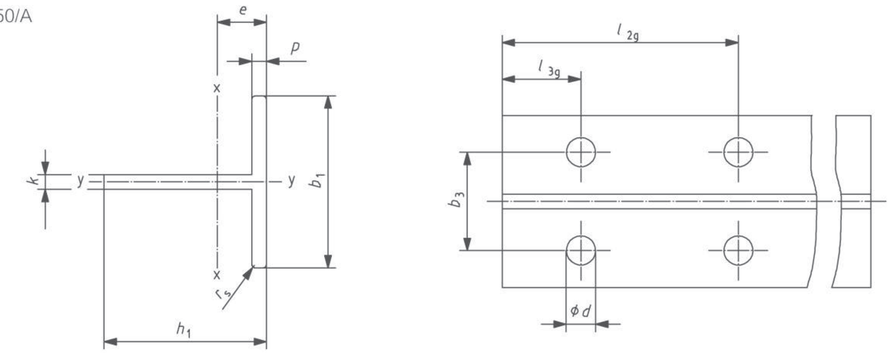


SHAFT COMPONENTS

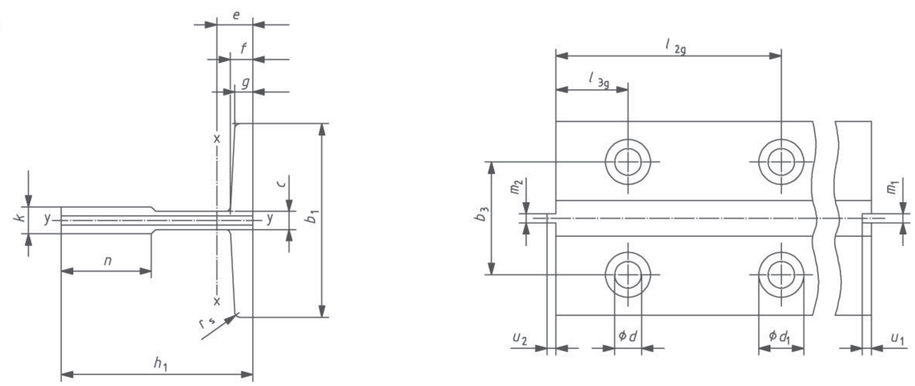
- GUIDE RAIL, FISHPLATE, RAIL CLIP
- ANCHOR BOLT & FASTENER
- RAIL BRACKET

COLD DRAWN GUIDE RAIL

T45/A T50/A



T70/A



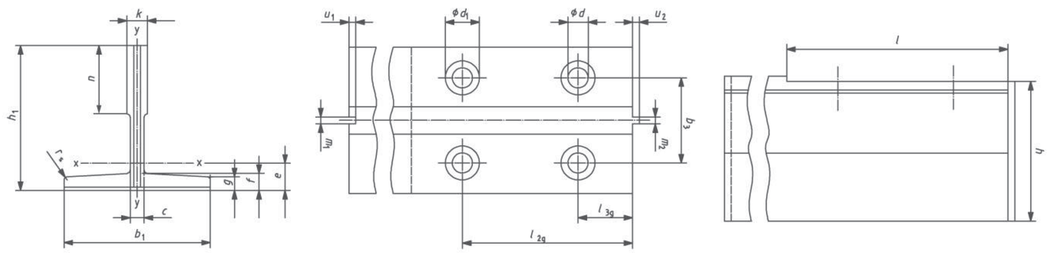
Guide Rails-ISO7465/GB-T22562/2008 (For Elevator Speed ≤ 1m/s)

Dimensions

Type	b_1	h_1	k	p	r_s	l_{2g}	l_{3g}	d	b_3	n	c	f	g	m_1	m_2	u_1	u_2	d	d_1
T45/A	45	45	5	5	1	65	15	9	25	-	-	-	-	-	-	-	-	-	-
T50/A	50	50	5	5	1	75	25	9	30	-	-	-	-	-	-	-	-	-	-
Tolerances	±1	±0.2	±0.15	±0.5	-	±0.2	±0.2	-	±0.2	-	-	-	-	-	-	-	-	-	-
T70/A	70	65	9	-	1.5	105	25	9	42	34	6	6	8	3.00	2.97	3.50	3.00	13	26
Tolerances	±1	±0.1	+0.1/0	-	-	±0.2	±0.2	-	±0.2	+3/0	-	±0.75	±0.75	-	+0.06/0	0/-0.06	±0.10	-	-

Note: Dimensions l_{2g}, l_{3g}, d, b_3, are indentical to and have the same tolerances as fishplate dimensions l_{2f}, l_{3f}, d, b_3.

MACHINED GUIDE RAIL



MACHINED GUIDE RAIL - B CLASS

Dimensions and Tolerances of NOVA Standard Machined Guide Rails-ISO7465/GB-T22562/2008 (For Elevator Speed ≤ 1.6m/s)

Dimensions

Type	b_1	h_1	h	k	n	c	f	g	r_1	m_1	m_2	u_1	u_2	d	d_1	b_3	l_{2g}	l_{3g}	l	h
Tolerances (Standard)	±1.5	±0.75	±0.10	+0.1/0	+3/0	-	±0.75	±0.75	-	+0.06/0	0/-0.06	±0.10	±0.10	-	-	±0.2	±0.2	±0.2	+3/0	±0.1
T70-1/B	70	65	64	9	34	6	8	6	1.5	3.00	2.97	3.50	3.00	13	26	42	105	25	128	64
T75-3/B	75	62	61	10	30	8	9	7	3	3.00	2.97	3.50	3.00	13	26	42	105	30	138	61
T78/B	78	56	55	10	26	7	8.5	6	2.5	3.00	2.97	3.50	3.00	13	26	42	105	38	138	55
T82/B	82	68.25	66.6	9	26	7.5	8.25	6	3	3.00	2.97	3.50	3.00	13	26	50.8	81	27	111	66.6
T89/B	89	62	61	16	34	10	11.1	7.9	3	6.40	6.37	7.14	6.35	13	26	57.2	114.3	38.1	156	61
T90/B	90	75	74	16	42	10	10	8	4	6.40	6.37	7.14	6.35	13	26	57.2	114.3	38.1	156	74
T114/B	114	89	88	16	38	9.5	11	8	4	6.40	6.37	7.14	6.35	17	33	70	114.3	38.1	156	88
T127-1/B	127	89	88	16	45	10	11	8	4	6.40	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	88
T127-2/B	127	89	88	16	51	10	15.9	12.7	5	6.40	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	88
T140-1/B	140	108	107	19	51	12.7	15.9	12.7	5	6.40	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	107
T140-2/B	140	102	101	28.6	51	17.5	17.5	14.5	5	6.40	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	101
T140-3/B	140	127	126	31.75	57	19	25.4	17.5	5	6.40	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	126

Note: Dimensions l_{2g}, l_{3g}, d, b_3, are indentical to and have the same tolerances as fishplate dimensions l_{2f}, l_{3f}, d, b_3.

MACHINIED GUIDE RAIL - BE CLASS

Dimensions and Tolerances of High Precise Machined Guide Rails-ISO7465/GB-T22562/2008 (For Elevator Speed 1.6m/s~4m/s)

Dimensions

Type	b_1	h_1	k	n	c	f	g	r_1	m_1	m_2	u_1	u_2	d	d_1	b_3	l_{2g}	l_{3g}	l	h
Tolerances (High Precise)	±1.5	±0.75	+0.05/0	+3/0	–	±0.75	±0.75	–	+0.03/0	0/-0.03	±0.10	±0.10	–	–	±0.2	±0.2	±0.2	+3/0	±0.05
T89/BE	89	62	16	34	10	11.1	7.9	3	6.40	6.37	7.14	6.35	13	26	57.2	114.3	38.1	156	61
T90/BE	90	75	16	42	10	10	8	4	6.40	6.37	7.14	6.35	13	26	57.2	114.3	38.1	156	74
T114/BE	114	89	16	38	9.5	11	8	4	6.40	6.37	7.14	6.35	17	33	70	114.3	38.1	156	88
T127-1/BE	127	89	16	45	10	11	8	4	6.40	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	88
T127-2/BE	127	89	16	51	10	15.9	12.7	5	6.40	6.37	7.14	6.35	17	33	79.4	114.3	38.1	156	88
T140-1/BE	140	108	19	51	12.7	15.9	12.7	5	6.40	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	107
T140-2/BE	140	102	28.6	51	17.5	17.5	14.5	5	6.40	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	101
T140-3/BE	140	127	31.75	57	19	25.4	17.5	5	6.40	6.37	7.14	6.35	21	40	92.1	152.4	31.8	193	126

Note: Dimensions l_{2g}, l_{3g}, d, b_3, are indentical to and have the same tolerances as fishplate dimensions l_{2f}, l_{3f}, d, b_3.

MECHANICAL AND CHEMICAL CHARACTERISTICS OF GUIDE RAIL

Technical and Mechanical Characteristics -ISO7465/GB-T22562/2008

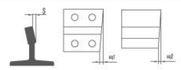
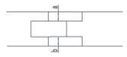
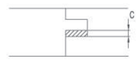
Technical Characteristics

Type	S	q_1	e	I_{xx}	W_{xx}	i_{xx}	I_{yy}	W_{yy}	i_{yy}
	cm^2	kg/m	cm	cm^4	cm^3	cm	cm^4	cm^3	cm
T45/A	4.250	3.340	1.310	8.080	2.530	1.380	3.840	1.710	0.950
T50/A	4.750	3.730	1.430	11.240	3.150	1.540	5.250	2.100	1.050
T70/A	9.400	7.379	2.034	40.950	9.169	2.087	18.860	5.389	1.417
T70-1/B	9.510	7.470	2.040	41.300	9.240	2.090	18.650	5.350	1.400
T75-3/B	10.910	8.564	1.861	40.290	9.286	1.921	26.470	7.060	1.557
T78/B	9.847	7.730	1.645	29.920	7.564	1.743	26.390	6.766	1.637
T82/B	10.910	8.540	1.998	49.310	10.270	2.126	30.170	7.358	1.663
T89/B	15.770	12.380	2.032	59.830	14.350	1.948	52.410	11.780	1.823
T90/B	17.250	13.540	2.612	102.000	20.860	2.431	52.480	11.660	1.744
T114/B	20.890	16.400	2.865	179.300	29.700	2.930	108.600	19.050	2.280
T127-1/B	22.740	17.850	2.770	187.900	30.650	3.065	149.900	23.610	2.361
T127-2/B	28.720	22.550	2.478	201.700	31.170	2.640	229.900	36.200	2.829
T140-1/B	35.150	27.590	3.236	403.300	53.320	3.387	309.700	44.240	2.968
T140-2/B	43.210	33.920	3.484	456.700	68.010	3.251	358.200	51.180	2.879
T140-3/B	57.520	45.150	4.418	947.500	114.400	4.059	466.700	66.670	2.848

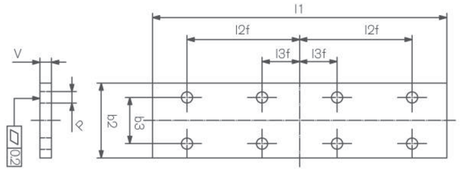
Note: Special thickness of Fishplate is available according to customer's requests.

Physical Parameter of NOVA Guide Rail

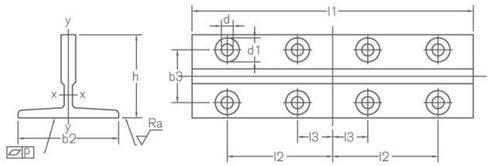
Key parameter of guide rails

Designation			Cold Drawn	Machined	High Precise BE
Roughness		Long	1.6μm~6.3μm	≤1.6μm	≤1.6μm
		Trasv		0.8μm~3.2μm	0.8μm~3.2μm
Straightness		f/m max	0.7mm	0.5mm	0.2mm
		f/5m max	3.5mm	2.5mm	1.0mm
Twist		R max	2mm/5m	2mm/5m	1mm/5m
Angle		S max	±0.10mm	±0.10mm	±0.05mm
		S q1	±0.20mm	±0.20mm	±0.10mm
		S q2	±0.20mm	±0.20mm	±0.10mm
Parallelism		h-h2	–	0.20mm	0.10mm
Centering		a-b	0.10mm	0.10mm	0.05mm
Maximum clearance for connection		C max	0.15mm	0.15mm	0.09mm

FISHPLATE



STANDARD FISHPLATE



T TYPE FISHPLATE

STANDARD FISHPLATE

Fishplate Dimensions and Tolerances For NOVA Standard Guide Rails-ISO7465/GB-T22562/2008

Dimensions

Suitable Rail Model	d	l_1	l_{21}	l_{31}	b_2	b_3	v_{min}	Bolt
T45/A	9	160	65	15	50	25	8	M8×25
T50/A	9	200	75	25	50	30	8	M8×25
T70/A	13	250	105	25	70	42	10	M12×35
T70-1/B	13	250	105	25	70	42	10	M12×35
T75-3/B	13	250	105	25	70	42	10	M12×35
T78/B	13	250	105	25	70	42	10	M12×35
T82/B	13	216	80	26	80	50.8	10	M12×35
T89/B	13	305	114.3	38.1	90	57.2	13	M12×35
T90/B	13	305	114.3	38.1	90	57.2	13	M12×35
T114/B	17	305	114.3	38.1	120	70	17	M16×50
T127-1/B	17	305	114.3	38.1	130	79.4	17	M16×50
T127-2/B	17	305	114.3	38.1	130	79.4	17	M16×50
T140-1/B	21	380	152.4	31.8	140	92.1	28	M20×65
T140-2/B	21	380	152.4	31.8	140	92.1	28	M20×65
T140-3/B	21	380	152.4	31.8	140	92.1	38	M20×80
Tolerances	-	+3 0	±0.2	±0.2	-	±0.2	+3 0	-

Note: Special thickness of Fishplate is available according to customer's requests.

T TYPE FISHPLATE

Dimensions

Suitable Rail Model	d	d_1	b_2	b_3	l_1	l_2	l_3	h	w_{xx}	w_{yy}	weight	bolt
Type	mm	mm	mm	mm	mm	mm	mm	mm	cm^3	cm^3	kg/pc	size
T75-3/B	13	26	75	43	240	90	30	61	9.29	7.06	2.1	M 12*35
T78/B	13	26	78	43	240	90	30	55	7.56	6.71	1.8	M 12*35
T82/B	13	26	82.5	50.8	216	81	27	66.6	10.20	7.40	1.36	M 12*35
T89/B	13	26	89	57.2	305	114.3	38.1	61	14.25	11.80	3.8	M 12*35
T90/B	13	26	90	57.2	305	114.3	38.1	74	20.87	11.80	4.1	M 12*35
T114/B	17	33	114	79.4	305	114.3	38.1	88	29.70	19.10	5.0	M 16*50
T127-1/B	17	33	127	79.4	305	114.3	38.1	88	30.40	23.40	5.4	M 16*50
T127-2/B	17	33	127	79.4	305	114.3	38.1	88	30.90	36.20	6.9	M 16*50
T140-1/B	21	40	140	92.1	380	152.4	31.8	107	53.40	44.30	10.5	M 20*65
T140-2/B	21	40	140	92.1	380	152.4	31.8	101	68.00	51.20	12.9	M 20*65
T140-3/B	21	40	140	92.1	380	152.4	31.8	126	114.60	69.40	17.5	M 20*65
Tolerances	-	-	±1.5	±0.2	±1.5	±0.2	±0.2	±0.1	-	-	-	-

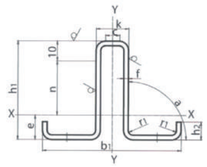
Note: Special thickness of Fishplate is available according to customer's requests.

HOLLOW GUIDE RAIL

Complying with JG/T5072.3 1996, suitable for lifts with speed lower than 1.6m/s

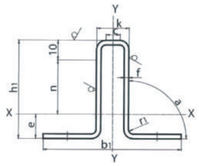
Dimensions and Tolerances of Hollow Guide Rails-JG/T5072.3-1996

Type	b_1	c	f	h_1	h_2	k	n	r_1	a
Tolerances	±1.00	-	+0.20/-0.15	0/-0.5	-	±0.40	-	-	+60/+20
TK3	75	1.8	2.2	55±0.2	-	10±0.2	25	5	90°
TK5	87	1.8	3.0	60	-	16.4	25	3	90°
Tolerances	0/-0.7	-	+0.20/-0.15	0/-0.5	±1.00	±0.40	-	-	+60/+20
TK3A	78	1.8	2.2	60	10	16.4	25	3	90°
TK5A	78	1.8	3.2	60	10	16.4	25	3	90°



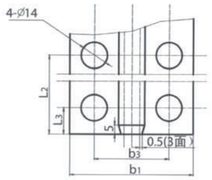
Technical Characteristics Of Hollow Guide Rails-JG/T5072.3-1996

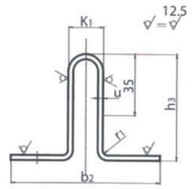
Type	s	q_1	e	I_{xx}	W_{xx}	i_{xx}	I_{yy}	W_{yy}	i_{yy}
	cm^2	kg/m	cm	cm^4	cm^3	cm	cm^4	cm^3	cm
TK3	3.81	2.99	2.17	19.76	5.16	2.21	12.20	2.80	1.73
TK5	5.86	4.60	2.15	26.90	6.99	2.08	18.61	4.28	1.73
TK3A	4.36	3.40	2.18	18.09	4.74	2.04	13.62	3.49	1.77
TK5A	6.17	4.85	2.14	24.33	6.30	1.99	18.78	4.82	1.74

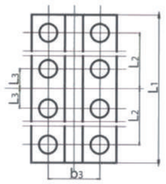


Fishplate For Hollow Guide Rails JG/T 5072.3-1996

Type	b_2	h_3	K_1	u	P	b_3	l_1	l_2	l_3
	–	–	±0.2	–	–	±0.5	±1.5	±0.5	±0.3
TK3	87	50	12	3	–	50	400	180	20
TK5	87	58	10	4.5	5.5	50	400	180	20
TK3A	78	50	12	3	–	44	400	180	20
TK5A	78	58	10	4.5	5.5	44	400	180	20







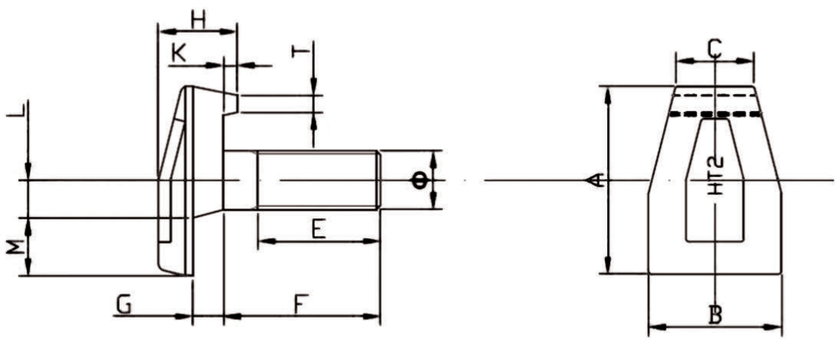
Distance Between Holes, Fishplates And Bolts(mm)

Designation	b_2	h_3	h	u	b_3	l_1	l_2	l_3	Bolt	Washer
	Tolerance									
	–	± 1	± 0.2	-	± 0.5	± 1.5	± 0.5	± 0.3	-	-
TK3	72	40	6	3	43	220	90	30	M8×30	A-8
TK5	88	59	10	4.5	50	400	180	20	M10×30	A-12
TK3A	78	50	12	3	45	200	75	25	M8×30	A-10
TK5A	78	50	10	4	45	200	75	25	M10×30	A-10

T TYPE FORGED RAIL CLIP

① Material: 45# Steel

② Standard: DIN558,DIN125



Forged Rigid Guide Rail Clamping System. Recommended For Application Where Guide Rail Stack Movement Is Not Expected

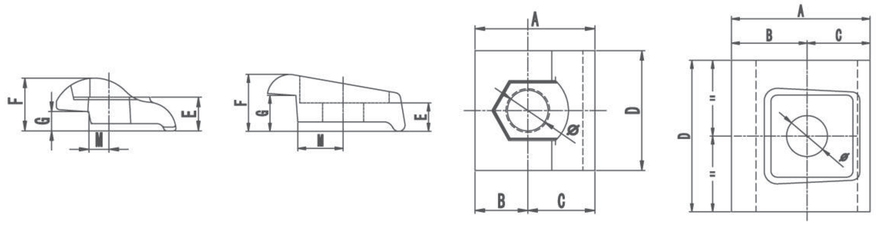
Dimensions

Type	Applicable Guide Rail Model	Φ mm	A mm ±1.3	B mm ±1.3	C mm ±1.3	E mm +2.5/0	F mm ±1.5	G mm ±0.8	H mm ±1.0	K mm ±0.5	L mm ±0.8	M mm ±1.0	T mm ±0.5
T1	T45/A, T50/A	M10	32	22	15	19	25	3.5	12	2	5	11	3
T2	T70-1/B,T75-3/B,T78/B	M12	39	26	19	22	30	4.3	15	3	6.5	13	4
T3	T82/B,T89/B,T90/B	M14	45	29	21	28	38	5.5	18.5	4	8	13	4
T4	T114/B, T127-1/B, T127-2/B	M16	50	34	22	34	44	6.5	20.5	4	8.5	15	5
T5	T140-1/B, T140-2/B	M18	55	37	23	35	46	9	23	4	11	17	5

Note: T type forged clips are made exactly according to customers' design, which are suitable for T45/A to T140 Rail etc. Each full set of T type clips include four parts: T Bolt, Nut, Plain Washer and Lock Washer, and its finish options include plain (self colored), galvanized or zinc plated. Product threading can be offered in UNC, UNF or metric.

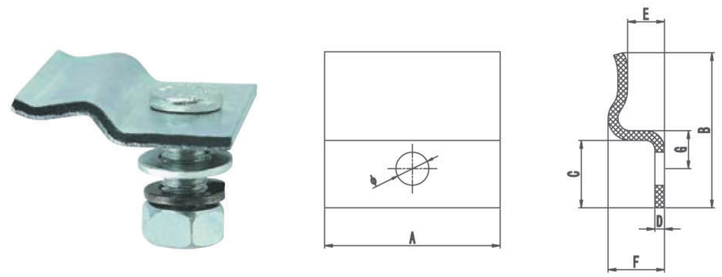
FORGED & SLIDING RAIL CLIP

Forged (Casting) Rail Clip



Type	Designation	Dimensions(mm)									
		A	B	C	D	E	F	G	M	Φ	Bolt
NV75	T75-3/B	30	15	15	30	10.5	15	4.5	3	9	M8
NV89	T89/B	32	16	16	38	11	16	5	6	13	M12
NV90	T90/B	32	16	16	38	11	16	5	6	13	M12
NV114	T114/B	50	22	28	50	14	22	5	7.5	17	M16
NV1271	T127-1/B	50	22	28	50	14	22	5	7.5	17	M16
NV1272	T127-2/B	50	22	28	50	17	25	8	8	17	M16
NV1401	T140-1/B	50	22	28	50	17	25	8	8	17	M16
NV1402	T140-2/B	70	38	32	65	16	25.5	12.5	24	20.5	M18
NV1403	T140-3/B	70	38	32	76	19	28.5	19	24	20.5	M18

Sliding Rail Clip



Type	Designation	Dimensions(mm)									
		A	B	C	D	E	F	G	-	Φ	Bolt
NV-SL1	T89/B	76	70	31	5	9	14.5	18.5	-	13	M12
	T90/B	76	70	31	5	9	14.5	18.5	-	13	M12
NV-SL2	T114/B	76	70	31	5	9	14.5	18.5	-	17.5	M16
	T127-1/B	76	70	31	5	9	14.5	18.5	-	17.5	M16
NV-SL3	T127-2/B	76	70	33	5	14.5	20.5	19	-	17.5	M16
	T140-1/B	76	70	33	5	14.5	20.5	19	-	17.5	M16
	T140-2/B	76	70	33	5	14.5	20.5	19	-	17.5	M16

ANCHOR BOLT & FASTENERS

Anchor Bolt

(Type A)

(Type F)

Nova Code	Specification
NV14A-650	M6*50
NV14A-865	M8*65
NV14A-870	M8*70
NV14A-1070	M10*70
NV14A-1080	M10*80
NV14A-10100	M10*100
NV14A-10120	M10*120
NV14A-12100	M12*100
NV14A-12110	M12*110
NV14A-12120	M12*120
NV14A-12130	M12*130
NV14A-12150	M12*150
NV14A-16120	M16*120
NV14A-16150	M16*150
NV14A-16200	M16*200
NV14A-20160	M20*160
NV14A-20200	M20*200
NV14A-22200	M22*200
NV14A-24200	M24*200

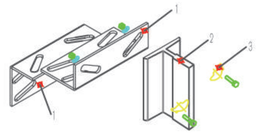
Nova Code	Specification
NV14F-640	M6*40
NV14F-655	M6*55
NV14F-670	M6*70
NV14F-850	M8*50
NV14F-865	M8*65
NV14F-880	M8*80
NV14F-895	M8*95
NV14F-8105	M8*105
NV14F-8120	M8*120
NV14F-1065	M10*65
NV14F-1080	M10*80
NV14F-1095	M10*95
NV14F-10115	M10*115
NV14F-10120	M10*120
NV14F-1280	M12*80
NV14F-12100	M12*100
NV14F-12120	M12*120
NV14F-12135	M12*135
NV14F-12150	M12*150
NV14F-16105	M16*105
NV14F-16140	M16*140
NV14F-16180	M16*180
NV14F-18160	M18*160
NV14F-18180	M18*180
NV14F-20125	M20*125
NV14F-20160	M20*160
NV14F-20200	M20*200

Fasteners

Specifications	8*20	8*25	10*30	10*45	10*50	12*30	12*45	12*50	16*50	16*55	16*60	20*60	20*80
Grade	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
Remarks	Re: 1) Finish options include plain (self colored), galvanized or zinc plated. 2)Product threading can be offered in UNC, UNF or metric.												

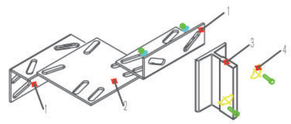
RAIL BRACKET

Bracket

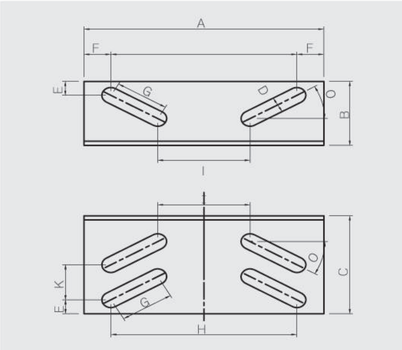


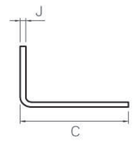
1.Standard Bracket / Special Bracket
2.Guide Rail
3.Rail Clip

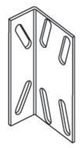
Bracket(with extension)



1.Standard Bracket / Special Bracket
2.Extension for Bracket
3.Guide Rail
4.Rail Clip

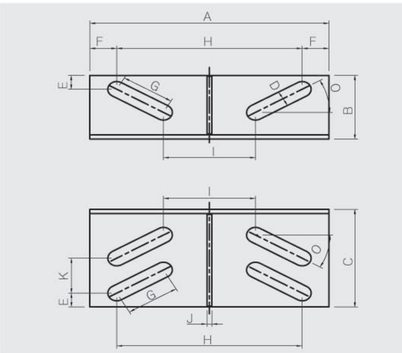


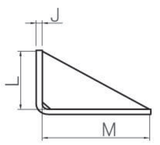




Standard Bracket

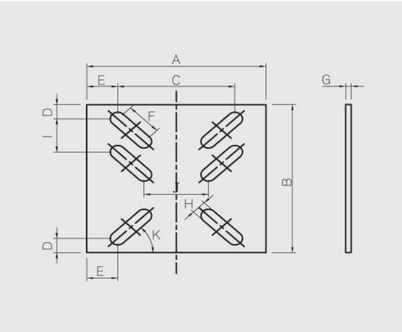
Nova Code	A±1	B±1	C±1	D	E	F	G	H	I±1	J	K	O
NV15-B1	130	50	75	11	12	22.5	27	85	47	4	28	45°
NV15-B2	200	62	95	15	13.5	22.5	45	155	77	5	34	30°
NV15-B3	270	65	100	19	13.5	25	54	220	126	6	34	30°
NV15-B4	270	70	105	19	13.5	25	54	220	126	8	34	30°





Reinforced Bracket

Nova Code	A±1	B±1	C±1	D	E	F	G	H	I±1	J	K	L	M	O
NV15-BR1	130	50	75	11	12	22.5	27	85	47	4	28	46	71	45°
NV15-BR2	200	62	95	15	13.5	22.5	45	155	77	5	34	57	90	30°
NV15-BR3	270	65	100	19	13.5	25	54	220	126	6	34	59	94	30°
NV15-BR4	270	70	105	19	13.5	25	54	220	126	8	34	62	97	30°



Extension for Bracket

Nova Code	A±1	B±1	C	D	E	F	G	H±1	I	J±1	K
NV15-BL1	130	125	85	12	22.5	27	4	11	28	47	45°
MV15-BL2	200	157	155	13.5	22.5	45	5	15	34	77	30°
NV15-BL3	270	165	220	13.5	25	54	6	19	34	126	30°
NV15-BL4	270	165	220	13.5	25	54	8	19	34	126	30°

CABIN AND CW COMPONENTS

- CAR FRAME , COUNTERWEIGHT FRAME
- ELEVATOR CABIN
- COUNTERWEIGHT BLOCK
- CABIN ACCESSORIES
  (OIL CAN, COMPENSATION CHAIN, GUIDE SHOE
  CEILING, FLOOR, HANDRAIL)

CAR FRAME & COUNTERWEIGHT FRAME

Car Frame

Roping For MR=1 : 1

Roping For MR= 2 : 1

Roping For MRL=2 : 1

For Passenger Elevator
For different roping 1:1, 2:1
For different capacities from 320 kg to 2000 kg
For different dimensions of DBG
Easy installation
Standard export package

Oil Can (2 PCS)
Guide Shoe (4 PCS)
Lifting Pulling Rod For Safety Gear (1 PC)
Safety Gear (1 PAIR)
Safety Gear Linkage (1 PAIR)
Safety Gear Switch (1 PC)

Nova standard car frame includes several assemblies listed as below:

1. Cross Beam (1 PC), Upright (2 PCS) and Bottom Beam (1 PC)
2. Limit Switch Touching Plate (1 PC)
3. Car Side Pulling Rod (4 PCS)

Counterweight Frame

Roping=1:1

Roping=2:1

Nova standard counterweight frame includes several assemblies listed as below:

1. Oil can
2. Guide shoe
3. Counterweight frame
4. Lock device
5. Buffer striking end

Oil Can

NV-10B Round Oil Cup

NV-12B Square Oil Cup

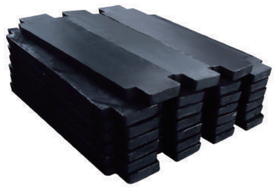
NV-10C Square Oil Cup

NV-13C Round Oil Collector

NV-13B Square Oil Collector

COUNTERWEIGHT BLOCK & COMPENSATION CHAIN

Cast Iron Counterweight Block



Compound Counterweight Block

Steel Plate Counterweight Block

Re:
1.Nova Counterweight Block includes:Cast Iron,Compound and Steel Plate.
2.Customization is available and surface sprayed with antitrust paint (Black,Yellow,Red and Gray).

Compensation Chain

NVU plastic-wrapped compensation chain

Speed ≤ 1.75m/s

Model No.	Unit Weight (kg/m)	Min bending diamerter (mm)	Broken load (≥KN)	Max. length (m)
Φ6	0.86±0.2	260	13.32	180
Φ7	1.23±0.2	260	18.18	185
Φ8	1.49±0.2	260	23.55	190
Φ9	1.88±0.2	280	29.98	190
Φ10	2.23±0.2	280	37.00	230
Φ11	2.96±0.2	300	42.70	240
Φ12	3.24±0.2	300	48.50	240
Φ13	3.72±0.2	320	62.23	240
Φ14	4.46±0.2	320	65.80	240
Φ14.5	5.20±0.2	320	70.27	240
Φ16	6.15±0.2	320	71.37	240

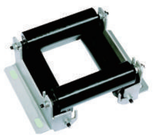
NVO compensation chain

Speed > 1.75m/s

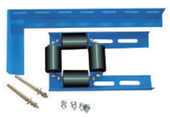
Model No.	Unit Weight(kg/m)	External diameter(mm)	Min bending diamerter(mm)	Broken load(≥KN)
NVO 075	1.12±0.2	24±1.5	610	11.25
NVO 100	1.49±0.2	29±1.5	610	13.32
NVO 120	1.88±0.2	31±1.5	610	18.0
NVO 150	2.23±0.2	35±1.5	610	23.66
NVO 200	2.98±0.2	38±1.5	610	29.97
NVO 250	3.72±0.2	42±1.5	610	40.82
NVO 300	4.46±0.2	45±1.5	610	46.58
NVO 350	5.20±0.2	49±1.5	610	53.4
NVO 400	5.68±0.2	52±1.5	610	62.6

Guiding Device For Compensation Chain

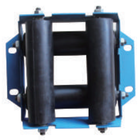
B Type



D Type



E Type

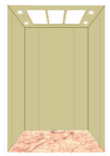


F Type

CABIN

Elevator Cabin:

1.Cabins for Passenger Elevator, Panoramic Elevator, Bed Elevator and Freight Elevator as per our standard or customers' design.
2.Cabin Panels Material: painted, hairline stainless steel, mirror stainless steel or etching stainless steel.
3.Ceiling, handrail and floor can be opitional.



Painted Cabin

Hairline S.S Cabin

PVC Coating Steel Cabin

Mirror Etching S.S Cabin

Passenger Elevator

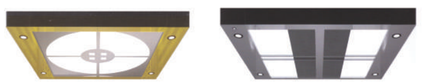
Panoramic Elevator

Bed Elevator

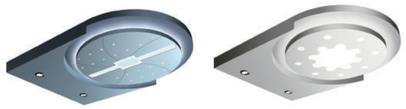
Car Elevator

Please find our full cabin design from our website.

Elevator Ceiling

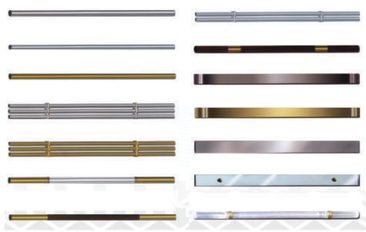


Ceiling For Passenger Elevator



Ceiling For Panoramic Elevator

Elevator Handrail



Elevator Handrail

Elevator Floor

PVC Floor

GUIDE SHOES

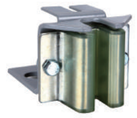
1. Sliding Guide Shoes

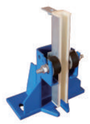

NV25S-M001


NV25S-M002


NV25S-M003


NV25S-M004


NV25S-M005


NV25S-S001


NV25S-S002


NV25S-S003


NV25S-S004


NV25S-S005


NV25S-DX3A


NV25S-H001


NV25S-H002


NV25S-H003


NV25S-O001


NV25S-O002


NV25S-HZ1


NV25S-HZ2


NV25S-HZ9


NV25S-HZ20

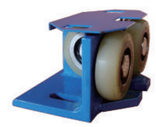
Nova Code	Rated Speed(m/s)	Width of guide rail(mm)
NV25S-M001	≤1.75	9/10/16
NV25S-M002	≤2.5	10/16
NV25S-M003	≤1.75	10/16.4
NV25S-M004	≤1.75	10/16.4
NV25S-M005	≤1.75	10/16.4
NV25S-S001	≤2.0	10/16
NV25S-S002	≤2.0	9/10/16
NV25S-S003	≤1.75	10/16
NV25S-S004	≤1.75	5/10/16.4
NV25S-S005	≤1.75	5
NV25S-DX3A	≤1.75	5
NV25S-H001	≤1.75	10/16.4
NV25S-H002	≤1.75	10/16
NV25S-H003	≤1.75	10/16.4
NV25S-O001	≤1.75	16
NV25S-O002	≤1.75	16
NV25S-HZ1	≤2.5	9/10/16/16.4
NV25S-HZ2	≤2.5	9/10/16/19
NV25S-HZ9	≤2.0	5/9/10/16/16.4
NV25S-HZ20	≤2.0	9/10/16/16.4

GUIDE SHOES

2. Rolling Guide Shoes


NV25R-001


NV25R-002


NV25R-003


NV25R-004


NV25R-005


NV25R-006


NV25R-007


NV25R-HZ80


NV25R-HZ100


NV25R-HZ125


NV25R-HZ150

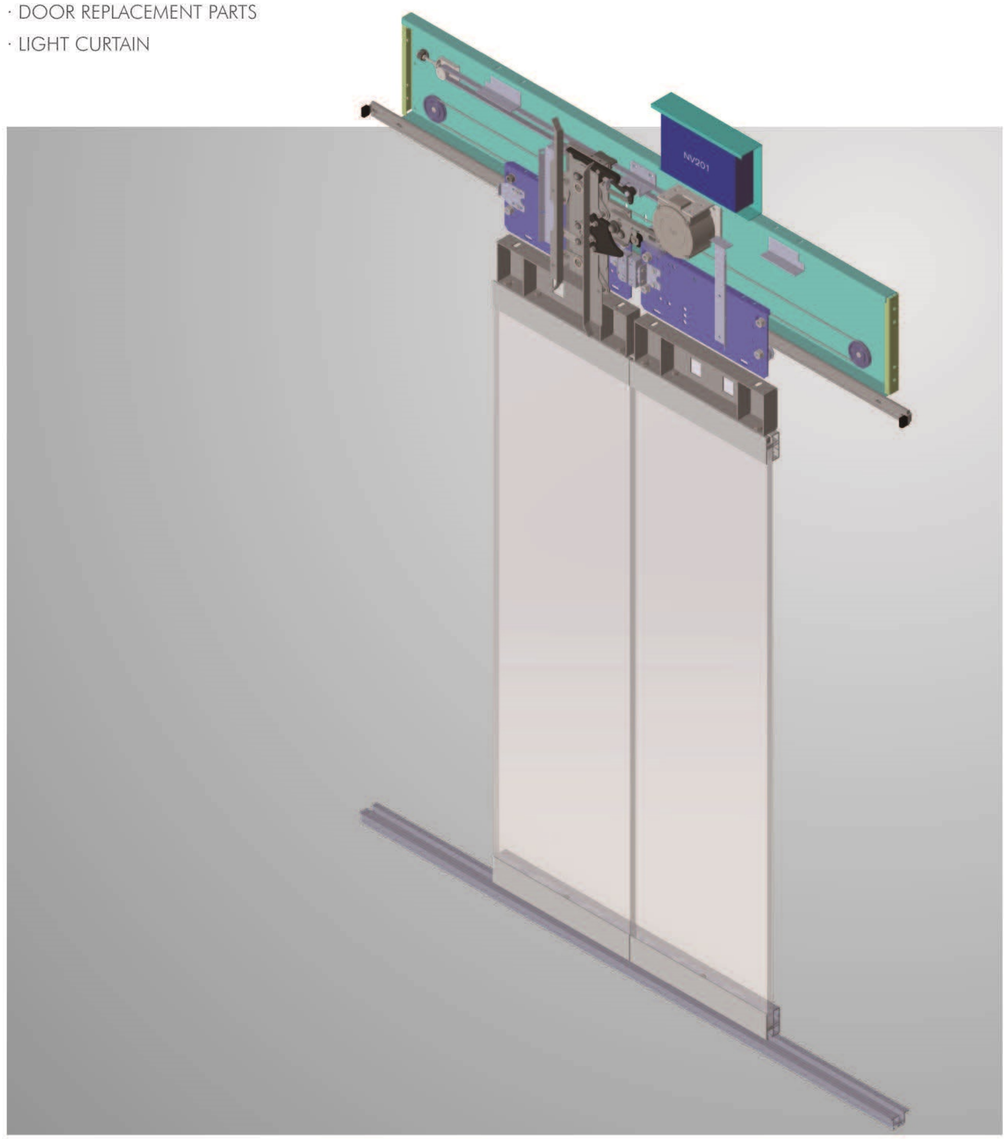

NV25R-HZ200

Nova Code	Roller Dia.(mm)	Rated Speed(m/s)	Rated Load(kg)	Width of guide rail(mm)
NV25R-001	Φ125	≤2.5	≤1600	10/16
NV25R-002	Φ160	≤3.0	≤1600	10/16
NV25R-003	Φ76	≤3.5	≤3000	10/16
NV25R-004	Φ150	≤3.5	≤2700	10/16
NV25R-005	Φ82.3	≤2.0	≤2500	10/16
NV25R-006	Φ70	≤0.63	≤450	10/16
NV25R-007	Φ80	≤3.5	≤2700	10/16
NV25R-HZ80	Φ80	≤2.5	≤2000	9/10/16
NV25R-HZ100	Φ100	≤3.5	≤2000	9/10/16
NV25R-HZ125	Φ125	≤7.0	≤2000	9/10/16
NV25R-HZ150	Φ150	≤7.0	≤4500	9/10/16
NV25R-HZ200	Φ200	≤10.0	≤4500	16/19/28.6/31.75

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

DOOR SYSTEM

- ELEVATOR DOOR OPERATOR & LANDING DOOR
- DOOR PANEL
- DOOR REPLACEMENT PARTS
- LIGHT CURTAIN



DOOR OPERATOR & LANDING DOOR

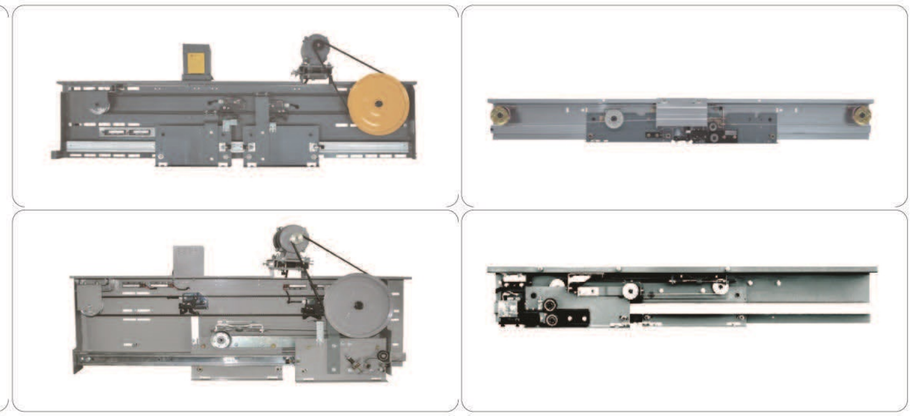
1. Door Operator

1) VVVF door operators controlled by the brand inverter.
2) Door opening way: center opening and side opening.
3) Door opening width: 600-2200 mm, height: 2000 or 2100mm.
4) Door panels and sill are available as request.

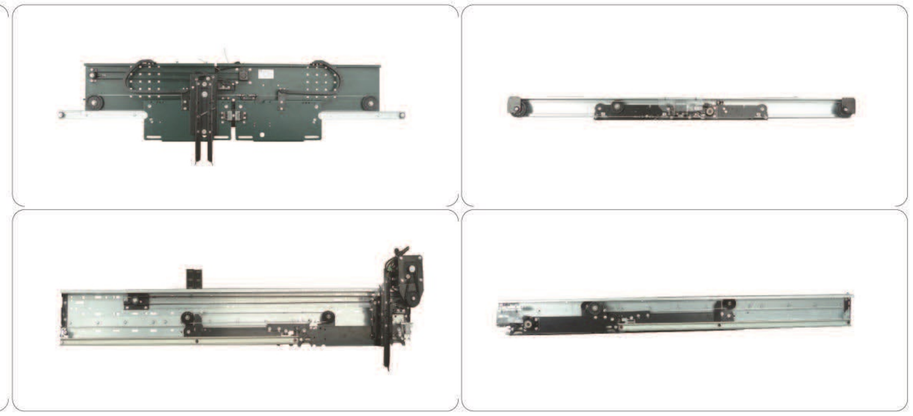
2. Landing Door

1) Landing door match for the door operator.
2) Door opening way: center opening and side opening.
3) Door opening width: 600-2200 mm, height: 2000 or 2100mm.
4) Door panels, sill & door frame are available as request.

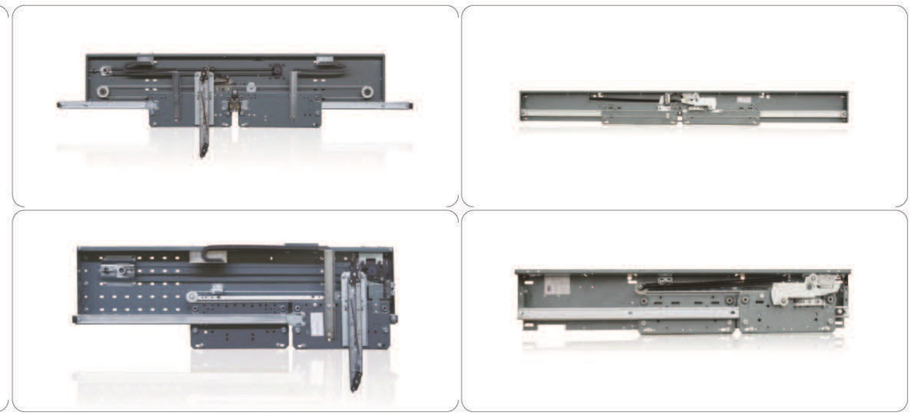
31-002



31-003



31-004

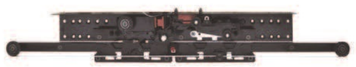


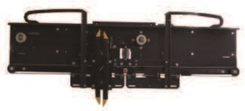
1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

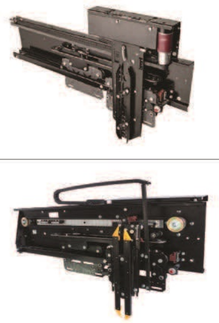
DOOR OPERATOR & LANDING DOOR

31-005

DC

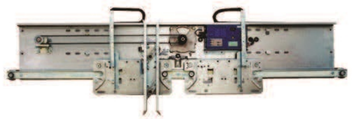


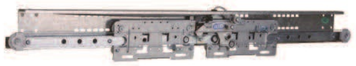


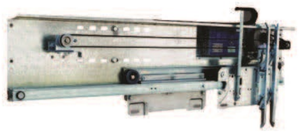


DC

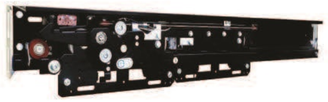
31-006







31-007



MANUAL DOOR & DOOR PANEL

Manual Door

NV31S-001

NV31S-002

NV31S-003

Door Closer

Door Lock

Painted Panel

Painted Panel

RAL 1002	RAL 1014	RAL 1015	RAL 5017
RAL 7001	RAL 7002	RAL 7005	RAL 7010
RAL 7011	RAL 7032	RAL 7040	RAL 9005

Painted Color

Stainless Steel Panel

Hairline S/S

Mirror Etching S/S

Golden Etching S/S

Glass Panel

Full Glass Door Panel

Big Vision Door Panel

NV31-002 DOOR PARTS


Door Operator Baseplate


Door Operator Hanger


Panasonic Door Controller-1


Panasonic Door Controller-2


Monarch Door Controller


Motor-1(Asynchronous)

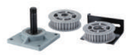

Motor-2(Asynchronous)


Motor-3(Asynchronous)


Permanent Magnet Motor


Poly V Belt


Belt


Bearing Stand / Bearing /Drive Wheel Module


Door Cam


Connecting Rod


Φ72 Pulley


Guide Wheel


131 Car Door Switch


Bistable Switch Module


Door Operator Fixing


Belt Pulley


Landing Door Base Plate


Landing Door Hanger


Interlock / Lock Hook


Φ48 Pulley


Φ56 Pulley


Guide Wheel


Φ68 Pulley Module


Drive Wire Rope


Φ90 Pulley


Φ60 Pulley


Door Lock


161 Door Lock


Contact Switch


Passive Door Switch


Close Spring


Weight Module


Guiding Pipe


Triangle Lock Key-1


Triangle Lock Key-2


Fixing

NV31-004 DOOR PARTS


Rope Roller


Top Roller


Bottom Roller


Door Motor Tooth Pulley (W/O Magnetic)


Door Motor Tooth Pulley (W/Magnetic)


Car Door Contact Male And Female


Landing Door Contact Male And Female-1


Landing Door Contact Male And Female-2


Landing Door Lock


Door Ball

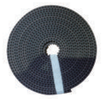

Emergency Unlock Device

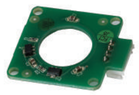

Triangular Key


Door Shoe 1


Door Shoe 2


Tooth Belt Clip Male And Female


Tooth Belt


Motor Encoder


Door Motor


Door Controller

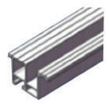

Door Cam 40

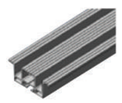

Rocker Assembly


Hanging Bolt


Landing Door Lock Stop Pin


Door Lock Hook


CO Sill


SO Sill


Steel Wire Rope


Close Spring

NV31-005 DOOR PARTS & LIGHT CURTAIN

NV31-005 Door Parts


Plastic Top Roller


PU Top Roller


Rope Roller


Strengthened Top Roller


Bottom Roller


Hanging Bolt Set


Emergency Release


Door Contact(Square)


Door Contact(Oblong)


Bernstein Door Contact

Door Shoe
(Plastic Piece)


Door Shoe


Door Lock A


Door Lock B


Drive Wheel


Elevator
Door Controller


Panasonic
Door Controller


Door Cam


VVVF Motor


Triangular Key

Close Spring


Light Curtain
Traveling Chain


Tooth Belt


Poly V Belt


Steel Wire Rope

Light Curtain

Nova Code	Number of Diodes	Number of Beams	Detector Dimension	Voltage
NV-917A	17	94-33Beams	2000*24*11mm	AC220V/AC110V/DC24V
NV-917B	32	154-94Beams	2000*38*10mm	AC220V/AC110V/DC24V
NV-917C	17	94-33Beams	2000*28*16mm	AC220V/AC110V/DC24V
NV-917E	32	154-94Beams	2000*55*20mm	AC220V/AC110V/DC24V
NV-917F	32	154-94Beams	2000*70*25mm	AC220V/AC110V/DC24V
NV-917G	32	154-94Beams	2000*55*25.5mm	AC220V/AC110V/DC24V
NV-917K	17	94-33Beams	2000*28*10mm	AC220V/AC110V/DC24V
NV-917L	32	154-94Beams	2000*27.5*11mm	AC220V/AC110V/DC24V
NV-917M	32	154-94Beams	2000*28.5*10mm	AC220V/AC110V/DC24V
NV-917Q	32	154-94Beams	2000*27.5*11mm	AC220V/AC110V/DC24V
NV-917T	32	154-94Beams	2000*17*19mm	AC220V/AC110V/DC24V
NV-917V	32	154-94Beams	2000*37*9mm	AC220V/AC110V/DC24V

TRACTION SYSTEM

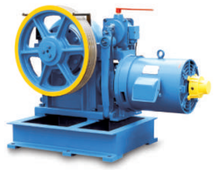
- TRACTION MACHINE
- DEFLECTOR SHEAVE
- STEEL WIRE ROPE AND ROPE ATTACHMENT
- ANTI-VIBRATION PAD

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

GEARED TRACTION MACHINE WITH ROPING=1:1

NV41G-110

NV41G-140



NV41G-200A

NV41G-275A

NV41G-320A

Re:
1) Left or right sheave is optional
2) Painted color (grey or blue) is optional
3) With or without encoder is optional
4) Motor base is optional
5) Horizontal or vertical type is optional

380VAC, 220VAC is optional

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41G-110	320	0.5	2.2	Φ320*4*Φ8*12
		1	3.5	
NV41G-140	400	0.5	3.5	Φ340*5*Φ8*12
		0.63	3.5	Φ425*4*Φ10*16
		1	4.5	Φ340*5*Φ8*12
	500	0.5	3.5	Φ340*6*Φ8*12
		0.63	4.5	Φ425*4*Φ10*16
		1	5.5	Φ340*6*Φ8*12
		1.5	7.5	Φ425*4*Φ10*16
NV41G-200A	630	0.5	3.5	Φ530*4*Φ13*20
		1	5.5	
		1.75	8.5	
		2	11	
	800	0.5	5.5	Φ530*5*Φ13*20
		1	8.5	
		1.75	11	
		2	11	
	1000	0.5	5.5	
		1	8.5	
		1.75	15	
		2	15	Φ530*6*Φ13*20
NV41G-275A	1150	0.5	7.5	Φ650*6*Φ13*20
		1	11	
		1.25	15	
		1.6	18.5	Φ650*8*Φ13*20
		1.75	18.5	
		2	22	

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41G-275A	1250	0.5	7.5	Φ650*6*Φ13*20
		1	15	
		1.6	22	Φ650*8*Φ13*20
		1.75	22	
		2	26	
	1350	0.5	7.5	Φ650*6*Φ13*20
		1	15	
		1.6	22	Φ650*8*Φ13*20
		1.75	22	
		2	26	
	1600	0.5	11	Φ650*8*Φ13*20
		1	18.5	
		1.6	26	
		1.75	26	
		2	30	
NV41G-320A	2000	0.5	11	Φ700*8*Φ16*25
		1	18.5	
		1.5	26	
		1.75	30	
		2	37	
	2500	0.5	15	
		1	22	
		1.5	30	
		1.75	37	
		2	45	

GEARLESS TRACTION MACHINE WITH ROPING=1:1

NV41K-SWTY Series
(Roping=1:1)

380VAC, 220VAC is optional

NV41K-SWTY1

NV41K-SWTY2

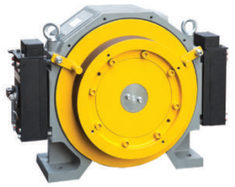
Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)	Travel Height
NV41K-SWTY1	320	1	2.2	Φ400*4*Φ8*12	<=80M
		1.6	3.4		
		1.75	3.8		
	450	1	2.9	Φ400*5*Φ10*16	
		1.6	4.6		
		1.75	5		
	630	1	4	Φ400*6*Φ10*16	
		1.6	6.4		
		1.75	7.2		
	800	1	5.1	Φ400*8*Φ10*16	
		1.6	8.1		
		1.75	8.9		
		2	10.1		
		2.5	12.7		
NV41K-SWTY2	1000	1	6.7	Φ520*6*Φ13*20	
		1.6	10.8		
		1.75	11.8		
		2	13.4		
		2.5	16.8		
	1150	1	7.3	Φ520*7*Φ13*20	
		1.6	11.7		
		1.75	12.8		
		2	14.6		
		2.5	18.2		
	1250	1	7.9	Φ520*7*Φ13*20	
		1.6	12.7		
		1.75	13.9		
		2	15.5		
		2.5	19.8		
	1350	1	8.6	Φ520*8*Φ13*20	
		1.6	13.7		
		1.75	15		
		2	17.1		
		2.5	21.4		
	1600	1	10.1	Φ520*9*Φ13*20	
		1.6	16.2		
		1.75	17.8		
		2	20.3		
		2.5	25.4		

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

GEARLESS TRACTION MACHINE WITH ROPING=2:1

NV41T-W Series
(Roping=2:1)

380VAC, 220VAC is optional



NV41T-W7

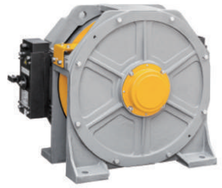
NV41T-W9

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)	Travel Height
NV41T-W7	320	1	2.5	Φ325*3*Φ8*12	<=80M
		1.5	3.7		
		1.6	4		
		1.75	4.3		
	450	1	3.3	Φ325*4*Φ8*12	
		1.5	4.9		
		1.6	5.3		
		1.75	5.7		
	550	0.63	2.3	Φ325*5*Φ8*12	
		0.75	2.7		
		1	3.6		
	630	0.63	2.5		
		0.75	3		
		1	4		
NV41T-W9	630	1	4.2	Φ400*4*Φ10*16	<=100M
		1.5	6.3		
		1.6	6.7		
		1.75	7.3		
		2	8.4		
	800	1	5.3	Φ400*5*Φ10*16	
		1.5	8		
		1.6	8.5		
		1.75	9.3		
		2	10.7		
	1000	1	6.5		
		1.5	9.8		
		1.6	10.4		
		1.75	11.4		
		2	13.1		
	1150	1	7.6	Φ340*8*Φ8*12	
		1.5	11.4		
		1.6	12.3		
		1.75	13.5		
		2	15.3		

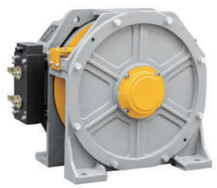
GEARLESS TRACTION MACHINE WITH ROPING=2:1

NV41T-W Series
(Roping=2:1)

380VAC, 220VAC is optional



NV41T-W10M



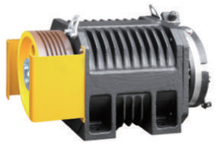
NV41T-W10

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)	Travel Height
NV41T-W10M	1000	1	6.2	Φ485*6*Φ10*16	<=120M
		1.5	9.3		
		1.6	9.9		
		1.75	10.8		
		2	12.4		
		2.5	15.5		
	1150	1	7.1		
		1.5	10.6		
		1.6	11.3		
		1.75	12.4		
		2	14.2		
		2.5	17.7		
	1250	1	8.2		
		1.5	12.2		
		1.6	13.1		
		1.75	14.3		
		2	16.4		
		2.5	20.4		

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)	Travel Height
NV41T-W10	1350	1	8.9	Φ485*8*Φ10*16	<=120M
		1.5	13.2		
		1.6	14.1		
		1.75	15.5		
		2	17.7		
		2.5	22.1		
	1600	1	10.5		
		1.5	15.7		
		1.6	16.8		
		1.75	18.4		
		2	21.0		
		2.5	26.2		

NV41T-ER Series
(Roping=2:1)

380VAC, 220VAC is optional



NV41T-ERS

NV41T-ER2D

NV41T-ER3D

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)	Travel Height
NV41T-ERS	320	1	2.2	Φ320*3*Φ8*12	<=80
		1.5	3.3		
		1.6	3.5		
		1.75	3.8		
	450	1	3	Φ320*4*Φ8*12	
		1.5	4.5		
		1.6	4.8		
		1.75	5.3		
	630	1	4	Φ240*7*Φ6.5*12	<=80
		1.5	6		
		1.6	6.4		
		1.75	7		

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)	Travel Height
NV41T-ER2D	800	1	5.6	Φ320*6*Φ8*12	<=80
	800	1.5	8.4		
	800	1.6	9		
	800	1.75	9.8		
	1000	1	6.9	Φ320*7*Φ8*12	
	1000	1.5	10.3		
	1000	1.6	11		
	1000	1.75	12		
NV41T-ER3D	1150	1	7.8	Φ320*8*Φ8*12	<=80
	1150	1.5	11.8		
	1150	1.6	12.7		
	1150	1.75	13.8		
	1250	1	8.5		
	1250	1.5	12.7		
	1250	1.6	13.8		
	1250	1.75	14.9		

GEARLESS TRACTION MACHINE (ROLLER TYPE)

GEARLESS TRACTION MACHINE

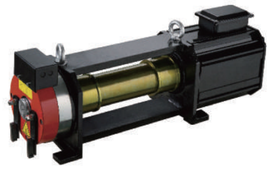
NV41F-100 Series
(Roping=2:1)

380VAC, 220VAC is optional

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41F-320	320	0.4	0.96	Φ100-2*30-65
NV41F-400	400	0.4	1.1	
NV41F-450	450	0.5	1.6	
		1	3.2	
NV41F-630	630	1	4.4	Φ100-3*30-65
NV41F-800	800	1	5.4	Φ100-4*30-65
NV41F-1000	1000	1	6.8	
NV41F-1250	1250	1	8.4	Φ100-5*30-65
NV41F-1600	1600	1	10.9	
NV41F-2000	2000	1	13.6	

NV41F-100-FG Series
(Roping=2:1)

380VAC, 220VAC is optional



Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41F-320-FG	320	0.4	0.9	Φ100-2*30-260
NV41F-400-FG	400	0.4	1.1	
NV41F-450-FG	450	0.5	1.6	
		1	3.2	

NV41F-240 Series
(Roping=1:1)

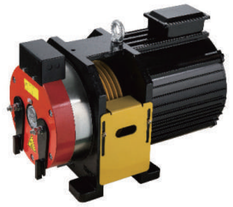
380VAC, 220VAC is optional

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41F-180B	320	0.4	0.9	Φ240-4-Φ8-12
NV41F-180C	400	0.4	1.1	
	450	0.5	1.5	Φ240-5-Φ8-12
		1	3	

GEARLESS TRACTION MACHINE (ROLLER TYPE) & ANTI-VIBRATION PAD

NV41F-240 Series
(Roping=2:1)

380VAC, 220VAC is optional



Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41F-90B	320	0.4	0.9	Φ240-3-Φ8-12
	400	0.4	1.1	
NV41F-180A	450	0.5	1.5	Φ240-4-Φ8-12
		1	3	
NV41F-180B	630	0.5	2.2	Φ240-5-Φ8-12
		1	4.1	

NV41F-320 Series
(Roping=2:1)

380VAC, 220VAC is optional

Nova Code	Capacity(KGS)	Speed(m/s)	Power(KW)	Traction Sheave(mm)
NV41F-180A	320	0.4	0.9	Φ320-3-Φ8-12
	400	0.4	1.1	
NV41F-180B	450	0.5	1.5	Φ320-4-Φ8-12
		1.0	3.0	
NV41F-180C	550	1.0	3.0	
NV41F-180D	630	1.0	4.3	Φ320-5-Φ8-12
		1.6	6.8	
		1.75	7.5	
NV41F-180E	800	1.0	5.4	Φ320-6-Φ8-12
		1.6	8.6	
		1.75	9.5	

Anti-Vibration Pad

NV43-AP01

NV43-AP02

NV43-AP03

Re:
1) Hardness: 70 ± 5
2) Deformation: 2mm/1200kg
3) Max. load: 6000kg
4) Agglutinated Power: ≥25kg/cm²

STEEL WIRE ROPE

Rope For Over Speed Governor

1. This rope is for low speed, low duty elevators.
2. If elevator with high speed, please contact us.
3. We can also produce as customer's requirements.
4. Above specifications just for your reference. Error may occur in actual situation.

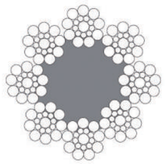
6*19S+PP

6*19W+PP

Nominal Rope Diameter	6*19S+PP	Minimum Breaking Load			
		Dual Tensile, Mpa		Single Tensile, Mpa	
		1370/1770	1570/1770	1570	1770
mm	Kg/100m	kN	kN	kN	kN
6	12.9	17.8	19.5	18.7	21
8	23	31.7	34.6	33.2	37.4

Rope For Traction Machine

Natural fiber core (NFC): Suspension ropes for medium duty elevators
Elevator speed≤2.0M/S, Building height≤60M



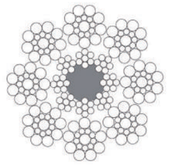
8*19S+FC

8*19W+FC

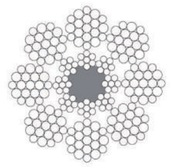
Nominal Rope Diameter	Approx Weight	Minimum Breaking Load			
		Dual Tensile, Mpa		Single Tensile, Mpa	
		1370/1770	1570/1770	1570	1770
mm	Kg/100m	kN	kN	kN	kN
8	21.8	28.1	30.8	29.4	33.2
9	27.5	35.6	38.9	37.3	42
10	34	44	48.1	46	51.9
11	41.1	53.2	58.1	55.7	62.8
12	49	63.3	69.2	66.2	74.7
13	57.5	74.3	81.2	77.7	87.6
14	66.6	86.1	94.2	90.2	102
15	76.5	98.9	108	104	117
16	87	113	123	118	133
18	110	142	156	149	168
19	123	159	173	166	187
20	136	176	192	184	207
22	165	213	233	223	251

STEEL WIRE ROPE & ROPE ATTACHMENT

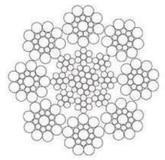
Rope For Traction Machine



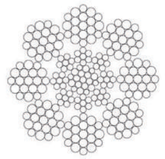
8*19S+IWRF



8*19W+IWRF



8*19S+IWRC



8*19W+IWRC

For IWRC, speed>4.0 m/s, Building height> 100m
For IWRF, 2.0<speed≤4.0 m/s, Building heigh≤100m

Nominal Rope Diameter	Approx Weight		Minimum Breaking Load									
			Dual Tensile, Mpa				Single Tensile, Mpa					
			1370/1770		1570/1770	1620/1770	1570		1620		1770	
	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF	IWRC	IWRF
mm	Kg/100m		kN		kN		kN		kN		kN	
8	26	25.9	35.8	35.2	38.0	37.4	35.8	35.2	36.9	35.2	40.3	39.6
9	33	32.8	45.3	44.5	48.2	47.3	45.3	44.5	46.7	45.9	51	50.2
10	40.7	40.5	55.9	55	59.5	58.5	55.9	55	57.7	56.7	63	62
11	49.2	49	67.6	66.5	79.1	70.7	67.6	66.5	69.8	68.6	76.2	75
12	58.6	58.3	80.5	79.1	85.6	84.2	80.5	79.1	83	81.6	90.7	89.2
13	68.8	68.4	94.5	92.9	100.0	98.8	94.5	92.9	97.5	98.5	106	105
14	79.8	79.4	110	108	117	115	110	108	113	111	124	121
15	91.6	91.1	126	124	134	132	126	124	130	128	142	139
16	104	104	143	141	152	150	143	141	148	145	161	159
18	132	131	181	178	193	189	181	178	187	184	204	201
19	147	146	202	198	215	211	202	198	208	205	227	224
20	163	162	224	220	238	234	224	220	231	227	252	248
22	197	196	271	266	283	283	271	266	279	274	305	300

1. We can also produce as customer's requirements.
2. Above specifications just for your reference. Error may occur in actual situation.
3. For more information, please contact us.

Rope Attachment

NV26-Q001 (Φ6-Φ13)

NV26-Q002A (Φ16)

NV26-G002B

NV26-Q003A
(Φ6-Φ16, Casting Iron Socket Head)

NV26-Q003C
(Φ9-Φ11, Welding Socket Head)

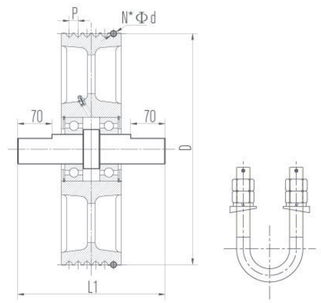
Rope Clip

Re:
1.All rope attachments meet standard DIN15315 and DIN43148.
2.Rope attachment parts can be made as casting iron and forged ones.
3.Passed the testing of the National Elevator Inspection and Testing Center.
4.Each rope attachment matched with 3 pcs rope clips.

DEFLECTOR SHEAVE

Cast Iron

MC Nylon



Model	Diameter	Number of Slots	Rope	Slot Pitch
	D	N	d	P
NV-240-01	Φ 240	2	6.5	10
NV-240-02		3		
NV-240-03		4		
NV-240-04		5		
NV-320-01	Φ 320	3	8	12
NV-320-02				13
NV-320-03		4		12
NV-320-04				13
NV-320-05		5		12
NV-320-06				13
NV-320-07		6		12
NV-320-08				13
NV-320-09		7		12
NV-320-10				13
NV-320-11		8		12
NV-320-12				13
NV-360-01	Φ 360	3	8	12
NV-360-02			9	13
NV-360-03		4	8	12
NV-360-04			9	13
NV-360-05		5	8	12
NV-360-06			9	13
NV-360-07		6	8	12
NV-360-08			9	13
NV-360-09		7	8	12
NV-360-10			9	13
NV-360-11		8	8	12
NV-360-12			9	13
NV-400-01	Φ 400	3	8	12
NV-400-02				13
NV-400-03			10	15
NV-400-04				16
NV-400-05		4	8	12
NV-400-06				13
NV-400-07			10	15
NV-400-08				16
NV-400-09		5	8	12
NV-400-10				13
NV-400-11			10	15
NV-400-12				16
NV-400-13		6	8	12
NV-400-14				13
NV-400-15			10	15
NV-400-16				16
NV-400-17		7	8	12
NV-400-18				13
NV-400-19			10	15
NV-400-20				16
NV-400-21		8	8	12
NV-400-23			10	15
NV-400-25		9	8	12

Model	Diameter	Number of Slots	Rope	Slot Pitch
	D	N	d	P
NV-440-01	Φ 440	3	10	15
NV-440-02				16
NV-440-03		4	8	12
NV-440-04				13
NV-440-05			10	15
NV-440-06				16
NV-440-07		5	8	12
NV-440-08				13
NV-440-09			10	15
NV-440-10				16
NV-440-11		6	8	12
NV-440-12				13
NV-440-13			10	15
NV-440-14				16
NV-440-15		7	8	12
NV-440-16				13
NV-480-01	Φ 480	3	10	15
NV-480-02				16
NV-480-03		4	8	12
NV-480-04				13
NV-480-05			10	15
NV-480-06				16
NV-480-07		5	8	12
NV-480-08				13
NV-480-09			10	15
NV-480-10				16
NV-480-11		6	8	12
NV-480-12				13
NV-480-13			10	15
NV-480-14				16
NV-480-15		7	8	12
NV-480-16				13
NV-520-01	Φ 520	3	13	20
NV-520-02		4	10	15
NV-520-03				16
NV-520-05				13
NV-520-06		5	10	15
NV-520-07				16
NV-520-08				13
NV-520-09		6	10	15
NV-520-10				16
NV-520-11				13
NV-520-12		7	10	15
NV-520-13				16
NV-520-14		8	13	20
NV-520-15		10	10	15
NV-520-16				16
NV-640-01	Φ 640	5	16	25
NV-640-02		6	13	20
NV-640-03			16	25
NV-640-04		7	13	20

SAFETY COMPONENTS

- SAFETY GEAR
- OVER SPEED GOVERNOR
- BUFFER

OVER SPEED GOVERNOR

Unidirectional for MR

NV52-XS1

Unidirectional for MR

NV52-240

Bi-Directional for MR

Using with Rope Brake NV53-250M

NV52-240B

Bi-Directional for MR

Using with Rope Brake NV53-250E

NV52-240F

Unidirectional for MRL

NV52-XS2(Y)

Unidirectional for MRL

NV52-240A

Unidirectional for MRL

NV52-208

Unidirectional for MRL

NV52-208(A)

Bi-Directional for MRL

NV52-186

Bi-Directional for MRL

NV52-186A

Bi-Directional for MRL

NV52-187

Bi-Directional for MRL

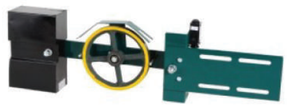
NV52-240E

OVER SPEED GOVERNOR

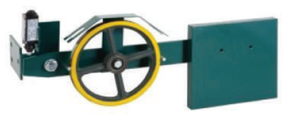
Nova Code	Speed	Sheave Diameter(mm)	Governor Rope(mm)	Tension(N)	Control Position	Production Type	Application
NV52-240	≤2.5 m/s	Φ240	Φ6/Φ8/Φ6.3	800~1500	Cabin/Counterweight	Single direction	MR
NV52-240A	≤1.75 m/s	Φ240	Φ6/Φ8/Φ6.3	800~1500	Cabin/Counterweight	Single direction	MRL
NV52-240B	≤2.5 m/s	Φ240	Φ6/Φ8/Φ6.3	800~1500	Cabin/Counterweight	Double direction	MR
NV52-240E	≤0.63 m/s	Φ240	Φ6/Φ8/Φ6.3	800~1500	Cabin/Counterweight	Double direction	MRL
NV52-240F	≤2.5 m/s	Φ240	Φ6/Φ8/Φ6.3	800~1500	Cabin/Counterweight	Double direction	MR
NV52-187	≤1.0 m/s	Φ200/Φ240	Φ6/Φ6.3	≥500	Cabin/Counterweight	Double direction	MRL
	≤1.75 m/s	Φ240	Φ6/Φ8/Φ6.3				
	≤2.0 m/s	Φ300	Φ8				
NV52-186	≤0.63 m/s	Φ200	Φ6	≥500	Cabin/Counterweight	Double direction	MRL
NV52-186A	≤0.4 m/s	Φ150	Φ6	≥500	Cabin/Counterweight	Double direction	MRL
NV52-208	≤1.75 m/s	Φ200	Φ6	800~1500	Cabin/Counterweight	Single direction	MRL
NV52-208A	≤1.75 m/s	Φ200	Φ6	800~1500	Cabin/Counterweight	Single direction	MRL
NV52-XS1	≤4.0 m/s	Φ320	Φ8	1000~1500	Cabin/Counterweight	Single direction	MR
NV52-XS2(Y)	≤1.0 m/s	Φ200	Φ6	700~1200	Cabin/Counterweight	Single direction	MRL

TENSION DEVICE

NV52-300



NV52-200



NV52-100

Tension Device	Application for Over Speed Governor
NV52-300	NV52-240, NV52-240A, NV52-240B, NV52-240E, NV52-240F
NV52-200	NV52-187, NV52-208, NV52-208(A)
NV52-100	NV52-186

SAFETY GEAR

Progressive Safety Gear


NV51-210A


NV51-210B


NV51-188


NV51-188A


NV51-188B

Instantaneous Safety Gear

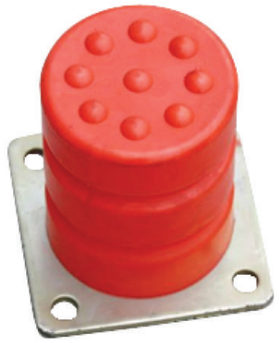

NV51-088

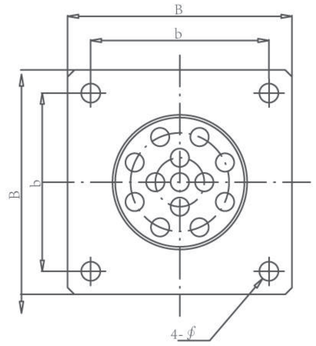

NV51-288

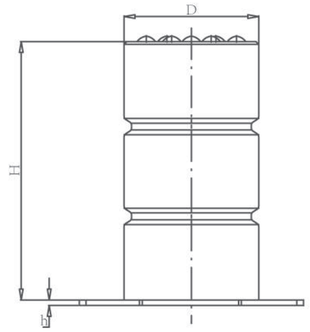

NV51-388

Progressive Safety Gear	NV51-210A	Lift rated speed	⩽2.5m/s
		Allowable gross mass(P+Q)	947-4122kg
		Width of guide rail	9/10/15.88/16mm
	NV51-210B	Lift rated speed	⩽2.5m/s
		Allowable gross mass(P+Q)	538-3480kg
		Width of guide rail	10/15.88/16mm
	NV51-188	Lift rated speed	⩽2.5m/s
		Allowable gross mass(P+Q)	809-5125kg
		Width of guide rail	10/15.88/16mm
	NV51-188A	Lift rated speed	⩽2.5m/s
		Allowable gross mass(P+Q)	1143-6292kg
		Width of guide rail	10/15.88/16mm
	NV51-188B	Lift rated speed	⩽2.5m/s
		Allowable gross mass(P+Q)	565-3240kg
		Width of guide rail	10/15.88/16mm
Instantaneous Safety Gear	NV51-088	Lift rated speed	⩽0.63m/s
		Allowable gross mass(P+Q)	⩽1271kg(10mm) & ⩽1627kg(16mm)
		Width of guide rail	10&16mm
	NV51-288	Lift rated speed	⩽0.63m/s
		Allowable gross mass(P+Q)	⩽8500kg
		Width of guide rail	15.88/16mm
	NV51-388	Lift rated speed	⩽0.63m/s
		Allowable gross mass(P+Q)	⩽12500kg
		Width of guide rail	15.88/16mm

RUBBER BUFFER







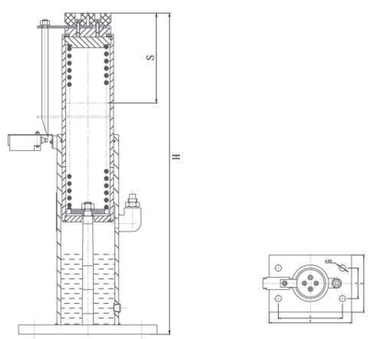
Model	Maximum Compression stroke(mm)	Specification (ΦD×H)	Load Capacity P+Q(kg)	Mounting Dimensions				Nominal Velocity
				B	b	h	f	
NV54-A-01	70	ϕ 65×80	200~1200	95	65	4	12	⩽1.0m/s
NV54-A-02	70	ϕ 80×80	200~1200	108	80	4	12	⩽1.0m/s
NV54-A-03	84	ϕ 80×100	200~2000	108	80	4	12	⩽1.0m/s
NV54-A-04	121	ϕ 80×128	200~2000	108	80	4	12	⩽1.0m/s
NV54-A-05	72	ϕ 100×80	500~2000	128	96	4	14	⩽1.0m/s
NV54-A-06	88	ϕ 100×100	500~2200	128	96	4	14	⩽1.0m/s
NV54-A-07	108	ϕ 100×120	500~2500	128	96	4	14	⩽1.0m/s
NV54-A-08	144	ϕ 100×160	500~3000	128	96	4	14	⩽1.0m/s
NV54-A-09	177	ϕ 100×200	500~2600	128	96	4	14	⩽1.0m/s
NV54-A-10	90	ϕ 120×100	500~3000	160	126	4	14	⩽1.0m/s
NV54-A-11	178	ϕ 120×192	1000~3500	160	126	4	14	⩽1.0m/s
NV54-A-12	127	ϕ 130×150	800~4800	160	126	4	14	⩽1.0m/s
NV54-A-13	184	ϕ 130×200	1000~4200	160	126	4	14	⩽1.0m/s
NV54-A-14	108	ϕ 140×120	500~3000	160	126	4	14	⩽1.0m/s
NV54-A-15	162	ϕ 150×180	1800~4000	200	156	4	14	⩽1.0m/s
NV54-A-16	199	ϕ 150×240	1000~4500	200	156	4	14	⩽1.0m/s
NV54-A-17	185	ϕ 160×200	1800~5800	200	156	4	14	⩽1.0m/s
NV54-A-18	144	ϕ 200×160	1800~6000	246	196	4	16	⩽1.0m/s
NV54-A-19	182	ϕ 200×200	1800~7500	246	196	4	16	⩽1.0m/s
NV54-A-20	198	ϕ 200×220	1800~7800	246	196	4	16	⩽1.0m/s
NV54-A-21	225	ϕ 200×250	1800~8000	246	156	4	14	⩽1.0m/s
NV54-A-22	180	ϕ 250×200	2000~8000	320	250	4	18	⩽1.0m/s
NV54-A-23	220	ϕ 250×250	2000~8200	320	250	4	18	⩽1.0m/s
NV54-A-24	299	ϕ 250×320	2000~8500	320	250	6	18	⩽1.0m/s
NV54-A-25	230	ϕ 320×250	2000~9000	400	315	6	22	⩽1.0m/s

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

OIL BUFFER

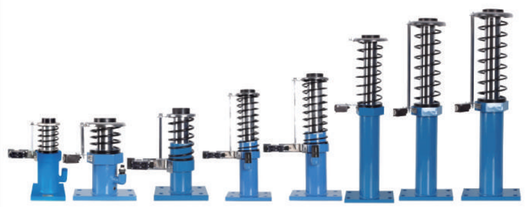
Oil Buffer with Inside Spring

NV55-10 NV55-16 NV55-20

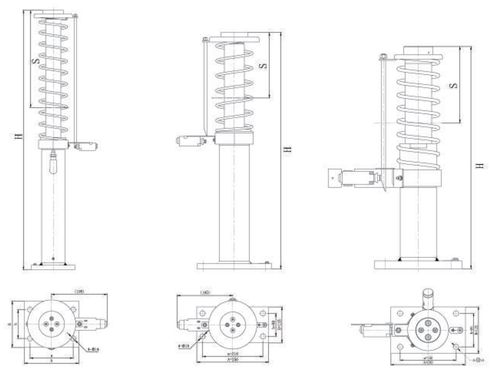


NV55-10,NV55-16,NV55-20

Oil Buffer with Outside Spring



NV55-65 NV55-70 NV55-80 NV55-175 NV55-210 NV55-220 NV55-275 NV55-425



NV55-65,NV55-425 NV55-220,NV55-70,NV55-275 NV55-80,NV55-175,NV55-210

Nova Code	Rated Speed (m/s)	P+Q (Kg)	Plunger Stroke (mm)	Free Height (mm)	a*b (mm)	A*B (mm)	Oil Mass (L)
NV55 -10	≤1.0	300-2500	100	390	150*90	180*125	0.5
NV55 -16	≤1.6	700-5300	175	625	210*100	270*150	1.7
NV55 -20	≤2.0	1000-5300	290	915	210*100	270*150	2.6
NV55 -65	≤0.63	500-4600	65	350	150*100	190*160	0.45
NV55 -70	≤1.0	300-2500	70	305	210*80	250*125	0.5
NV55 -80	≤1.0	600-3000	80	315	150*90	200*125	0.4
NV55 -175	≤1.6	600-3000	175	510	150*90	200*125	0.6
NV55 -210	≤1.75	700-3600	210	600	150*90	200*125	0.8
NV55 -220	≤1.75	600-2500	220	780	210*80	250*125	1.3
NV55 -275	≤2.0	800-3800	275	790	210*80	250*125	1.5
NV55 -425	≤2.5	820-3600	425	1130	150*100	190*160	2.5

ELECTRICAL COMPONENTS

- PUSH BUTTON, COP, LOP
- SERIAL CONTROLLING SYSTEM AND PARALLEL CONTROLLING SYSTEM
- ARD, UPS, LOAD WEIGHING DEVICE, ACCESS CONTROL SYSTEM
- TRAVELLING CABLE AND ROUND CABLE
- ELECTRICAL PARTS

SAFETY

COMFORT

EFFICIENCY

ALL CABLE

Cable

Cable Harness

ELECTRICAL PARTS

COP

LOP

Push Button

Display

DOOR SYSTEM

Door System

Door System

HOISTWAY PARTS

Inspection Box

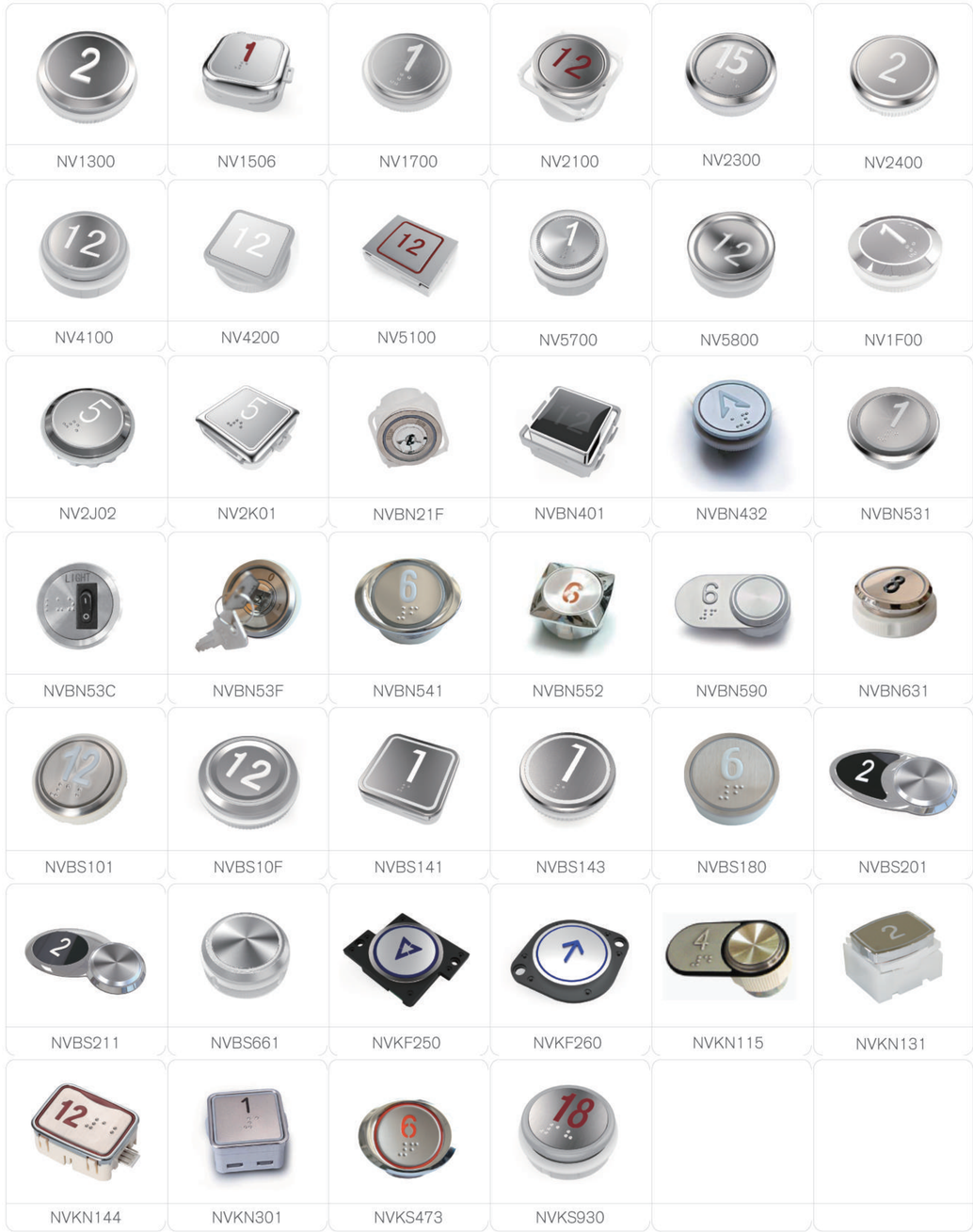
Intercom

Limit Switch

Photo-electric Switch

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

PUSH BUTTON



NV1300	NV1506	NV1700	NV2100	NV2300	NV2400
NV4100	NV4200	NV5100	NV5700	NV5800	NV1F00
NV2J02	NV2K01	NVBN21F	NVBN401	NVBN432	NVBN531
NVBN53C	NVBN53F	NVBN541	NVBN552	NVBN590	NVBN631
NVBS101	NVBS10F	NVBS141	NVBS143	NVBS180	NVBS201
NVBS211	NVBS661	NVKF250	NVKF260	NVKN115	NVKN131
NVKN144	NVKN301	NVKS473	NVKS930		

Electrical parameter:

1) Travel: 0.3~0.6mm
2) Pressure: 2.5~5N
3) Current: 12±3mA
4) Voltage: 24V
5) Lifespan: 3000000 times
6) Electrical lifespan for alarm: 30000 times
7) Light color: Red, white, blue, green, yellow, orange

COP, LOP, HOP

Standard COP ,LOP

NVX131	NVX163	NVX181	NVX191	NVX211	NVX217	NVXG271
NVC131	NVC163	NVC181	NVC191	NVC212	NVC217	NVC271

NVXG411	NVXG101	NVXG153	NVXG191	NVXG291	NVXG311	NVXG451
NVC411	NVCG101	NVCG153	NVCG191	NVCG291	NVCG311	NVCG451

Wall Mounted Lop & Hop

NVXG231	NVXG251	NVXG252	NVXG273	NVXG274	NVMG201
NVMG251	NVZG112	NVZG201	NVBG252	NVBG301	NVBG411

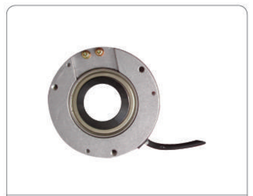
CONTROL CABINET ACCESSORIES

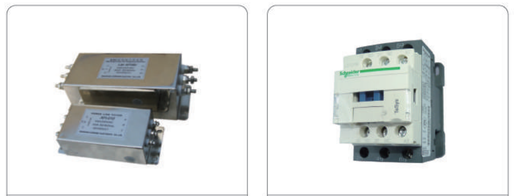
Inverter

Nova Code	Power (KW)	Input Current (A)	Output Current (A)	Resistor		Filter	Braking Unit
NV-LB4A0009	3.7	10.4	9.2	1000W/72	1 nos	20A	Built-in
NV-LB4A0015	5.5	15	14.8	1000W/72	1 nos	20A	
NV-LB4A0018	7.5	20	18	1000W/72	2 nos	36A	
NV-LB4A0024	11	29	24	1000W/70	2 nos	36A	
NV-LB4A0031	15	39	31	1500W/70	3 nos	50A	
NV-LB4A0039	18.5	44	39	1500W/70	3 nos	50A	
NV-LB4A0045	22	43	45	2500W/65	3 nos	50A	
NV-LB4A0060	30	58	60	2500W/65	3 nos	65A	
NV-LB4A0075	37	71	75	2000W/70	6 nos	80A	2 nos
NV-LB4A0091	45	86	91	1500W/70	8 nos	100A	2 nos

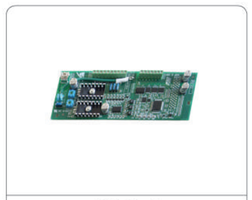
Other Accessories


Encoder for Synchronous Machine


Encoder for Asynchronous Machine


Input Filer

Contactor


PG Card

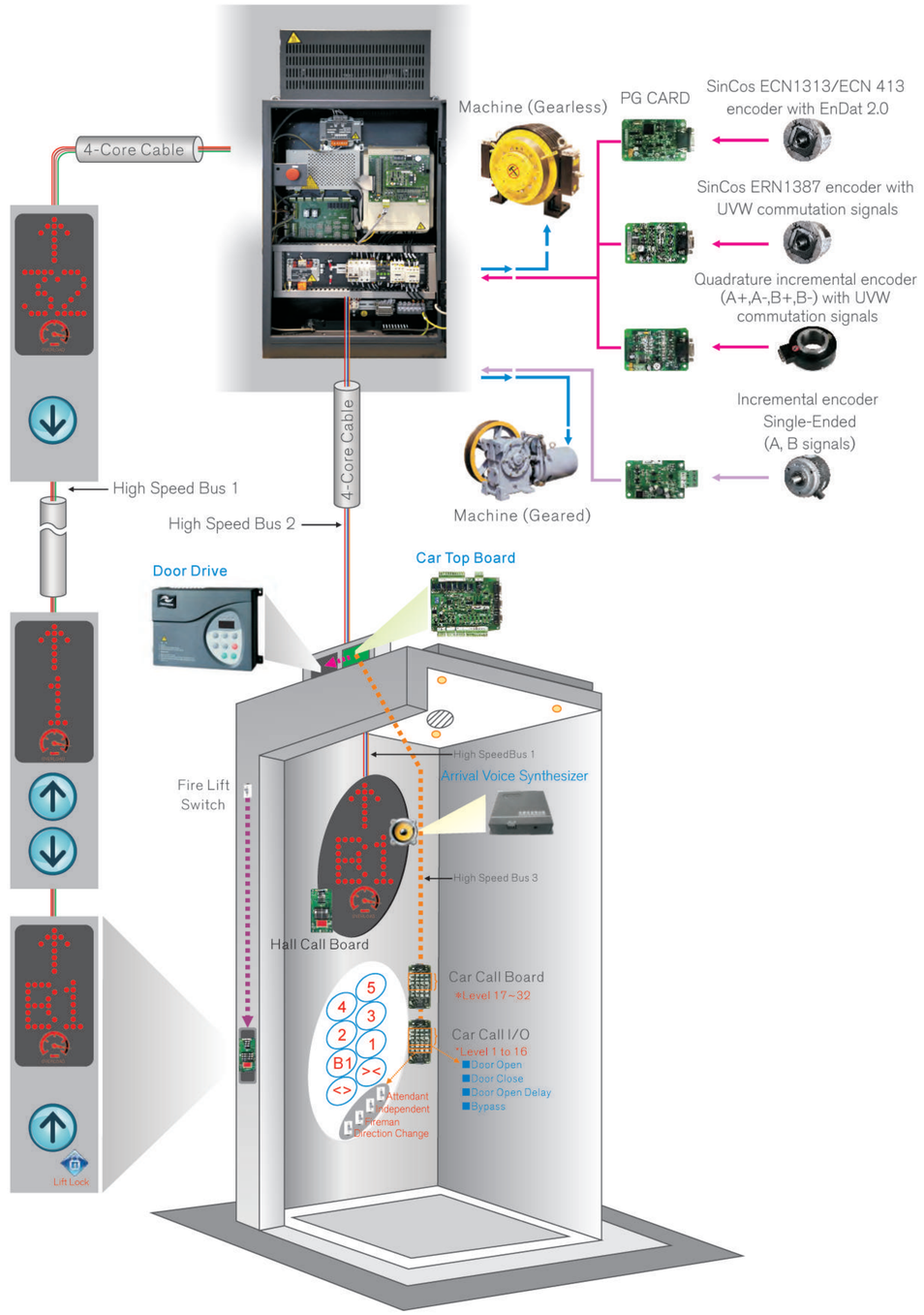

Braking Unit


Resistor


Transformer For Controlling Cabin

SERIAL CONTROLLING SYSTEM

Landing Operation Panel (LOP) (Standard 32-Floors Full Collective)	Integrated Controller / Car Operation Panel (COP)	Motor Type	Feedback Type



SERIAL CONTROLLING SYSTEM (MODEL: NV3000 new)

NV3000 New Controller Model

3 Phase 380/400/415V

Model Code	Frame	Input Current(A)	Output Current(A)	Typical Motor(kW)	Dimension			Dimension			Braking Unit
		3ØPh	3ØPh		Height(H)	Width(W)	Depth(D)	Max resistor(Ω)	Min resistor(Ω)	Power of braking resistor(W)	
NV-L-A/B-4002	C	6.5	5.1	2.2	347.0mm	223.0mm	143.0mm	290.0	230.0	600	Built-In
NV-L-A/B-4003	C	10.5	9.0	3.7	347.0mm	223.0mm	143.0mm	170.0	135.0	1100	
NV-L-A/B-4005	C	14.8	13.0	5.5	347.0mm	223.0mm	143.0mm	115.0	90.0	1600	
NV-L-A/B-4007	D	20.5	18.0	7.5	347.0mm	223.0mm	173.5mm	85.0	65.0	2500	
NV-L-A/B-4011	D	29.0	27.0	11.0	347.0mm	223.0mm	173.5mm	55.0	43.0	3500	
NV-L-A/B-4015	D	36.0	33.0	15.0	347.0mm	223.0mm	173.5mm	43.0	35.0	4500	
NV-L-A/B-4018	E	41.0	39.0	18.5	350.0mm	210.0mm	188.0mm	34.0	25.0	5500	
NV-L-A/B-4022	E	49.5	48.0	22.0	350.0mm	210.0mm	188.0mm	24.0	22.0	6500	
NV-L-A/B-4030	E	62.0	60.0	30.0	554.5mm	289.6mm	223.0mm	20.0	16.0	9000	
NV-L-A/B-4037	F	77.0	75.0	37.0	549.0mm	385.0mm	265.0mm	16.0	13.0	11000	External
NV-L-A/B-4045	F	93.0	91.0	45.0	549.0mm	385.0mm	265.0mm	14.0	11.0	13500	

Three-Phase Or Single-Phase 220V

Model Code	Frame	Input Current(A)		Output Current(A)		Typical Motor(kW)	Dimension			Dimension			Braking Unit
		1ØPh	3ØPh	1ØPh	3ØPh		Height(H)	Width(W)	Depth(D)	Max resistor(Ω)	Min resistor(Ω)	Power of braking resistor(W)	
NV-L-A/B-2002	C	9.2	11.0	5.2	9.6	1.1/2.2	347.0mm	223.0mm	143.0mm	145.0/72.0	125.0/65.0	300/600	Built-In
NV-L-A/B-2003	C	13.3	17.0	7.5	14.0	1.5/3.7	347.0mm	223.0mm	143.0mm	105./54.0	90.0/50.0	450/1100	
220-NV-L-A/B-4007	D	17.9	20.5	10.3	18.0	2.2/4.0	347.0mm	223.0mm	173.5mm	72.0/40.0	63.0/35.0	600/1200	
220-NV-L-A/B-4011	D	25.3	29.0	15.5	27.0	3.7/5.5	347.0mm	223.0mm	173.5mm	43.0/29.0	37.0/25.0	1100/1600	
220-NV-L-A/B-4015	D	31.3	36.0	19.0	33.0	4.0/7.5	347.0mm	223.0mm	173.5mm	40.0/26.0	35.0/22.0	1200/2500	
220-NV-L-A/B-4018	E	34.6	41.0	22.5	39.0	5.5/11.0	350.0mm	210.0mm	188.0mm	29.0/14.5	25.0/13.0	1600/3500	
220-NV-L-A/B-4022	E	42.6	49.0	27.7	48.0	11.0/15.0	350.0mm	210.0mm	188.0mm	18.0/13.0	16.0/12.5	3500/4500	
220-NV-L-A/B-4030	E	52.6	62.0	34.6	60.0	15.0/18.5	554.5mm	289.6mm	223.0mm	13.0/12.5	13.0/12.0	4500/5500	

Notes: For more information, please contact our local office

NV3000 New Controller Accessories


Group Controlling Board
MCTC-GCB-A-NV


Car Top Board
MCTC-CTB-A-NV


No Display Board
MCTC-HCB-B-NV


Instruction Board
MCTC-CCB-A-NV


Pre-open Module
MCTC-SCB-A-NV


Display Board
MCTC-HCB-F-NV


Display Board
MCTC-HCB-H-NV


Display Board
MCTC-HCB-R1-NV


3.5"
Display Board
MCTC-HCB-D2-NV


4.3"
Display Board
MCTC-HCB-U1-NV


7"
Display Board
MCTC-HCB-V1-NV


7"
Display Board
MCTC-HCB-V2-NV


4.3"
Display Board
MCTC-HCB-T1-NV


7"
Horizontal Display Board
MCTC-HCB-T2-NV


7"
Vertical Display Board
MCTC-HCB-T2-NV


10"
Display Board
MCTC-HCB-T3-NV

SERIAL CONTROLLING SYSTEM (MODEL: NV380)

NV380 Controller Model

Model Code	Rated Power (kVA)	Rated Output Current (A)	Suitable Motor Power (kW)
200V Inverter			
2S01P1	2.3	6.0	1.1
2S02P2	4.6	12	2.2
2S03P7	6.9	18	3.7
2T05P5	9.5	25	5.5
2T07P5	12.8	33	7.5
2T0011	17.9	47	11
2T0015	23	60	15
2T18P5	29	75	18.5
2T0022	32	80	22

Model Code	Rated Power (kVA)	Rated Output Current (A)	Suitable Motor Power (kW)
400V Inverter			
4T01P1	2.7	3.5	1.1
4T02P2	4.7	6.2	2..2
4T03P7	6.9	9	3.7
4T05P5	8.5	13	5.5
4T07P5	14	18	7.5
4T0011	18	27	11
4T0015	24	34	15
4T18P5	29	41	18.5
4T0022	34	48	22

NV380 Controller Accessories


Service Tool
SM.08/G-NV


Group Controlling Board
SM-GC-NV

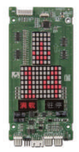

Car Control Board
SM.02/G-NV


Car Top Board
SM.02/H-NV

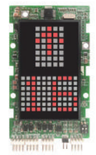

Instruction Board
SM-03-D-NV


Instruction Board
SM-03-E-NV


Extension Board
SM.09IO/B-NV


Display Board
SM.04VS/12-NV


Display Board
SM.04VS/13-NV


Display Board
SM.04VS/09-NV


Display Board
SM.04HL16/E-NV


Display Board
SM.04HL16/D-NV


Display Board
SM.04VL16/X-NV


Display Board
SM.04VL16/Y-NV


Display Board
SM.04TL/W-NV

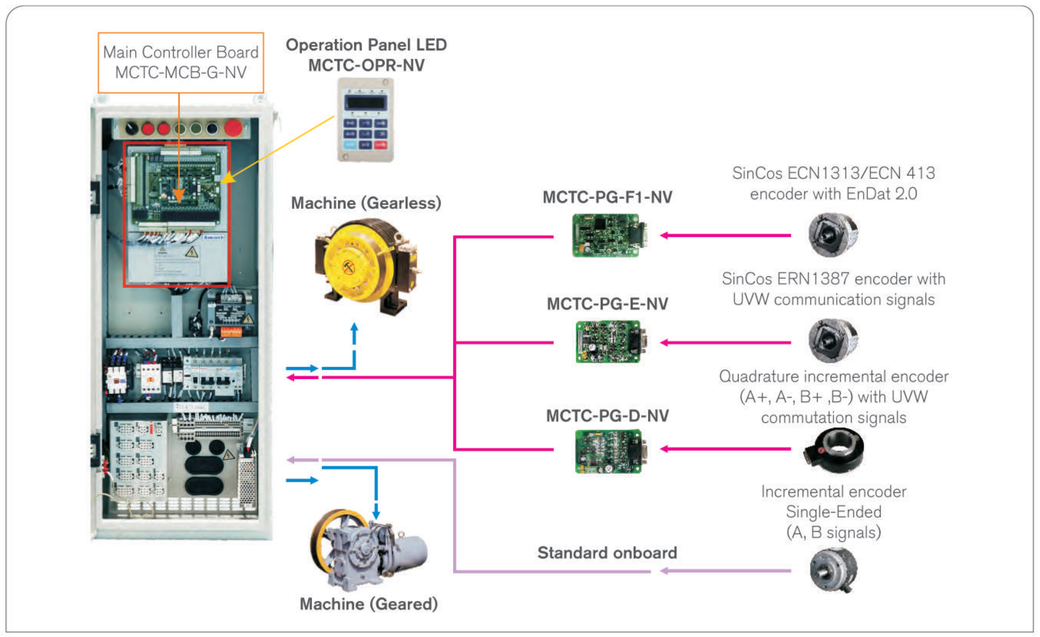

Display Board
SM.04TL/T-NV


Display Board
SM.04TL/G-NV


Display Board
SM.04TL/H-NV

PARALLEL CONTROLLING SYSTEM

Landing Operation Panel (LOP) (Standard 6-Floors Full Collective)	NV1000	Motor Type	Feedback Type
	Car Operation Panel (COP)		



Hall Call And Indicator Components

Elevator Components

Car Operation Panel	Car Top
 	**Car top Board Not-Required For more info, please contact our local offices.** Door Drive: NV 900 series  Door Motor 

PARALLEL CONTROLLING SYSTEM (MODEL: NV1000)

NV1000 Controller Model

3 Phase 380/400/415V

Model Code	Frame	Input Current(A)	Output Current(A)	Typical Motor(kW)	Dimension Height(H)	Dimension Width(W)	Dimension Depth(D)	Dimension Max resistor(Ω)	Dimension Min resistor(Ω)	Dimension Power of braking resistor(W)	Braking Unit
NV-L-A/B-4002	C	6.5	5.1	2.2	355.0mm	220.0mm	150.0mm	290.0	230.0	600	Built-in
NV-L-A/B-4003	C	10.5	9.0	3.7	355.0mm	220.0mm	150.0mm	170.0	135.0	1100	
NV-L-A/B-4005	C	14.8	13.0	5.5	355.0mm	220.0mm	150.0mm	115.0	90.0	1600	
NV-L-A/B-4007	D	20.5	18.0	7.5	347.5mm	223.0mm	167.5mm	85.0	65.0	2500	
NV-L-A/B-4011	D	29.0	27.0	11.0	347.5mm	223.0mm	167.5mm	55.0	43.0	3500	
NV-L-A/B-4015	D	36.0	33.0	15.0	347.5mm	223.0mm	167.5mm	43.0	35.0	4500	
NV-L-A/B-4018	E	41.0	39.0	18.5	554.5mm	289.6mm	223.0mm	34.0	25.0	5500	
NV-L-A/B-4022	E	49.5	48.0	22.0	554.5mm	289.6mm	223.0mm	24.0	22.0	6500	
NV-L-A/B-4030	E	62.0	60.0	30.0	554.5mm	289.6mm	223.0mm	20.0	16.0	9000	
NV-L-A/B-4037	F	77.0	75.0	37.0	To be advised △			16.0	13.0	11000	External
NV-L-A/B-4045	F	93.0	91.0	45.0				14.0	11.0	13500	

Three-Phase Or Single-Phase 220V

Model Code	Frame	Input Current(A) 1ØPh	Input Current(A) 3ØPh	Output Current(A) 1ØPh	Output Current(A) 3ØPh	Typical Motor(kW)	Dimension Height(H)	Dimension Width(W)	Dimension Depth(D)	Dimension Max resistor(Ω)	Dimension Min resistor(Ω)	Dimension Power of braking resistor(W)	Braking Unit
NV-L-G/V-2002	C	9.2	11.0	5.2	9.6	1.1/2.2	355.0mm	220.0mm	150.0mm	145.0/72.0	125.0/65.0	300/600	Built-in
NV-L-G/V-2003	C	13.3	17.0	7.5	14.0	1.5/3.7	355.0mm	220.0mm	150.0mm	105./54.0	90.0/50.0	450/1100	
220-NV-L-G/V-4007	D	17.9	20.5	10.3	18.0	2.2/4.0	347.5mm	223.0mm	167.5mm	72.0/40.0	63.0/35.0	600/1200	
220-NV-L-G/V-4011	D	25.3	29.0	15.5	27.0	3.7/5.5	347.5mm	223.0mm	167.5mm	43.0/29.0	37.0/25.0	1100/1600	
220-NV-L-G/V-4015	D	31.3	36.0	19.0	33.0	4.0/7.5	347.5mm	223.0mm	167.5mm	40.0/26.0	35.0/22.0	1200/2500	
220-NV-L-G/V-4018	E	34.6	41.0	22.5	39.0	5.5/11.0	554.5mm	289.6mm	223.0mm	29.0/14.5	25.0/13.0	1600/3500	
220-NV-L-G/V-4022	E	42.6	49.0	27.7	48.0	11.0/15.0	554.5mm	289.6mm	223.0mm	18.0/13.0	16.0/12.5	3500/4500	
220-NV-L-G/V-4030	E	52.6	62.0	34.6	60.0	15.0/18.5	554.5mm	289.6mm	223.0mm	13.0/12.5	13.0/12.0	4500/5500	

Notes: For more information, please contact our local office

Display For COP

NV62C-100	NV62C-300	NV62C-330	NV62C-401	NV62C-500

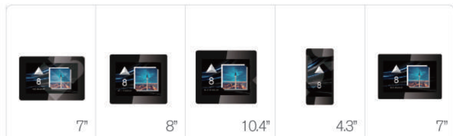
Display For HOP

NV62H-100	NV62H-310	NV62H-411	NV62H-430

Display For LOP

NV62L-100	NV62L-310	NV62L-330	NV62L-430	NV62L-500

TFT Display



7"	8"	10.4"	4.3"	7"
NV62T-102	NV62T-103	NV62T-104	NV62T-604	NV62T-607

ARD & UPS

Type: NV65XM Series

Single Phase

Parameter	NV65XM-ARD-10E	NV65XM-ARD-15E	NV65XM-ARD-18.5E
Rated charging voltage	55V	55V	55V
Rated charging current	0.3A	0.3A	4A
Rated output voltage	380Vac sine wave	380Vac sine wave	380Vac sine wave
Rated output frequency	50Hz (60Hz)	50Hz (60Hz)	50Hz (60Hz)
Rated output current	1.32A	2.63A	3.68A
Rated elevator direction	The direction of lightload	The direction of lightload	The direction of lightload
Inverter power	<=10KW	<=15KW	<=22KW
storage battery	12V/7AH×4	12V/12AH×4	12V/24AH×4
Size (without bracket)	450×630×165	505×705×180	780×605×195
Weight (without battery)	30KG	38KG	48KG
Weight (with battery)	38KG	47KG	80KG

Three Phase

Parameter	NV65XM-3ARD-15E	NV65XM-3ARD-22E	NV65XM-3ARD-37E	NV65XM-3ARD-55E
Rated charging voltage	55V	82V	82V	82V
Rated charging current	1.4A	1.4A	2.4A	2.4A
Rated output voltage	380Vac sine wave	380Vac sine wave	380Vac sine wave	380Vac sine wave
Rated output frequency	50Hz (60Hz)	50Hz (60Hz)	50Hz (60Hz)	50Hz (60Hz)
Rated output current	3A	5.5A	8.2A	11A
Rated elevator direction	The direction of lightload	The direction of lightload	The direction of lightload	The direction of lightload
Inverter power	<=15KW	<=22KW	<=37KW	<=55KW
storage battery	12V/7AH×4	12V/12AH×6	12V/24AH×6	12V/24AH×6
Size (without bracket)	530×600×190	600×715×220	600×715×220	600×715×220

Output Current	4.5A
Input Frequency	50Hz/60Hz
Output Power	500W (MAX)
The Input Wiring	single-phase AC power
Input Voltage	220VAC
Output Voltage	DC110V/DC220V/AC220V

overload capacity

1) load ≤ 105%, normal output;

2) 105% - 150% load, 10 seconds and then shut out output;

3) load >150%, immediately turn off the output;

ARD

Type: NV65AP Series

Feature:

Smart CPU Control

Support the lift in 7.5HP~47HP

Small, Light & Easy to install

MODEL		NV65AP-ARD-10	NV65AP-ARD-15	NV65AP-ARD-25	NV65AP-ARD-35	NV65AP-ARD-45	NV65AP-ARD-60
Capacity		7.5HP	11HP	22HP	35HP	39HP	47HP
AC Input		415V / 220VAC + 15% - 20% Three Phase Input. 50/60Hz ± 10%					
DC Voltage		48Vdc / 60Vdc / 72Vdc / 96Vdc / 120Vdc/144Vdc/180Vdc					
Charger Type		Controlled Rectifier CVCC					
Charging Time		10 Hours for 90% of Full Battery Capacity					
Inverter	Technology	IGBT based PWM Sine Wave					
	Output Voltage	400V / 415V / 200Vac Three Phase 50/60Hz ± 0.1Hz					
	Inverter Efficiency	85%					
	Overload	105% continuous					
	Harmonic Distortion	<3% on Linear load					
	Crest Factor	4:1					
	Power Factor	0.8					
	Phase Displacement	120° ± 1°					
Dimension (LxWxD)		530x400x195mm					
LCD Display		AC normal, Inverter normal, Batter low, overload					
Protection		Output Overload & Short circuit DC Under & Over Voltage					

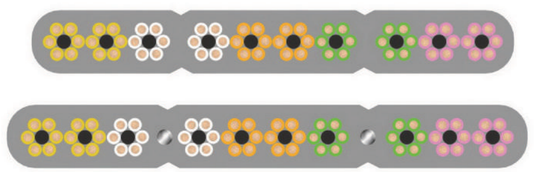
*Specifications are subject to change without prior notice due to constant improvement in design & technology.

ELEVATOR CABLE

227IEC 71F(TVVB) Elevator Flat PVC Control Cable

Type	Conductor Section(mm²)	Conductor Construction(mm²)	Overall diameter Dia.(mm)	70℃ Insulated Resister (MΩ·KM)	20℃ Conductor DC Resister (Ω/KM)
227IEC71f(TVVB)	3×2.5	49/0.25	15.5×6.2	≥0.009	≤7.98
227IEC71f(TVVB)	4×1.5	30/0.25	18.5×7.5	≥0.010	≤13.3
227IEC71f(TVVB)	4×0.75	24/0.25	12.6×4.5	≥0.011	≤26.0
227IEC71f(TVVB)	12×1.0	40/0.18	32×5.0	≥0.010	≤19.5
227IEC71f(TVVB)	16×1.0	40/0.18	47.7×5.2	≥0.010	≤19.5
227IEC71f(TVVB)	12×0.75	30/0.18	34.5×4.8	≥0.011	≤26.0
227IEC71f(TVVB)	18×0.75	30/0.18	51.5×5.0	≥0.011	≤26.0
227IEC71f(TVVB)	20×0.75	24/0.2	56.5×4.6	≥0.011	≤26.0
227IEC71f(TVVB)	24×0.75	30/0.18	61.5×5.2	≥0.011	≤26.0
227IEC71f(TVVB)(G)	6×0.75	30/0.18	24.5×5.0	≥0.011	≤26.0
227IEC71f(TVVB)(G)	12×0.75	30/0.18	44×5.0	≥0.011	≤26.0
227IEC71f(TVVB)(G)	18×1.0	40/0.18	58.1×5.0	≥0.010	≤19.5
227IEC71f(TVVB)(G)	24×0.75	30/0.18	70.6×5.0	≥0.011	≤26.0
227IEC71f(TVVB)(G)	24×0.75	30/0.18	73.6×5.5	≥0.011	≤26.0

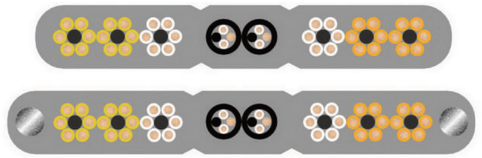
TVVB TVVBG Elevator Flat PVC Control Cable



Type	Conductor Section(mm²)	Conductor Construction(mm²)	Overall diameter Dia.(mm)	70℃ Insulated Resister (MΩ·KM)	20℃ Conductor DC Resister (Ω/KM)
TVVB	20×0.75	30/0.18	29.9×9.0	≥0.011	≤26.0
TVVB	24×0.75	30/0.18	30.5×9.1	≥0.011	≤26.0
TVVBG	2×1.0+TV(SYV75-4)	7/0.24+50/0.16	15.8×7.6	≥0.010	≤19.5
TVVB	20×0.75+(2×2)×0.75	30/0.18	44.2×9.1	≥0.011	≤26.0
TVVB	36×0.75+(2×2)×0.75	30/0.18	62.0×10.0	≥0.011	≤26.0
TVVB	48×0.75+(2×2)×0.75	30/0.18	68.5×10.0	≥0.011	≤26.0
TVVBG	30×0.75	30/0.18	53×8.6	≥0.011	≤26.0
TVVBG	36×0.75	30/0.18	54.0×9.5	≥0.011	≤26.0
TVVBG	40×0.75	30/0.18	58×8.2	≥0.011	≤26.0
TVVBG	42×0.75	30/0.18	66.6×9.7	≥0.011	≤26.0
TVVBG	48×0.75	30/0.18	67.2×9.5	≥0.011	≤26.0
TVVBG	60×0.75	30/0.18	80.0×9.5	≥0.011	≤26.0
TVVB	30×0.75	30/0.18	44.2×9.1	≥0.011	≤26.0
TVVB	36×0.75	30/0.18	42.5×9.0	≥0.011	≤26.0
TVVB	40×0.75	30/0.18	5.25×9.0	≥0.011	≤26.0
TVVB	42×0.75	30/0.18	54.1×9.7	≥0.011	≤26.0
TVVB	48×0.75	30/0.18	58.0×9.6	≥0.011	≤26.0

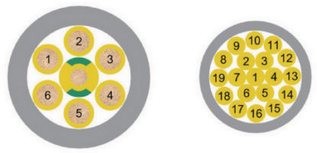
ELEVATOR CABLE

TVVBP TVVBPG Elevator Flat PVC Control Cable



Type	Conductor Section(mm²)	Conductor Construction(mm²)	Overall diameter Dia.(mm)	70℃ Insulated Resister (MΩ·KM)	20℃ Conductor DC Resister (Ω/KM)
TVVBP	36×0.75+(2×2P)×0.75	30/0.18	62.0×9.8	≥0.011	≤26.0
TVVBP	36×0.75+(2×2P)×0.75+TV(STV75-4)	30/0.18	61.5×9.0	≥0.011	≤26.0
TVVBP	42×0.75+(2×2P)×0.75	30/0.18	61.5×9.0	≥0.011	≤26.0
TVVBP	48×0.75+(2×2P)×0.75	30/0.18	68.5×10.0	≥0.011	≤26.0
TVVBP	30×0.75+(2×2P)×0.75	30/0.18	52.5×9.0	≥0.011	≤26.0
TVVBP	20×0.75+(2×2P)×0.75	30/0.18	44.2×9.1	≥0.011	≤26.0
TVVBP	24×0.75+(2×2P)×0.75	30/0.18	42.5×9.0	≥0.011	≤26.0
TVVBP	48×0.75+(2×2P)×0.75	30/0.18	68.5×9.5	≥0.011	≤26.0
TVVBPG	36×0.75+(2×2P)×0.75	30/0.18	63.0×9.2	≥0.011	≤26.0
TVVBPG	36×0.75+(2×2P)×0.75+TV(SYV75-4)	30/0.18	72.5×9.9	≥0.011	≤26.0
TVVBPG	42×0.75+(2×2P)×0.75	30/0.18	75.0×9.8	≥0.011	≤26.0
TVVBPG	48×0.75+(2×2P)×0.75	30/0.18	80.0×9.5	≥0.011	≤26.0
TVVBPG	20×0.75+(2×2P)×0.75	30/0.18	51.8×8.9	≥0.011	≤26.0
TVVBPG	24×0.75+(2×2P)×0.75	30/0.18	64.0×10.2	≥0.011	≤26.0
TVVBPG	30×0.75+(2×2P)×0.75	30/0.18	58.0×8.2	≥0.011	≤26.0
TVVBPG	40×0.75+(2×2P)×0.75	30/0.18	74.0×9.0	≥0.011	≤26.0

RVV RVVP Elevator Round PVC Control Cable



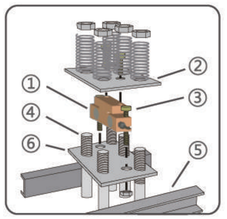
Type	Conductor Section(mm²)	Conductor Construction(mm²)	Overall diameter Dia.(mm)	70℃ Insulated Resister (MΩ·KM)	20℃ Conductor DC Resister (Ω/KM)
RVVV	2×0.75	30/0.18	5.6	≥0.013	≤39.0
RVVV	2×1.5	30/0.18	9.4	≥0.009	≤12.1
RVVV	2×0.75+1×2.0	30/0.18	5.6	≥0.013	≤19.5
RVVV	4×0.75	30/0.18	8.0	≥0.011	≤26.0
RVVV	4×1.5	30/0.18	9.5	≥0.013	≤19.5
RVVV	2×0.75+1×2.0	30/0.18	8.2	≥0.011	≤26.0
RVV	6×0.75	30/0.18	8.8	≥0.011	≤26.0
RVV	7×0.75	30/0.18	8.2	≥0.011	≤26.0
RVV	8×0.75	30/0.18	9.3	≥0.011	≤26.0
RVV	9×0.75	30/0.18	11.5	≥0.011	≤26.0
RVV	12×0.75	30/0.18	11.5	≥0.011	≤26.0
RVV	15×0.75	30/0.18	12.4	≥0.011	≤26.0
RVV	16×0.75	30/0.18	12.8	≥0.011	≤26.0
RVV	19×0.75	30/0.18	13.2	≥0.011	≤26.0
RVV	20×0.75	30/0.18	14.5	≥0.011	≤26.0
RVV	25×0.75	30/0.18	17.8	≥0.011	≤26.0
RVV	30×0.75	30/0.18	16.8	≥0.011	≤26.0
RVV	6×0.75+1×2.0	30/0.18+37/0.16	9.5	≥0.011/0.010	≤26.0/10.2
RVV	7×0.75+1×20	30/0.18+37/0.16	9.6	≥0.011/0.010	≤26.0/10.2
RVV	11×0.75+1×20	30/0.18+37/0.16	12.5	≥0.011/0.010	≤26.0/10.2
RVV	12×0.75+1×20	30/0.18+37/0.16	11.8	≥0.011/0.010	≤26.0/10.2
RVV	18×0.75+1×20	30/0.18+37/0.16	14.5	≥0.011/0.010	≤26.0/10.2

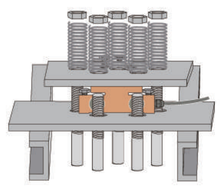
NV68-LC - MV59X

NV68-LC - MV59X

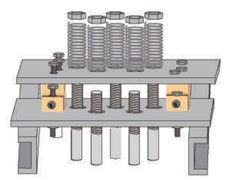
Power supply voltage	24V, ripple(p-p)10%	Temperature influence	-30℃~70℃, Max. of sensing distance at 23℃ in the temperature rang ± 5%
Sensing object	Magnetism object		
Measuring range	2~9mm(USDSC-BUS)		
Connection cable	1.2mm(USDSC-BUS)		
Temperature	-30℃~70℃	Voltage influence	±2.5% Max. of sensing distance in the rated voltage rang ± 5%
Indicator	Red Green LED		
Insulation resistance	50MΩ		
Dielectric strength	500VAC at 55/60Hz for 1min		

Sensor Installation Drawing





Installation of 1 sensor



Installation of 2 sensors

① sensor ② upper rope hitch plate ③ mounting bolt ④ hitch rod ⑤ support beam of traction machine ⑥ lower rope hitch plate

NV68-P-F

NV68-P-F

Rated load	1000/3000kg	Safe overload	150% F.S
Sensitivity	2.0±0.02% mV/V	Ultimate overload	200% F.S
Total error	±0.5% F.S	Excitation	5~12V DC
Creep error	±0.02% F.S	Max.excitation	15V DC
TC SPAN	±0.02% F.S/10℃	Insulation impedance	⩾5000MΩ
Working temperature	-30℃~+70℃	Protection class	IP67/IP68
Input impedance	760±10Ω	Construction	Alloy Steel
Output impedance	700±2Ω	Cable length	5m

NV68-P-E

NV68-P-E

Rated Load	1000 / 3000 / 5000KG	Safe Overload	150% F.S
Sensitivity	2.0±0.02% mV / V	Ultimate Overload	200% F.S
Total Error	±0.5% F.S	Excitation	5~12V DC
Creep Error	±0.02% F.S	Max.excitation	15V DC
TC SPAN	±0.02% F.S / 10℃	Insulation Impedance	⩾5000MΩ
Working Temperature	-30℃~+70℃	Protection Class	IP67 / IP68
Input Impedance	760±10Ω	Construction	Alloy Steel
Output Impedance	700±2Ω	Cable Length	5m

NV68-H-M

NV68-H-M

Rated Load	500 / 1000 / 3000KG	Safe Overload	150% F.S
Sensitivity	2.0±0.02% mV / V	Ultimate Overload	200% F.S
Total Error	±0.5% F.S	Excitation	5~12V DC
Creep Error	±0.02% F.S	Max.excitation	15V DC
TC SPAN	±0.02% F.S / 10℃	Insulation Impedance	⩾5000MΩ
Working Temperature	-30℃~+70℃	Protection Class	IP67 / IP68
Input Impedance	380±20Ω	Construction	Alloy Steel
Output Impedance	352±3Ω	Cable Length	1.8m

NV68-S-560

NV68-S-560

Power supply voltage	AC/DC16~65V	Temperature Range	-40~75℃
Power rating	⩽4W	Measuring Channel	2
Alarm relays	5	Bandwidth	30Hz
Max. switching voltage	380VAC	Sampling rate	100Hz
Max. peak current	16A	Internal Resolution Points	±32000
Rated current	8A	Acoustic, optic, electric alarm	Enable
Rated load (resistive) in AC1	2500VA	Delayed alarm	Enable
Rated load (inductive) in AC15	800VA	High compensation	Enable

LOAD WEIGHING DEVICE

NV68-MR100

NV68-MR100

Operating voltage	AC/DC16-48V	Rated load	3000Kg
Nominal power	⩽4W	Safe overload	150%
Relay number	1(overload)	Ultimate overload	200%
Contact load	8A 250VAC	Measuring precision	0.10%
Display type	4 digits 0.36inch LED	Operating temperature	-45℃ - +85℃
Display mode	weight/percentage	Size	90×84×58mm³
Reasonable rope number	1	Cable length	1m
Rope diameter	8-16mm	Protection class	IP65

NV68-MR200

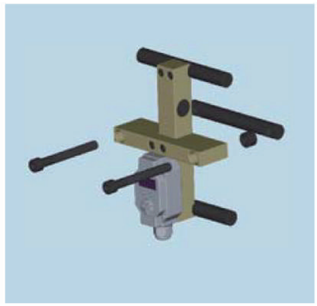
NV68-MR200

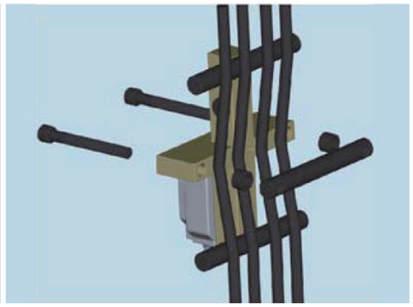
Power supply voltage	AC/DC16-65V	Analog output(optional)	
Power rating	⩽4W	Galvanically isolated	○
Alarm relays	3	Hold input	12V-230V AC/DC
Max. switching voltage	250VAC	Rope diameter	4mm-16mm
Max. peak current	5A	Measuring range	300kg-2500kg
Rated current	3A	Maximum load	5000kg
Rated load(resistive)in AC1	800VA	Dimensions	210mm×230mm×130mm
Rated load(inductive)in AC15	200VA	Length of cable set	3m(standard)

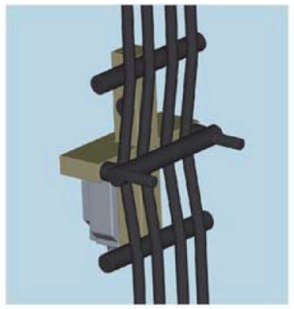
NV68-MR300

NV68-MR300

Power supply voltage	AC/DC16-65V	Analog output(optional)	
Power rating	⩽4W	Galvanically isolated	○
Alarm relays	3	Hold input	12V-230V AC/DC
Max. switching voltage	250VAC	Rope diameter	4mm-16mm
Max. peak current	5A	Measuring range	1000kg-5000kg
Rated current	3A	Maximum load	10000kg
Rated load(resistive)in AC1	800VA	Dimensions	306mm×230mm×130mm
Rated load(inductive)in AC15	200VA	Length of cable set	3m(standard)







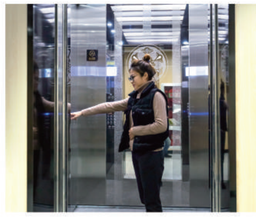
ACCESS CONTROL SYSTEM

NV68-098E type
(Installed on COP or LOP)

1) LOP calling elevator control: Swipe card to go into elevator
2) COP calling elevator without floor control : Swipe card and press push button to the desired floor

NV68-2000C type
(Installed on COP or LOP)

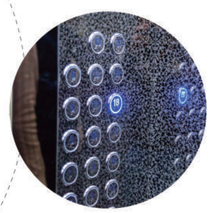
1. Call elevator



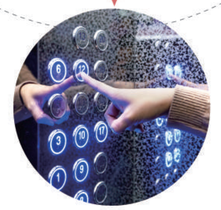
2. Enter cabin

A. Press push button of any floor

3. Read card



C. Automatically reach to the desired floor without pressing push button



B. Press push button of desired floor

A. Full Control Type: After stamping the card, card holder can go to any floor.
B. Floor Control Type: After stamping the card, car holder can only go to single floor or specific floors
C. Stamping Card Direct Arrival Type: After stamping the card, push button will light automatically to activate elevator runnning

INSPECTION BOX SERIES


NV68-141


NV68-151


NV681-900


NV681-A700 SAAZAAC


NV68421


NV68-JX07


NV68-411


NV68-431


NV68PA7-4


NV68311


NV68-241


NV68-341


NV681-A100XT


NV68-J174


NV68-932

SWITCH SERIES


NV68-1370


NV68-1700


NV68-1800


NV68-1421


NV68-1411


NV68-141


NV68-1127


NV68-P149


NV68-8108


NV68-1A100XT


NV68-UKS


NV68-UKT

TRANSFORMER, POWER BOX , EMERGENCY POWER

TRANSFORMER, POWER BOX


Transformer For Machine


Power Box
NV68-621

EMERGENCY POWER


NV68-132


NV68-133


NV68-RKP220/12D


NV68-RKP220/24H

FAN, AIR CONDITIONER


NV68-FB9B Fan


NV68-RAR Round Fan


Axial Fan


Air Conditioner

ALARM, GONG, VOICE ANNOUNCEMENT


Alarm 01


Alarm 02

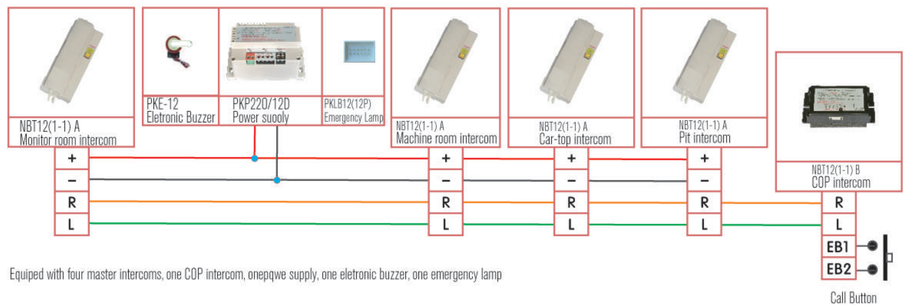

Arriving Gong 01


Arriving Gong 02


Voice Announcement

INTERCOM


NV68-211
Series



Equiped with four master intercoms, one COP intercom, onepqwe supply, one eletronic buzzer, one emergency lamp

WHO

specializes in elevator upgrades and modernization. Whether you're looking to make a few cosmetic changes or you want to completely strip out and replace the elevator interior and/or equipment, can perform your elevator upgrades or modernization.
What's more, we can usually do the job at a much lower cost than our competitors!

Based on a full inspection of your elevator equipment, will develop a detailed analysis and recommendations for what you should include in your modernization project. Having managed more than 11000 modernization projects, you can be assured we have the knowledge and experience to perform the job on time and within budget.

LIFT MODERNIZATION

WHY

- To improve the safety of your elevator
- Increase elevator operational efficiency and performance
- Improve the appearance of your elevators
- Add passenger comfort
- Extend the life of your equipment to help you get more from your initial investment

HOW

01 Old elevator investigation

02 Make up modernization plan

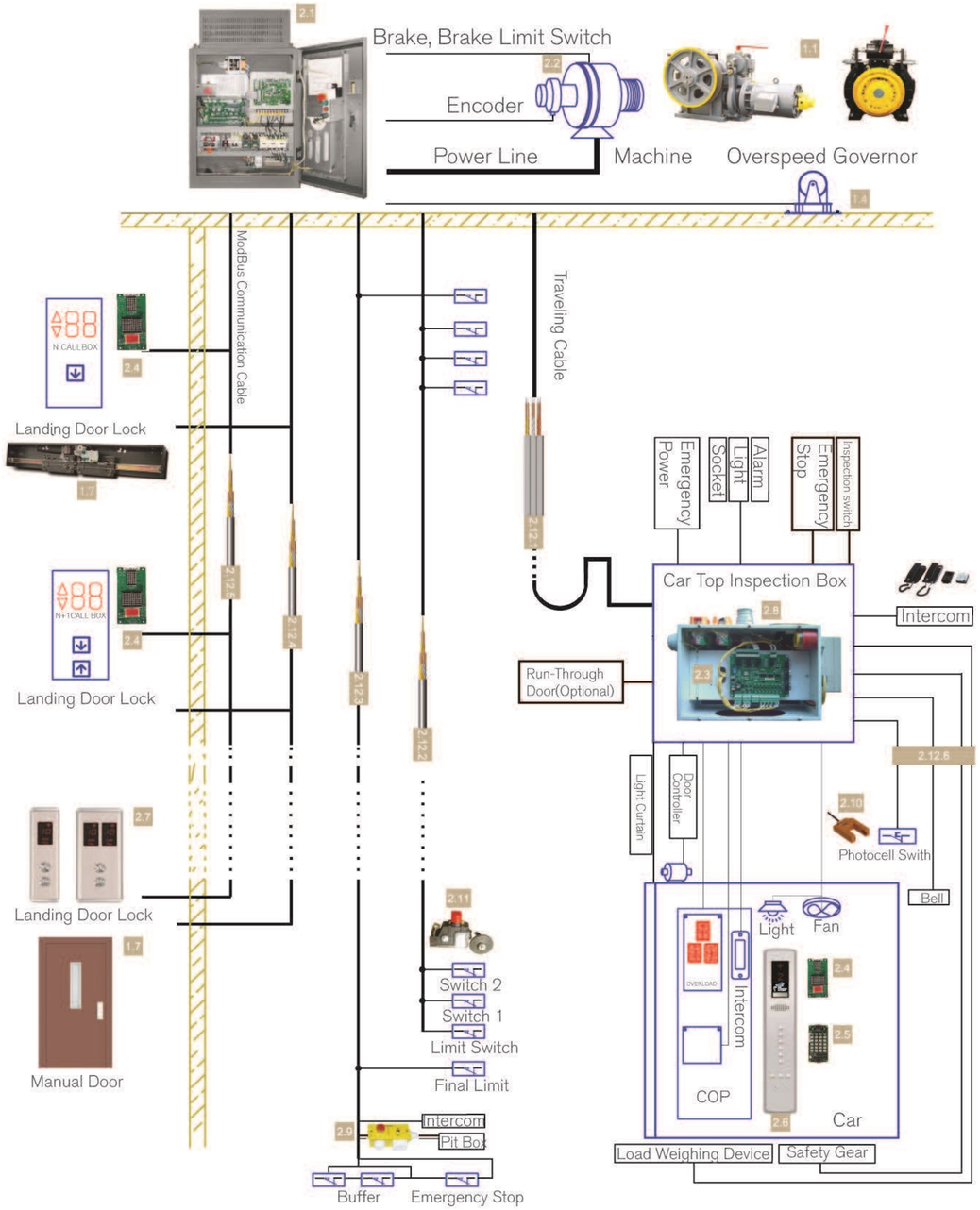
03 Production & QC Inspection

04 Commissioning & Testing the electrical system in testing center

05 Delivery & Installation

06 After-sales Service

1.1 SHAFT COMPONENTS
1.2 CABIN AND DW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE



According to different projects' situations, can provide complete modernization solutions which cover from design, manufacture,delivery to guidance for customers' installation and debugging. Comprehensive support can be supplied through the whole process of modernization. The following mechanical and electrical parts for customers'modernization can be designed and produced by us.

ITEM	PARTS NAME	SPECIFICATION
1	Mechanical Parts	
1.1	Traction Machine	VVVF Geared Machine or PM Gearless Machine
1.2	Traction Machine Bed Set	Made for the replaced Traction Machine
1.3	Deflector Sheave	For above Traction Machine
1.4	Over Speed Governor	Nova Standard
1.5	Steel Wire Rope	For above Traction Machine & Speed Governor
1.6	VVVF Door Operator	Replace the existing old door system
1.7	Landing Door System	Replace the existing old door system
2	Electrical Parts	
2.1	Complete Controlling Cabinet	VWF in Serial or Parallel system, 2.2-37 KW, 220V/380V
2.2	Encoder with Cable	Installed in the Traction Machine
2.3	Car Top Board	Installed in the Car Top Inspection Box.
2.4	Display Board for COP and LOPs	Installed in the COP and LOPs.
2.5	Car Instruction Board	Installed in the COP.
2.6	COP	You may visit our website to choose the model you need:
2.7	LOPs or Hops	http://www.novaelevator.com/trade/6-COP-LOP.htm
2.8	Car Top Inspection Box	NOVA Standard
2.9	Pit Box	NOVA Standard
2.10	Leveling Photoelectric Switch	DC24V Normally Open
2.11	Limit Switch	Normally Close
2.12	All Cable	
2.12.1	Travelling Cable	From Control Cabinet to Car top Inspection Box.
2.12.2	Round Shaft Cable	From Control Cabinet to Limit Siwtchs.
2.12.3	Round Shaft Cable	From Control Cabinet to Pit Switch
2.12.4	Landing Door Lock Cable	From Control Cabinet to Landing Door Locks.
2.12.5	LOP Communication Cable	From Control Cabinet to LOPs.
2.12.6	Car Top Branch Cables	From Car Top Inspection Box to COP, Door Operator, Light Curtain etc.
3	Other Opitional Parts	
3.1	Group Controlling Board	For 3-8 units lift
3.2	PC Monitoring Board	Quarter Monitoring
3.3	ARD	Match to Control Cabinet
3.4	UPS	Emergency Power for Brake
3.5	Access Control System	Installed in the COP and LOPs.
3.6	Voice Announcement	Broadcast to the floor information
3.7	Fireman Switch	For Run-Through door
3.8	Fan	
3.9	Light Curtain	

The above description is mainly aimed at elevator electrical system and related parts. Both mechanical and electrical modernization solutions can be made by based on customers' different requirements. Our modernization for your projects will make elevators' performance more excellent.

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

01 SITE INVESTIGATION

02 DESIGN

03 PRECISION PRODUCTION

04 DELIVERY & INSTALLATION

05 AFTER-SALES MAINTENANCE

COMPLETE LIFT PACKAGE

◀ PASSENGER ELEVATOR

▲ OBSERVATION ELEVATOR

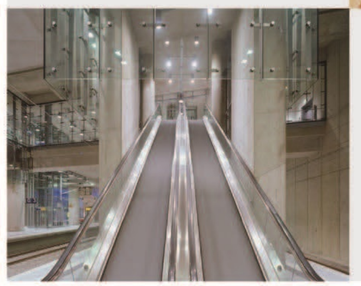
▶ HOSPITAL ELEVATOR

▼ CARGO ELEVATOR

◀ VILLA ELEVATOR

▼ AUTO-WALK

▶ DUMBWAITER



▲ ESCALATOR

1.1 SHAFT COMPONENTS
1.2 CABIN AND CW COMPONENTS
1.3 DOOR SYSTEM
1.4 TRACTION SYSTEM
1.5 SAFETY COMPONENTS
1.6 ELECTRICAL COMPONENTS
2 LIFT MODERNIZATION
3 COMPLETE LIFT PACKAGE

After-sales Service

Quality Guarantee

Within warranty period

(1) For the owner's elevator, we will replace easy damaged elevator parts for free.

(2) In the use of the site we will also prepare a part of the commonly used vulnerable parts for your convenience.

Past warranty period

(1) Supply spare parts to ensure the continuous safety and high quality operation of the elevator in the building.

(2) After sign maintenance contract for owner elevator, our company will provide some elevator parts for the normal damaged with preferential prices.

(3) After sign maintenance contract, we will also provide some elevator parts for necessary replacement.

Technical Training

We will arrange free professional maintenance engineers to train two maintenance people for free.

Maintenance Guarantee

A. Train professional maintenance team.

B. Build of multi-channel maintenance control system to ensure the quality of maintenance.

C. 24 hour service to provide efficient service when you need it.

D. Develop maintenance pledge in order to provide perfect service.

E. For the medium-sized projects, we have commissioner for regular inspection and maintenance.

01

PRODUCT PACKAGE

Good package as per customers' request

02

LOGISTICS DELIVERY

LCL Shipment is available

03

PROMPT RESPONSE

Serve customers 24 hours a day 365 days a year

04

QUALITY GUARANTEE

All parts within quality warranty period will be replaced for free

PRODUCTS HAVE SERVED VARIOUS CLIENTS FROM MORE THAN 60 COUNTRIES AND REGIONS.