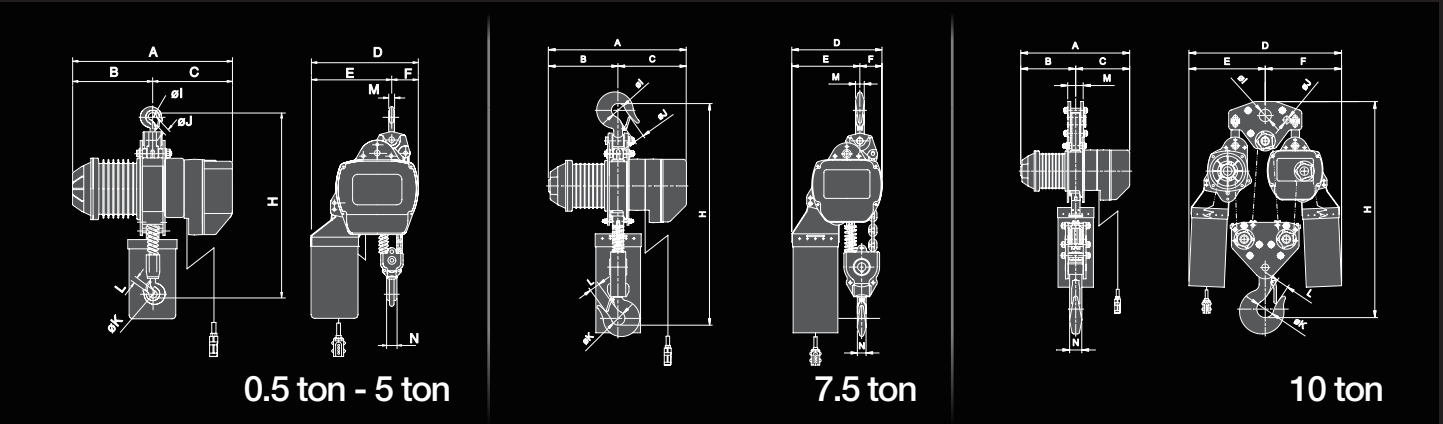


Dimensions of Hook Suspension Type Hoist

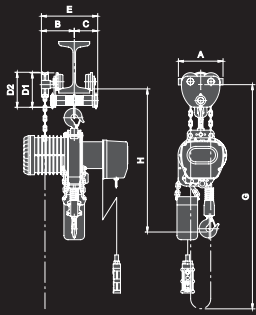
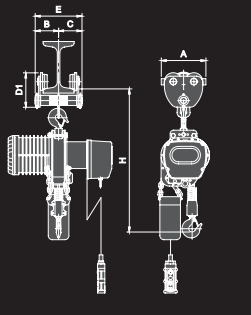


Electric Chain Hoist YS Load Rated Models



Capacity [ton]	Model	Dimensions [mm]																			
		H		A				B				C	D	E	F	I	J	K	L	M	N
0.5 (050)	YSL, H, E, F	570	E550	505	F548	LD548	HD548	245	F288	LD288	HD288	260	240	115	125	32	30	32	30	22	22
1, (100)	YSL, H, E, F	570	E550	505	F548	LD548	HD548	245	F288	LD288	HD288	260	240	115	125	32	30	32	30	22	22
2, (200)	YSL, H, E, F	700	E665	505	F548	LD548	HD548	245	F288	LD288	HD288	260	240	175	65	40	30	40	30	26.5	26.5
3, (300)	YSL, H	880	-	505	-	LD548	HD548	245	-	LD288	HD288	260	280	175	105	52	45	52	45	35	35
2, (200)	YSS	835	-	640	-	-	SD650	326	-	-	-	SD336	314	448	278	170	52	45	52	45	35
2.5, (250)	YSS	880	-	640	-	-	SD650	326	-	-	SD336	314	448	278	170	52	45	52	45	35	35
3, (300)	YSS	960	-	640	-	-	SD650	326	-	-	SD336	314	448	340	108	52	45	52	45	35	35
5, (500)	YSS	1030	-	640	-	-	SD650	326	-	-	SD336	314	448	356	92	63	52	63	52	45	45
7.5, (750)	YSS	1050	-	640	-	-	SD650	326	-	-	SD336	314	567	388	199	72	40	75	61.5	54	50
10, (1000)	YSS	1270	-	640	-	-	SD650	326	-	-	SD336	314	970	485	485	72	40	100	73	92	72

Dimension of Hoist with Plain Trolley

		Capacity [ton]	Model	Dimensions [mm]							Flange Width [mm]	
				H	A	B	C	D ₁	D ₂	E		G
	YSL, H,	1	GT-100	674	237	122.5	126	164	171	248.5	2719	75-125
			PT-100	674	237	75	126	171	-	201	-	75-125
	YSE	2	GT-200	848	273	136.5	141	223	214	277.5	3279	100-150
			PT-200	848	273	87	141	214	-	228	-	100-150
	YSL, H	3	GT-300	1058	308	139.5	143	234	251	282.5	3353	100-150
			PT-300	1058	308	90	143	251	-	233	-	100-150
	YSS	2	GT-200	963	273	136.5	141	223	214	277.5	3279	100-150
			PT-200	963	273	87	141	214	-	228	-	10-150
		3	GT-300	1138	308	139.5	143	234	251	282.5	3353	100-150
			PT-300	1138	308	90	143	251	-	233	-	100-150
		5	GT-500	1210	308	152.5	157	234	251	309.5	3356	125-175
			PT-500	1210	308	102	157	251	-	259	-	125-175



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- Permanent
- Magnetic Brushless
- Hoist Motor
- Powerful
- Energy Efficient
- Safe

MOTOR HOUSING

- Aluminum alloy casting features rigid structure and light weight.
- Motor framed with radiant cooling fins permit 40% continuous rating.
- Totally enclosed construction withstands harsh conditions such as chemical and electroplating environment.

MOTOR BRAKE

- "Electro-Magnetic Brake Controller" -a unique design in its field, R.O.C.Patent No.27417 features simultaneous braking upon release of P.B. even under full load.

LIMIT SWITCHES

Fitted at both top and bottom ends, switch off power automatically to prevent load chain from running out.

LOAD CHAIN

Grade 80 case hardened alloy steel chain,endures harsh condition such as rain, salt water and chemicals.

HOOK

Hot forged high tensile steel, rigid and durable, 360 swivel, fitting with safety latch to assure safety lifting.

HOIST BRACKET

Double high-tensile alloy steel plate bracket, fetures robust and durable construction.

MECHANICAL BRAKE

- An advanced design,assures firm and secured braking even under overload .
- In conjunction with motor brake, fetures "DOUBLE BRAKE SYSTEM" to secure safety and durability in noist operation.

TRANSFORMER

Power to control transformed into 110 volt.

MAGNETIC CONTACTOR

High performance non-fuse ciru it breakers, allow frequent and trouble free operation.

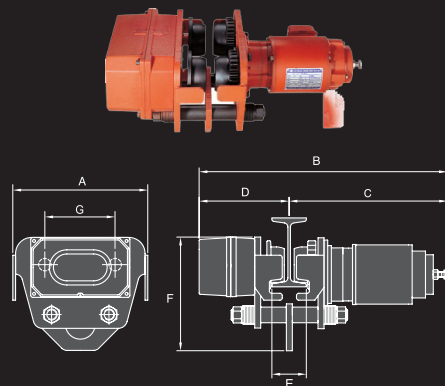
PHASE ERROR RELAY

A specially designed electric board prevents motor from running at it reverse phased.

PUSH BUTTON PENDANT

Fully water-proof and insulated, offers light and durable switching controls.

MONORAIL MOTORIZED TROLLEY



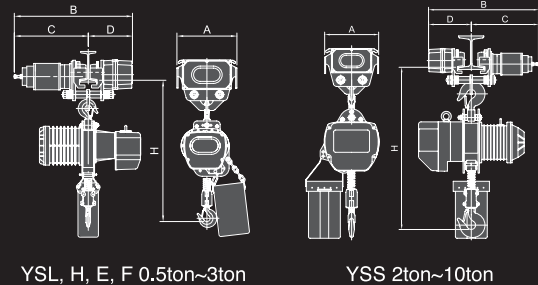
MT-100-500 50HZ Uses 4P Motor
60HZ Uses 4/6P Motor

DIMENSIONS / SPECIFICATIONS [mm]													
Capacity [ton]	Model	A	B	C	D	F	Flange Width E	Speed [m/min]		Motor [kw]	N.W. [kg]	Min. Radius of curve [m]	
								50Hz	60Hz				
1	MT-100	295	541	345	196	246	75-125	20	24 / 16	0.25 4 / 6P	10.9	1.3	
								20/7	24 / 8	0.25 / 0.08 4 / 12P			
								20	24 / 16	0.25 4 / 6P			
2	MT-200	323	567	358	209	272	100-150	20	24 / 16	0.25 4 / 6P	10.9	1.3	
								20/7	24 / 8	0.25 / 0.08 4 / 12P			
								20	24 / 16	0.6 4 / 6P			
3	MT-300	359	662	417	245	297	125-175	20	24 / 16	0.6 / 0.2 4 / 12P	10.9	1.3	
								20/7	24 / 8	0.6 4 / 12P			
								20	24 / 16	0.6 / 0.2 4 / 12P			
5	MT-500	389	673	422	251	320	125-175	20	24 / 16	0.6 4 / 6P	10.9	1.3	
								20/7	24 / 8	0.6 / 0.2 4 / 12P			
								20	24 / 16	0.6 4 / 6P			
7½	MT-750	400	736	465	271	530	150-200	13	16	0.9kw 6P			
10	MT-1000	536	821	550	271	565	150-200	14	17	1.5kw 6P			
										6P			

Features

- Pendant control voltage transformed to 110V to eliminate possible accident caused by circuit short and assure safe operation in wet environments.
- Automatic motor brake system features simultaneous braking upon power failure or switching off.
- Dual brake system assures safe operation .
- Limit switches hold load chain from running out.
- Advanced phase error relay keeps motor motionlessat incorrect power connection.
- Optional emergency stop features available.
- Optional electronic overload protection available.

Dimensions of Hoist with Motorized Trolley

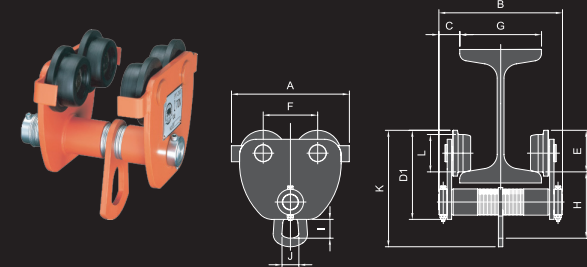


YSL, H, E, F 0.5ton~3ton

YSS 2ton~10ton

Capacity [ton]		Model	Dimensions [mm]					Flange Width [mm]
			H	A	B	C	D	
YSL, H	0.5, 1	MT-050, MT-100	680	295	541	345	196	75-125
	2	MT-200	890	323	567	358	209	100-150
YSL, H	3	MT-300	1030	359	662	417	245	125-175
YSS	2	MT-200	995	323	567	358	209	100-150
	3	MT-300	1120	359	662	417	245	125-175
	5	MT-500	1200	389	673	422	251	125-175
	7½	MT-750	1300	400	736	465	271	150-200
	10	MT-1000	1415	536	821	550	271	150-200

PLAIN TROLLEY



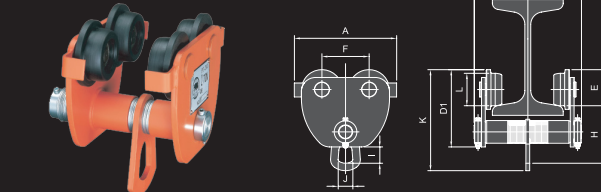
DIMENSIONS [mm] PT													
Capacity [ton]	Model	A	B	C	D ₁	E	F	H	I	J	K	Flange Width G	N.W. [kg]
1	PT-100	237	73	126	171	82	116	102	32	32	198	75-125	10.9
2	PT-200	273	87	141	214	98	135	150	55	60	263	100-150	16.7
3	PT-300	308	90	143	251	115	150	191	78	60	335	100-150	26.4
5	PT-500	308	102	157	251	115	150	197	84	60	341	125-175	27

Specifications

Capacity [ton]		0.5	1	2	½	1	2	½	1	2	3	2	2.5	3	5	7.5	10		
Lift Height		3 (8) stc.																	
Load Chain [mm]		Φ 7.1						Φ 7.1				Φ 10.0	Φ 11.2	Φ 10.0	Φ 11.2				
Single Speed [m/min]	50HZ	YSF	5.6	3.9	2	6.7	4.7	2.3	-	-	-	-	-	-	-	-	-		
		YSL	-	-	-	-	-	-	6.7	4.7	2.3	1.5	-	-	-	-	-		
		YSH	-	-	-	-	-	-	(8.2)	(6.7)	3.3	2.2	-	-	-	-	-		
		YSS	-	-	-	-	-	-	-	-	-	-	6.6	5.2	4.3	2.6	1.8	2.6	
	60HZ	YSF	6.7	4.7	2.3	8.0	5.6	2.8	-	-	-	-	-	-	-	-	-	-	
		YSL	-	-	-	-	-	-	8.0	5.6	2.8	1.8	-	-	-	-	-	-	
		YSH	-	-	-	-	-	-	(11.0)	(8.0)	(4.0)	2.6	-	-	-	-	-	-	
		YSS	-	-	-	-	-	-	-	-	-	-	7.9	6.4	5.2	3.2	2.1	3.2	
Dual Speed [m/min]	50HZ	YSLD	-	-	-	-	-	(6.7/2.2)	(4.7/1.6)	2.3/0.8	1.5/0.5	-	-	-	-	-	-		
		YSHD	-	-	-	-	-	-	(8.2/3.1)	(6.7/2.2)	3.3/1.1	2.2/0.7	-	-	-	-	-		
		YSSD	-	-	-	-	-	-	-	-	-	-	6.6/2.2	5.2/1.7	4.3/1.4	2.6/0.9	1.8/0.6	2.6/0.9	
	60HZ	YSLD	-	-	-	-	-	-	(8.0/2.7)	(5.6/1.8)	2.8/1.0	1.8/0.6	-	-	-	-	-	-	
		YSHD	-	-	-	-	-	-	(11/3.7)	(8/2.7)	4/1.3	2.6/0.9	6.6/2.2	5.2/1.7	4.3/1.4	2.6/0.9	1.8/0.6	2.6/0.9	
		YSSD	-	-	-	-	-	-	-	-	-	-	7.9/2.6	6.4/2.0	5.2/1.7	3.2/1.0	2.1/0.7	3.2/1.0	
Motor Power [kw]		1.8						1.5 (1.8)		1.8		3.7						3.7x2	
Power Supply		Single Phase 110V, 115V			Single Phase 220V, 230V			3 Phase, 200V-600V				3 Phase, 200V-600V							
E.D. Rating [%]		15						40				40							
Load Chain Fall Number		1		2		1		2		1		2		3		4			
N.W. / G.W. [kg]		55/58.5		64.5/67		55/58.5		64.5/67		50.5/53		61/64		73/96		125 / 155 130 / 160 140 / 170 153 / 183 195 / 230 410 / 470			
Packing LxWxH [cm]		60x57x33						60x57x33		62x52x50		73x57x51				73x70x70		86x80x75	
Msmmt [Cu. Ft]		4						4		5.7		7.5				12.63		18.23	

Trolley

PLAIN TROLLEY



DIMENSIONS [mm] PT													
Capacity [ton]	Model	A	B	C	D ₁	E	F	H	I	J	K	Flange Width G	N.W. [kg]
1	PT-100	237	73	126	171	82	116	102	32	32	198	75-125	10.9
2	PT-200	273	87	141	214	98	135	150	55	60	263	100-150	16.7
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