



DAESAN INOTEC

ELECTRIC CHAIN HOIST_ELECTRIC TROLLEY
CHAIN BLOCK_LEVER BLOCK
TROLLEY_WIRE ROPE WINCH



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CATALOGUE NO. WK-DW-E1501

DAESAN, More than 3 decades of hoist manufacturing

DAESAN has been proven worldwide with our excellency in Electric Chain Hoist, Chain Block, Lever Hoist, Trolley and Wire Rope Winch. Chemical plant, construction plant ship-building yard and other industrial manufacturing plant in Korea as well as 40 other countries abroad are lifting and moving load with DAESAN products. We provide service solutions to wherever safety weight load is required.



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D1, D3 Series

CHAIN BLOCK

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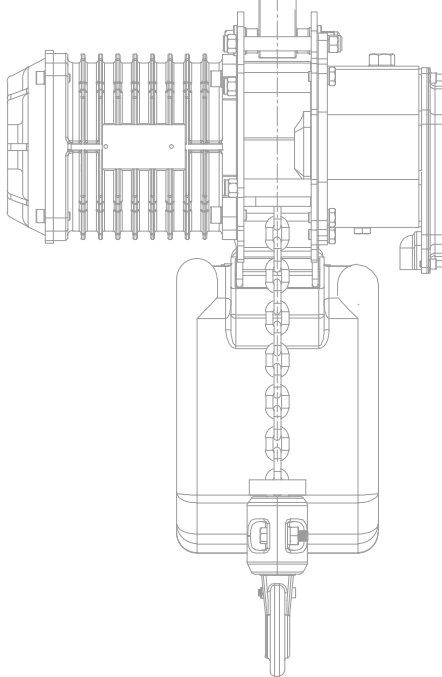
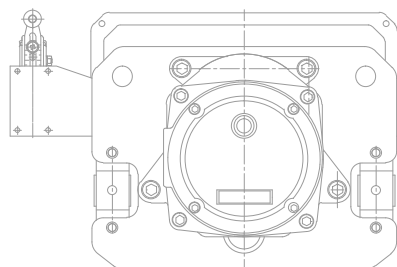
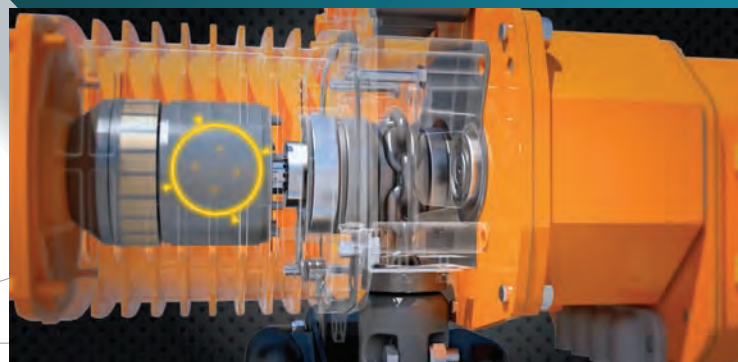
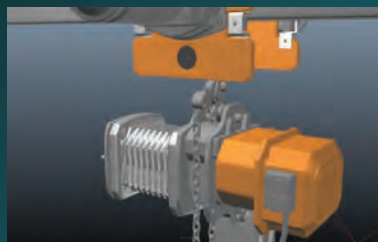
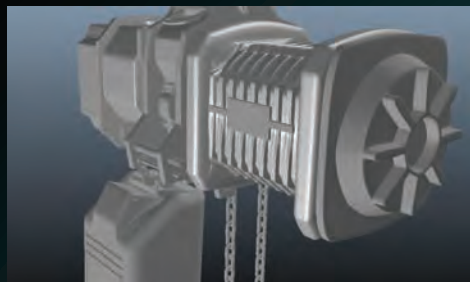
WIRE ROPE WINCH

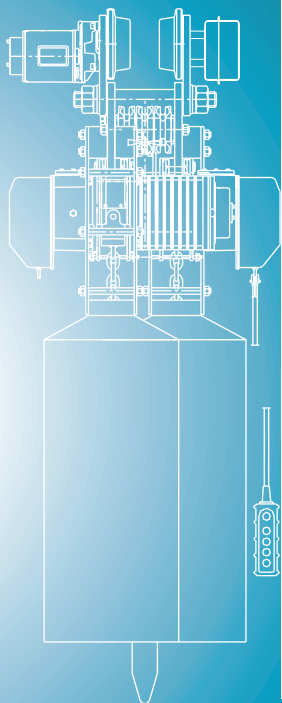
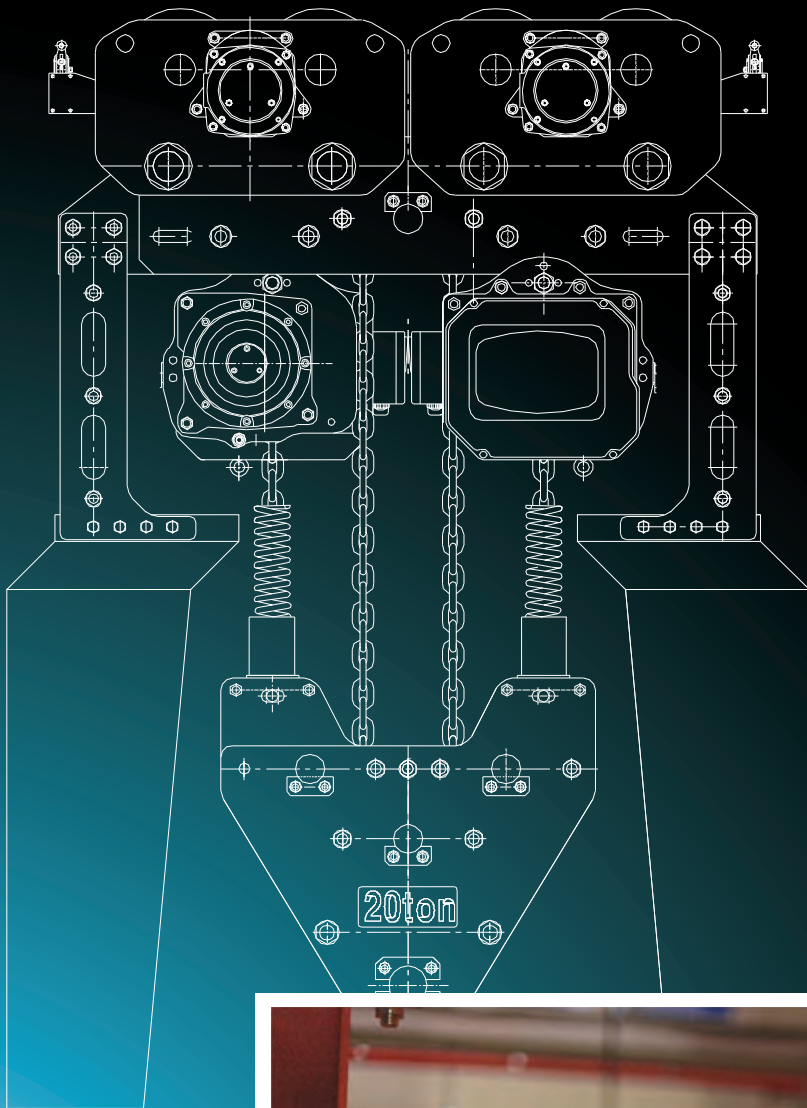
SPARK PROOF MANUAL HOIST

- CHAIN HOIST
- PLAIN&GEARED TROLLEY

DAESAN ELECTRIC HOIST

All products are CE certified





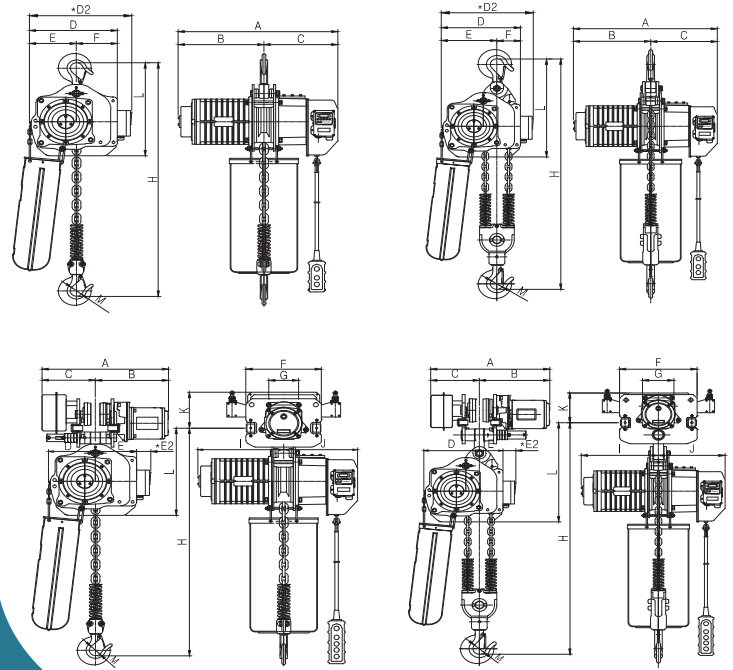
INVERTER CHAIN HOIST

EDSA EDMS

INNOVATION



- Adjustable dual lifting speed as well as dual traversing speed by variable frequency drive is available with EDSA/EDSM Series from 1ton to 5ton.
- Very silent and smooth lifting operation with great durability replaces conventional pole change type dual speed hoist.
- It is perfect type where precise and accurate lifting solution is required.
- Speed setting can be adjusted upon customer request / 3 step lifting speed is optional.



VARIABLE SPEED-INVERTER CONTROL (2speed,3speed/Hook Suspension)

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed Range(m/min)	Hoist Motor	Duty Rating	Load Chain	Weight
	(Ton)	(Voltage)	M		2 SPEED				
EDSA-1S	1	Customer's Requested Voltage	3	1	2.1 ~ 6.4	1.8	15	7.1x21	72
EDSA-2S	2		3	1	2.1 ~ 6.4	3.5	15	11.2x34	120
EDSA-3W	3		4	2	1.5 ~ 4.5	3.5	15	9.5x28.6	145
EDSA-5W	5		4	2	1.2 ~ 3.4	3.5	15	11.2x34	163

* Inverter setting can only be adjusted by its manufacturer or authorized dealers.

VARIABLE SPEED-INVERTER CONTROL (2speed,3speed/Motorized Trolley)

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed Range(m/min)	Trolley Speed Range(m/min)	Hoist motor	Duty Rating	Trolley Motor	Load Chain	Standard	I-Beam Min	Weight
	(Ton)	(Voltage)	M		2 SPEED	2 SPEED							
EDSM-1S	1	Customer's Requested Voltage	3	1	2.1 ~ 6.4	5.2 ~ 12.2	1.8	30	0.4	7.1x21	75-125	800	105
EDSM-2S	2		3	1	2.1 ~ 6.4	5.2 ~ 12.2	3.5	30	0.4	11.2x34	100-150	800	168
EDSM-3W	3		4	2	1.5 ~ 4.5	5.2 ~ 12.2	3.5	30	0.75	9.5x28.6	100-150	1000	219
EDSM-5W	5		4	2	1.2 ~ 3.4	5.2 ~ 12.2	3.5	30	0.75	11.2x34	125-175	1800	250

* Inverter setting can only be adjusted by its manufacturer or authorized dealers.

HOOK SUSPENSION

MODEL NO	A	B	C	D	*D2	E	F	H	L	M
EDSA-1S	622	298	324	300	357	170	130	600	405	35
EDSA-2S	692	349	343	370	430	198	172	765	483	53.5
EDSA-3W	692	349	343	370	430	258	112	965	550	60
EDSA-5W	692	349	343	370	430	273	102	1060	580	70

MOTORIZED TROLLEY

MODEL NO	A	B	C	D	E	*E2	F	G	H	I	J	K	L	M
EDSM-1S	548+2B	290+B	258+B	170	130	60	298	110	600	298	324	131	405	35
EDSM-2S	577+2B	304+B	273+B	198	172	60	315	126	717	349	343	130	460	53.5
EDSM-3W	602+2B	328+B	274+B	258	112	60	360	140	903	349	343	148	532	60
EDSM-5W	635+2B	343+B	292+B	273	102	56	410	156	1062	349	343	156	595	70

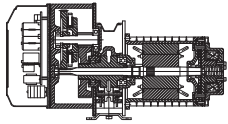


DSA/EDSA

DSM/EDSM

DSHM

Dual Brake System



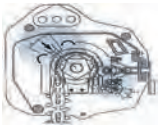
Secured with dual braking system, disc type motor brake working with mechanical load brake provides load lowering control. Electric brake is designed for easy access and simple adjustment.

Chain Container



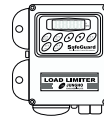
Chain container is standard equipment and is either molded with thick polypropylene material or fabricated from steel to securely contain the chain and chain lubricant. Optional containers are available for long lift applications.

Upper and Lower Limit Switch



Prevent overwinding by stopping operation in the case of overlifting or overlowering.

Overload Alert



Installed as load detecting safety device to help prevent overload for greater hoist longevity.

Hooks



Load hook is forged carbon steel hook with a heavy-duty hook latch. Thrust bearing in hook allows 360° rotation to prevent twisting of load chain. Top Hook for hook suspended hoists is rigid.

Heavy-Duty Hoist Motor



The hoist motor is high torque design and is rated 30-minute duty. Class B motor insulation and standard thermal motor protection is included.

Load Chain



G80 load chain is case hardened and has a high resistance to wear and corrosion. Longer lifts are available per requirement. Breaking load limit with more than 5 times of rated load.

Push Button Control



Compact design to enable one-handed operation. Rated IP64 protection. Emergency stop button is included. Push button cable has strain relief to prevent cable damage.

Load sheave/ chain guide



Full floating chain guide assures proper engagement of chain on load sheave. Features 4 or 5 pockets for better distribution of the load.

Gear box/ Oil Lubrication



The gearbox utilizes an alloy steel helical and spur gear reduction. Gear inspection and lubrication is easily accessible from the top of the hoist.

Motorized Trolley



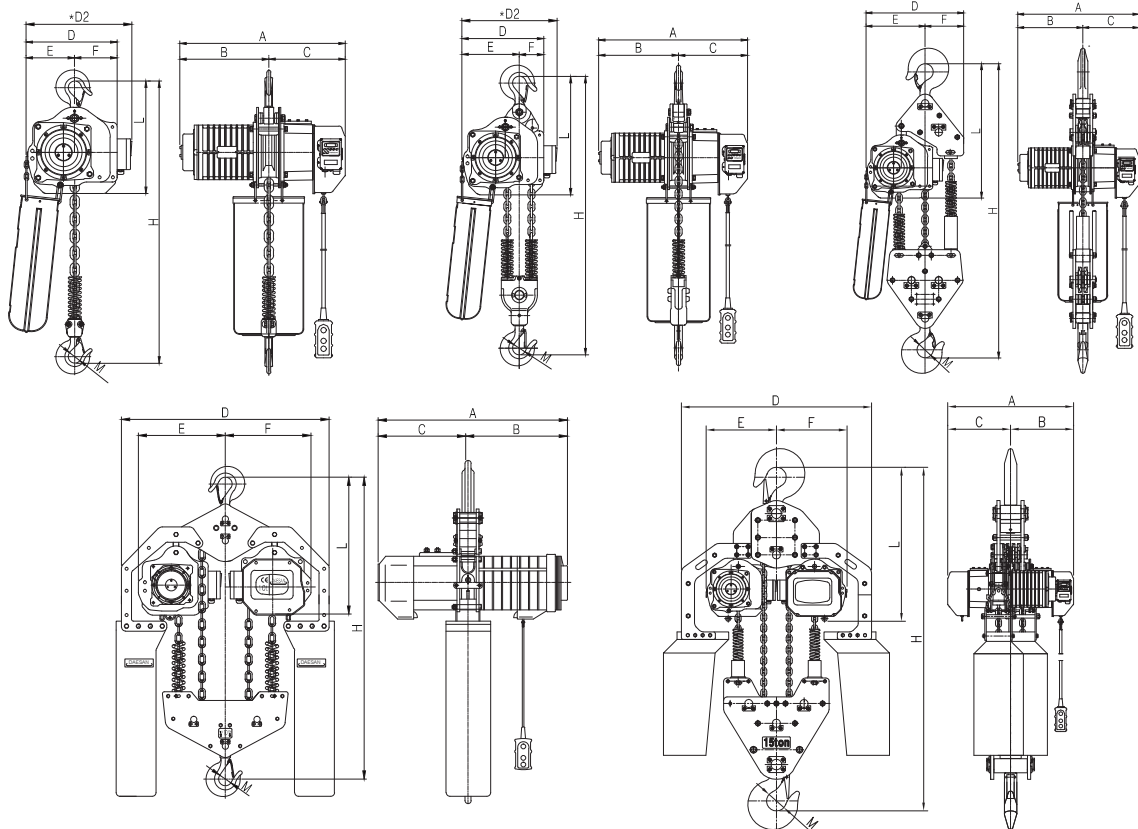
Trolley is adjustable for a range of flange widths. Motor includes disc type brake. Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear. Wheels are dual tread design for operation on tapered or flat flange beams. Trolley motor includes class B insulation. Motor is rated 15-minute duty and includes standard thermal motor protection. Trolley traversing limiter is available as an option.



SINGLE SPEED / HOOK SUSPENSION

MODEL NO	Capacity	Power Supply (Voltage)	Lift M	Chain Fall	Lifting Speed(m/min)		Hoist Motor (kw)	Duty Rating (min)	Load Chain (dia x pitch)	Weight (kgs)
	(Ton)				50Hz	60Hz				
DSA-1S	1	Customer's Requested Voltage	3	1	6.8	8.2	1.8	30	7.1x21	71
DSA-1.5S	1.5		3	1	8.6	10.3	3.5	30	9.5x28.6	116
DSA-2S	2		3	1	6.7	8.1	3.5	30	11.2x34	118
DSA-2W	2		3	2	3.4	4.1	1.8	30	7.1x21	83
DSA-2.5S	2.5		4	1	5.4	6.5	3.5	30	11.2x34	124
DSA-3W	3		4	2	4.35	5.15	3.5	30	9.5x28.6	143
DSA-5W	5		4	2	2.75	3.25	3.5	30	11.2x34	161
DSA-7.5W	7.5		4	3	1.8	2.1	3.5	30	11.2x34	266
DSA-10W	10		4	4	2.75	3.25	3.5x2	30	11.2x34	396
DSA-15W	15		4	6	1.8	2.1	3.5x2	30	11.2x34	780
DSA-20W	20		4	8	1.3	1.6	3.5x2	30	11.2x34	880

MODEL NO	A	B	C	D	*D2	E	F	H	L	M
DSA-1S	572	298	274	300	357	170	130	600	405	35
DSA-1.5S	662	349	313	370	430	198	172	745	483	53.5
DSA-2S	662	349	313	370	430	198	172	765	483	53.5
DSA-2W	572	298	274	301	357	219	82	815	490	53.5
DSA-2.5S	662	349	313	370	430	198	172	765	490	60
DSA-3W	662	349	313	370	430	258	112	965	550	60
DSA-5W	662	349	313	370	430	273	102	1060	580	70
DSA-7.5W	662	349	313	538	-	325	213	1440	740	90
DSA-10W	662	349	313	1000	-	408	408	1400	780	120
DSA-15W	763	382	382	1152	-	426	426	1940	933	120
DSA-20W	806	403	403	1152	-	426	426	1940	933	120



DAESAN ELECTRIC CHAIN HOIST

DSM Series

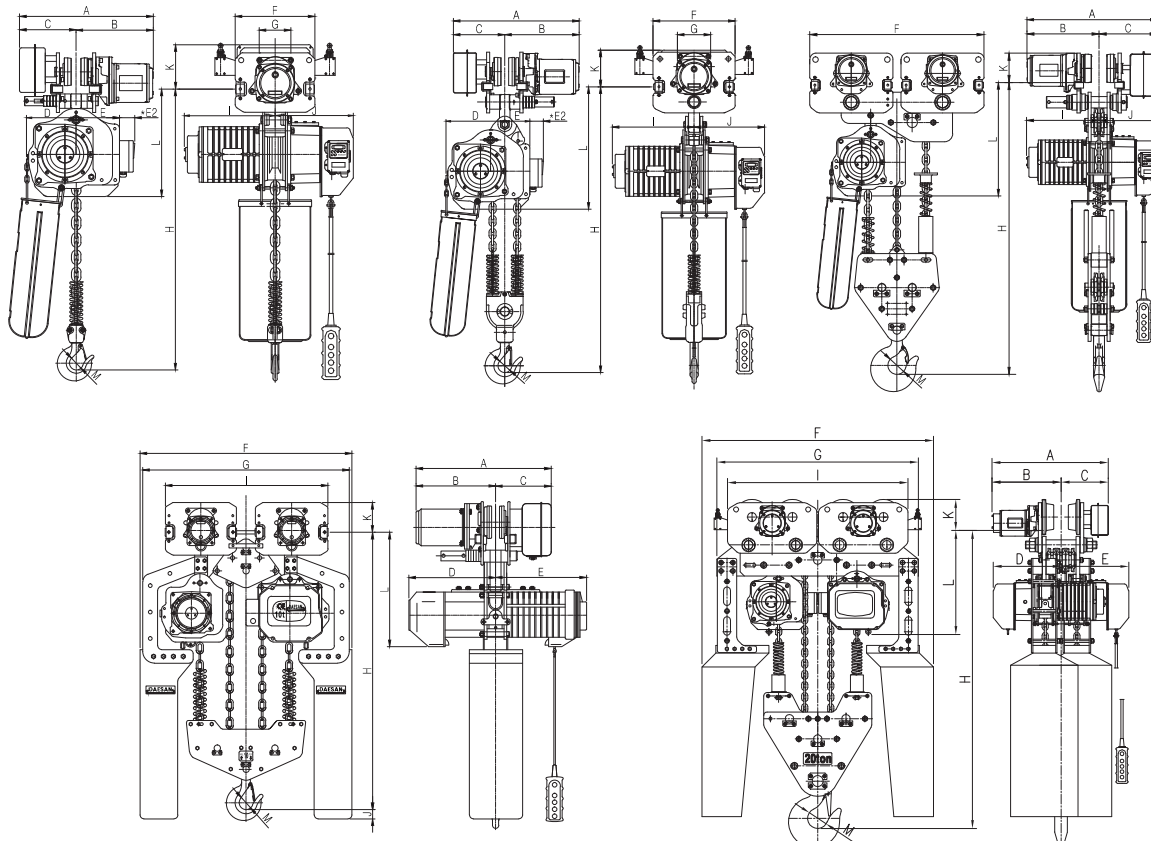
SINGLE SPEED / MOTORIZED TROLLEY

MODEL NO	Capacity (Ton)	Power supply (Voltage)	Lift M	Chain Fall	Lifting Speed(m/min)		Trolley Speed(m/min)		Hoist Motor (kw)	Duty Rating (min)	Trolley Motor (kw)	Load Chain (dia x pitch)	Standard (i-beam width)	I-Beam Min (curve radius)	Weight (kgs)
					50Hz	60Hz	50Hz	60Hz							
DSM-1S	1	Customer's Requested Voltage	3	1	6.8	8.2	12	15	1.8	30	0.4	7.1x21	75-125	800	104
DSM-1.5S	1.5		3	1	8.6	10.3	12	15	3.5	30	0.4	9.5x28.6	100-150	800	160
DSM-2S	2		3	1	6.7	8.1	12	15	3.5	30	0.4	11.2x34	100-150	800	166
DSM-2W	2		3	2	3.4	4.1	12	15	1.8	30	0.4	7.1x21	100-150	800	126
DSM-2.5S	2.5		4	1	5.4	6.5	11	14	3.5	30	0.75	11.2x34	100-150	1000	198
DSM-3W	3		4	2	4.35	5.15	11	14	3.5	30	0.75	9.5x28.6	100-150	1000	217
DSM-5W	5		4	2	2.75	3.25	11	14	3.5	30	0.75	11.2x34	125-175	1800	248
DSM-7.5W	7.5		4	3	1.8	2.1	11	14	3.5	30	0.75x2	11.2x34	125-175	-	510
DSM-10W	10		4	4	2.75	3.25	11	14	3.5x2	30	0.75x2	11.2x34	125-175	-	646
DSM-15W	15		4	6	1.8	2.1	8.3	10	3.5x2	30	0.75x2	11.2x34	150-190	-	1050
DSM-20W	20	4	8	1.3	1.6	8.3	10	3.5x2	30	0.75x2	11.2x34	175-190	-	1150	

MONO RAIL

MODEL NO	A	B	C	D	E	*E2	F	G	H	I	J	K	L	M
DSM-1S	498+2B	290+B	208+B	170	130	60	298	110	600	298	274	131	405	35
DSM-1.5S	527+2B	304+B	223+B	198	172	60	315	126	700	349	313	130	460	53.5
DSM-2S	527+2B	304+B	223+B	198	172	60	315	126	717	349	313	130	460	53.5
DSM-2W	527+2B	304+B	223+B	219	82	60	315	126	782	298	274	130	477	53.5
DSM-2.5S	552+2B	328+B	224+B	198	172	60	360	140	731	349	313	148	465	60
DSM-3W	552+2B	328+B	224+B	258	112	60	360	140	903	349	313	148	532	60
DSM-5W	585+2B	343+B	242+B	273	102	56	410	156	1062	349	313	156	595	70
DSM-7.5W	585+2B	343+B	242+B	-	-	-	860	-	1260	349	313	156	588	90
DSM-10W	585+2B	343+B	242+B	313	349	-	1060	990	1240	850	250	156	648	120
DSM-15W	664+2B	396.5+B	267.5+B	378	378	-	1372	1095	1625	1070	-	184	617	120
DSM-20W	689+2B	409+B	280+B	402.5	402.5	-	1372	1095	1625	1070	-	184	617	120

*B Calculation *B=1/2 x (I-Beam Width(mm))

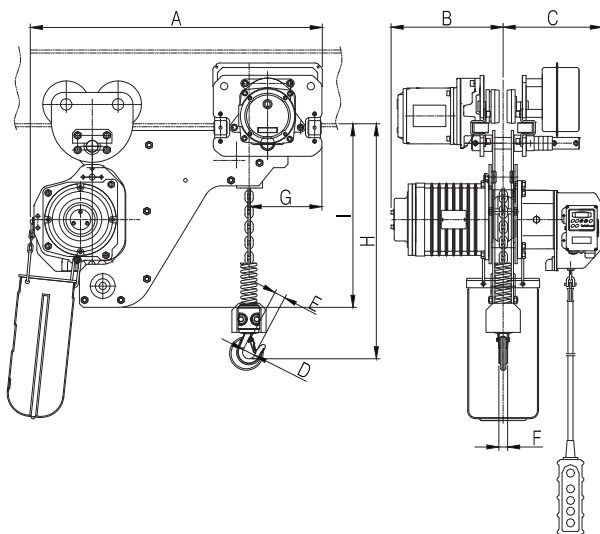


MORORIIED TROLLEY

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed		Trolley Speed		Hoist Motor	Duty Rating	Trolley Motor	Load Cahin	Standard	I-Beam Min	Weight
	(Ton)	(Voltage)	M		50hz	60hz	50hz	60hz	(kw)	(min)	(kw)	(dia x pitch)	(i-beam width)	(curve radius)	(kgs)
DSHM-1S	1	Customer's Requested Voltage	3	1	6.8	8.2	12	15	1.8	30	0.4	7.1x21	75-125	n/a	144
DSHM-2S	2		3	1	6.7	8.1	12	15	3.5	30	0.4	11.2X34	100-150	n/a	219
DSHM-2W	2		3	2	3.4	4.1	12	15	1.8	30	0.4	7.1x21	100-150	n/a	164
DSHM-3W	3		4	2	4.35	5.15	12	15	3.5	30	0.75	9.5X28.6	100-150	n/a	275
DSHM-5W	5		4	2	2.75	3.25	12	15	3.5	30	0.75	11.2X34	125-175	n/a	326

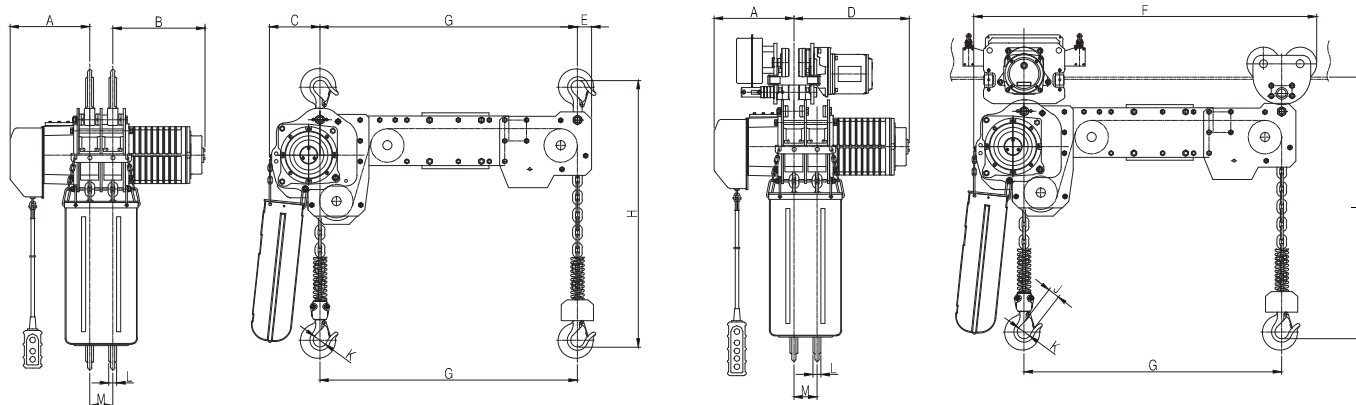
MONO RAIL

CODE		DSHM-1S	DSHM-2S	DSHM-2W	DSHM-3W	DSHM-5W
* H ; minimum headroom	A	800	864	808	889	907
	B	308	358	308	358	358
	C	274	313	274	313	313
	D	35	53.5	53.5	60	70
	E	23.5	40	40	45	56
	F	24	30	30	35	43.5
	G	200	229	167	191.5	208
	H	435	483	545.5	600	690
	I	505	555.5	510	558	565



Low Headroom Type Electric Chain Hoist

DAESAN low headroom type electric chain hoist is specially designed to have shorter headroom. It is suitable for installation which requires low ceiling making it effective for work that hoists the cargo as high as possible. Special requirements such as dual speed or curved beam is optional.



SINGLE SPEED / HOOK SUSPENSION

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed(m/min)		Hoist Motor	Duty Rating	Load Chain
	(Ton)				(Voltage)	M			
DSDHA-1S	1	Customer's Requested Voltage	3	1	6.8	8.2	1.8	30	7.1x21
DSDHA-1.5S	1.5		3	1	8.6	10.3	3.5	30	9.5x28.6
DSDHA-2S	2		3	1	6.7	8.1	3.5	30	11.2x34
DSDHA-2W	2		3	2	3.4	4.1	1.8	30	7.1x21
DSDHA-2.5S	2.5		4	1	5.4	6.5	3.5	30	11.2x34
DSDHA-3W	3		4	2	4.35	5.15	3.5	30	9.5x28.6
DSDHA-5W	5		4	2	2.75	3.25	3.5	30	11.2x34

SINGLE SPEED / MOTORIZED TROLLEY

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed(m/min)		Trolley Speed(m/min)		Hoist Motor	Duty Rating	Trolley Motor	Load Chain	Standard
	(Ton)				(Voltage)	M	50Hz	60Hz					
DSDHM-1S	1	Customer's Requested Voltage	3	1	6.8	8.2	12	15	1.8	30	0.4	7.1x21	75-125
DSDHM-1.5S	1.5		3	1	8.6	10.3	12	15	3.5	30	0.4	9.5x28.6	100-150
DSDHM-2S	2		3	1	6.7	8.1	12	15	3.5	30	0.4	11.2x34	100-150
DSDHM-2W	2		3	2	3.4	4.1	12	15	1.8	30	0.4	7.1x21	100-150
DSM-2.5S	2.5		4	1	5.4	6.5	11	14	3.5	30	0.75	11.2x34	100-150
DSDHM-3W	3		4	2	4.35	5.15	11	14	3.5	30	0.75	9.5x28.6	100-150
DSDHM-5W	5		4	2	2.75	3.25	11	14	3.5	30	0.75	11.2x34	125-175

DSDHA, DSDHM-TYPE

MODEL NO	A	B	C	D	E	F	G	H	I	J	K	L	M
1S	274	298	170	369	51	G+C+135.5	600-4000	600	600	23.5	35	24	71
1.5S	313	349	198	439	56	G+C+135.5	600-4000	745	700	39	53.5	30	90
2S	313	349	198	439	55	G+C+135.5	600-4000	765	717	39	53.5	30	90
2W	274	298	219	369	70	G+C+135.5	600-4000	815	782	39	53.5	30	71
2.5S	313	349	198	439	55	G+C+156	600-4000	765	731	45	60	35	90
3W	313	349	258	439	92	G+C+156	600-4000	965	903	45	60	35	90
5W	313	349	273	439	96	G+C+176	600-4000	1060	1062	56	70	43.5	90

Twin Hook type Electric Chain Hoist

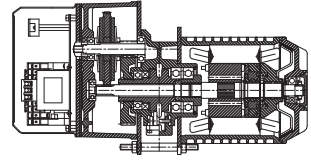
DAESAN twin hook electric chain hoist is equipped with single motor and two hooks are intended to lift the hooks with load horizontally, equally and safely. Since there is 1 chain hoist drive, the load is kept level during hoisting. This is optimal for long & wide load that must be hoisted from 2 points and cargo that must be kept level. Special requirements such as dual speed or curved beam is optional.

DST



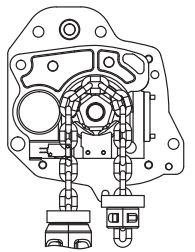
Brake System

Operated by powerful pull rotor using magnetic force, it is cone type brake. It has brake lining clearance adjustment function that maximize the lifetime of brake lining.



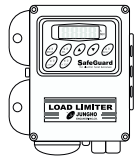
Dual Safety Device - Friction clutch & Upper limit switch

The friction clutch is an overload protection device that idles the motor when overloaded. This function combined with overload limiter to prevent the hoist body or load chain from being damaged. In addition, when a load is lifted excessively, the limit switch activates and stops the motor, preventing hoist and load chain damage.



Overload Alert

Installed as load detecting safety device to help prevent overload for greater hoist longevity.



Hooks

Load hook is forged carbon steel hook with a heavy-duty hook latch. Thrust bearing in hook allows 360° rotation to prevent twisting of load chain. Top Hook, for hook suspended hoists is rigid.



Load Chain

G80 load chain is case hardened and has a high resistance to wear and corrosion. Longer lifts are available per requirement. Breaking load limit with more than 5 times of rated load.





Heavy-Duty Hoist Motor

The hoist motor is high torque design and is rated 30-minute duty. Class B motor insulation and standard thermal motor protection is included.



Push Button Control

Compact design to enable one-handed operation. Rated IP64 protection. Emergency stop button is included. Push button cable has strain relief to prevent cable damage.



Chain Container

Chain container is standard equipment molded with thick polypropylene material to securely contain the chain and chain lubricant. Optional containers are available for long lift applications.



Load Sheave / Chain Guide

Full floating chain guide assures proper engagement of chain on load sheave. Features 4 or 5 pockets for better distribution of the load.



Gear Box / Oil Lubrication

The gearbox utilizes an alloy steel helical and spur gear reduction. Gear inspection and lubrication is easily accessible from the top of the hoist.



Motorized Trolley

Trolley is adjustable for a range of flange widths. Motor includes disc type brake. Side guide rollers are included to promote smooth trolley motion and to minimize wheel and beam wear. Wheels are dual tread design for operation on tapered or flat flange beams. Trolley motor includes class B insulation. Motor is rated 15 minute duty and includes standard thermal motor protection. Trolley traversing limiter is available as an option.

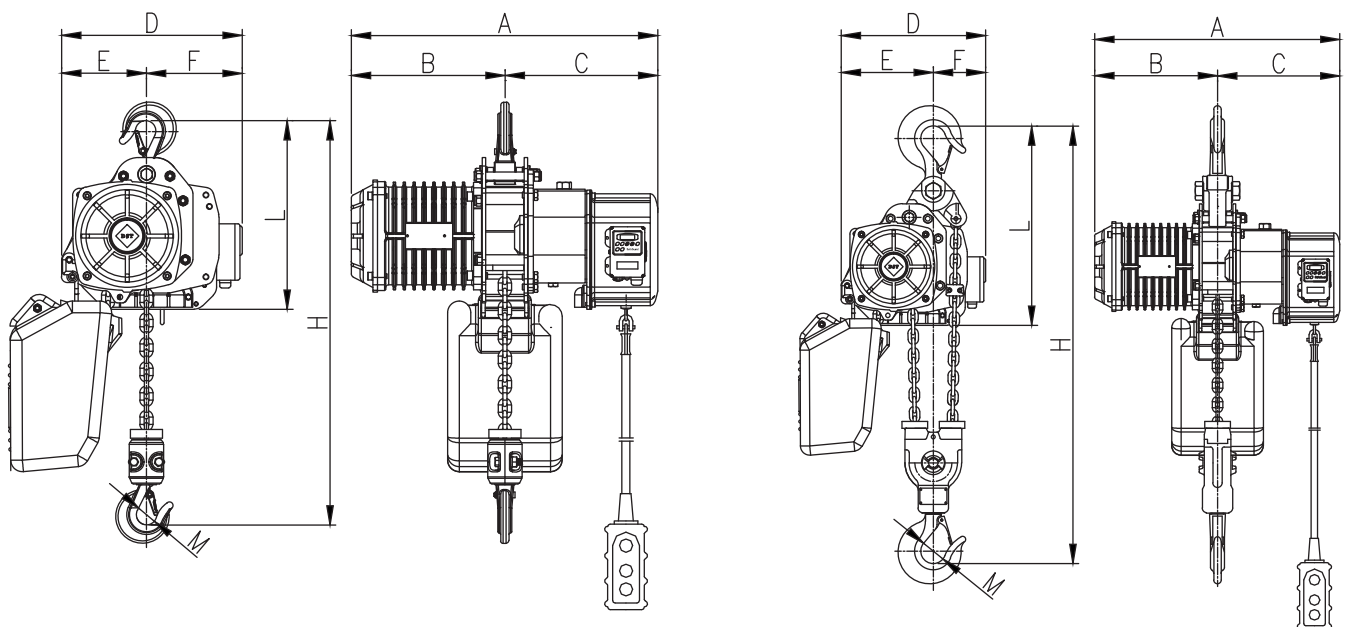


DSTM

SINGLE SPEED / HOOK SUSPENSION

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed(m/min)		Hoist Motor	Duty Rating	Load Chain	Weight
	(Ton)	(Voltage)	M		50Hz	60Hz	(kw)	(min)	(dia x pitch)	(kgs)
DST-0.5S	0.5	Customer's Requested Voltage	3	1	6.7	8	0.8	30	6.3x19	56
DST-1S	1		3	1	6.9	8.2(5.5)	1.8	30	7.1x21	57
DST-2W	2		3	2	3.4	4.1	1.8	30	7.1x21	69

CODE		DST-0.5S	DST-1S	DST-2W
■ H minimum headroom	A	526	526	526
	B	264	264	264
	C	262	262	262
	D	311	311	311
	E	146	146	198
	F	165	165	113
	M	34	35	53.5
	H	384	400	680
	L	324	324	428



CHAIN HOIST

DSTM Series

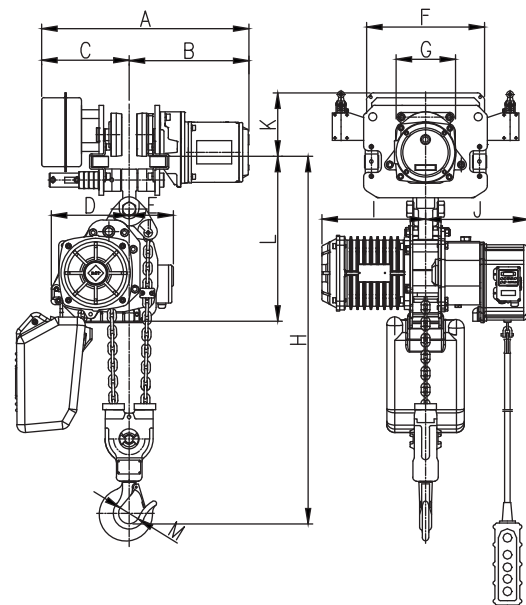
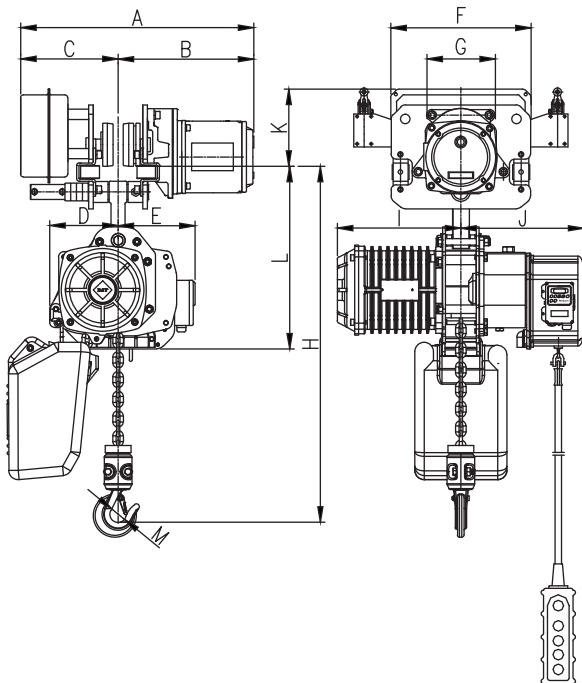
SINGLE SPEED / MOTORIZED TROLLEY

MODEL NO	Capacity (Ton)	Power Supply (Voltage)	Lift M	Chain Fall	Lifting Speed(m/min)		Trolley Speed(m/min)		Hoist Motor (kw)	Duty Rating (min)	Trolley Motor (kw)	Load Chain (dia x pitch)	Standard (i-beam width)	I-Beam Min (curve radius)	Weight (kgs)
					50Hz	60Hz	50Hz	60Hz							
DSTM-0.5S	0.5	Customer's Requested Voltage	3	1	6.7	8	12	15	0.8	30	0.4	6.3x19	75-125	800	96
DSTM-1S	1		3	1	6.9	8.2(5.5)	12	15	1.8	30	0.4	7.1x21	75-125	800	97
DSTM-2W	2		3	2	3.4	4.1	12	15	1.8	30	0.4	7.1x21	100-150	800	115



CODE	DSTM-0.5S	DSTM-1S	DSTM-2W
A	498± B	498± B	528± B
B	208± B	208± B	223± B
C	290± B	290± B	305± B
D	146	146	198
E	165	165	113
F	300	300	315
G	110	110	125.4
I	264	264	264
J	262	262	262
K	165	165	161
M	34	35	53.5
H	434	446	660
L	359	359	424

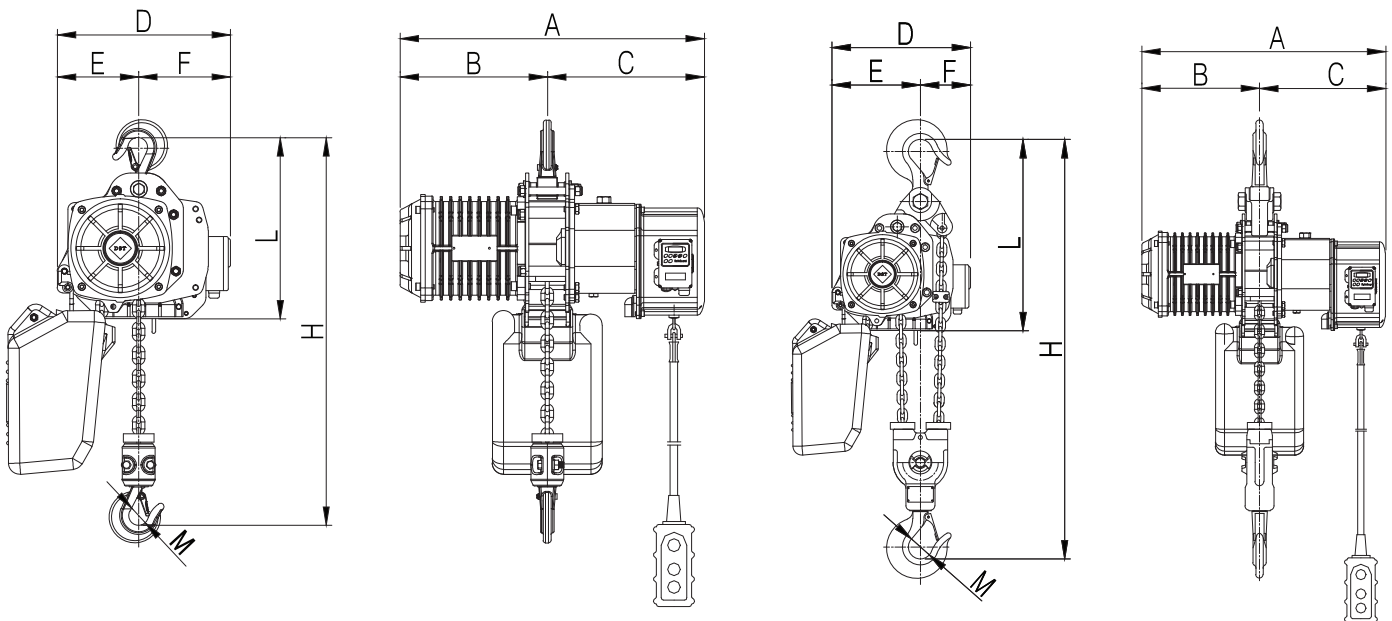
■ *B calculation
 *B = 1/2 x (I-Beam width (mm))
 ■ H: minimum headroom



SINGLE SPEED / HOOK SUSPENSION

MODEL NO	Capacity	Power Supply (Voltage)	Lift	Chain Fall	Lifting Speed(m/min)		Hoist Motor (kw)	Duty Rating (min)	Load Chain (dia x pitch)	Weight (kgs)
	(Ton)		M		50Hz	60Hz				
DSS-0.5S	0.5	110/220	3	1	6.7	8.0	0.8	20	6.3x19	56
DSS-1S	1		3	1	3.4	4.1	0.8	20	7.1x21	59
DSS-2W	2		3	2	1.7	2.0	0.8	20	7.1x21	71

CODE		DSS-0.5S	DSS-1S	DSS-2W
A		526	545	545
B		264	264	264
C		262	281	281
D		311	311	311
E		146	146	198
F		165	165	113
M		34	35	53.5
H	■ H : minimum headroom	384	400	680
L		324	324	428



DSSM Series

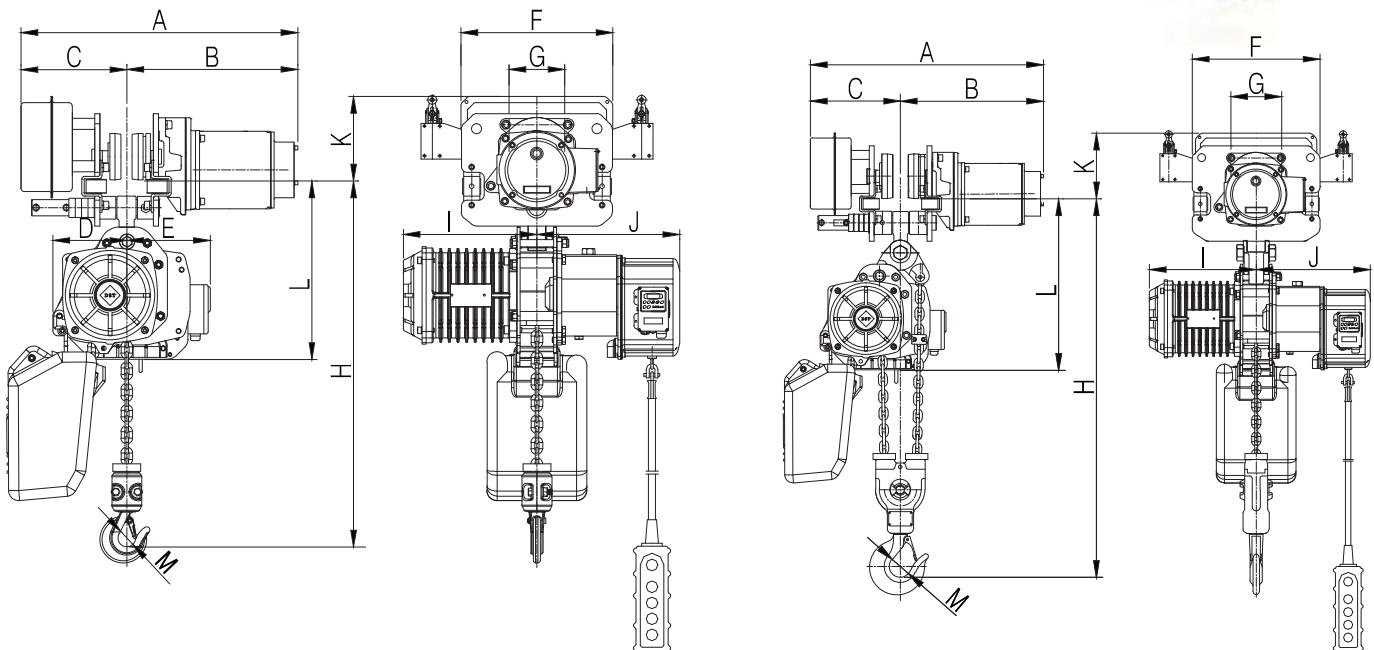
(SINGLE PHASE)

SINGLE SPEED / MOTORIZED TROLLEY

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed Range(m/min)		Trolley Speed Range(m/min)		Hoist Motor	Duty Rating	Trolley Motor	Load Chain	Standard	I-Beam Min	Weight
	(Ton)	(Voltage)	M		50Hz	60Hz	50Hz	60Hz	(kw)	(min)	(kw)	(diapitch)	(i-beam width)	(curve radius)	(kgs)
DSSM-0.5S	0.5	110/220	3	1	6.7	8	9	11	0.8	20	0.2	6.3x19	75-125	800	95
DSSM-1S	1		3	1	3.4	4.1	9	11	0.8	20	0.2	7.1x21	75-125	800	98
DSSM-2W	2		3	2	1.7	2	9	11	0.8	20	0.2	7.1x21	100-150	800	117

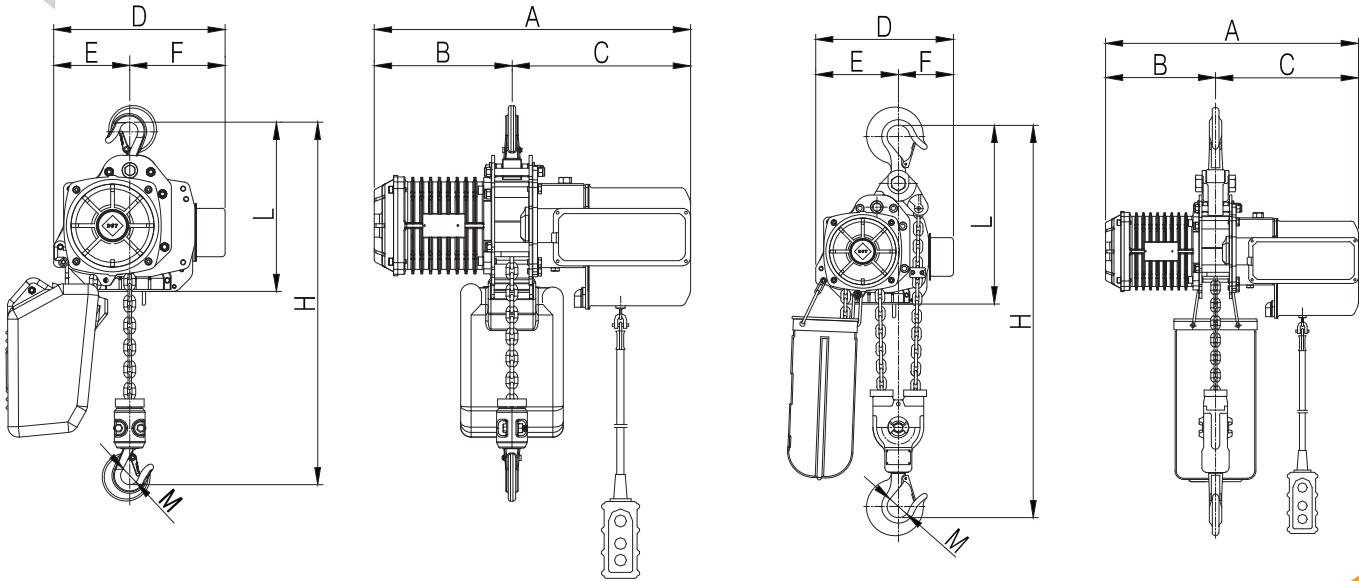
CODE	DSSM-0.5S	DSSM-1S	DSSM-2W
A	546+2B	546+2B	576+2B
B	338+B	338+B	353+B
C	208+B	208+B	223+B
D	146	146	198
E	165	165	113
F	300	300	315
G	110	110	125.4
H	434	446	660
I	264	264	264
J	262	281	281
K	165	165	161
L	359	359	424
M	34	35	53.5

■ *B calculation
 *B = 1/2 x (I-Beam width (mm))
 ■ H: minimum headroom



CLUTCH TYPE INVERTER CHAIN HOIST

EDST Series (THREE PHASE)



DUAL SPEED / HOOK SUSPENSION

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed(m/min)	Hoist Motor	Duty Rating	Load Chain	Weight
	(Ton)	(Voltage)	M			(kw)	(min)	(dia x pitch)	(kgs)
EDST-0.5S	0.5	Customer's Requested Voltage	3	1	1.7-5.2	0.8	20	6.3x19	58
EDST-1S	1		3	1	1.7-5.2	1.5	20	7.1x21	59
EDST-2W	2		3	2	1.0-2.6	1.5	20	7.1x21	64

CODE	EDST-0.5S	EDST-1S	EDST-2W
A	606	606	606
B	264	264	264
C	342	342	342
D	329	329	329
E	146	146	198
F	183	183	131
M	34	35	53.5
H	384	400	680
L	358	358	462

■ H
minimum
headroom



DUAL SPEED / MOTORIZED TROLLEY

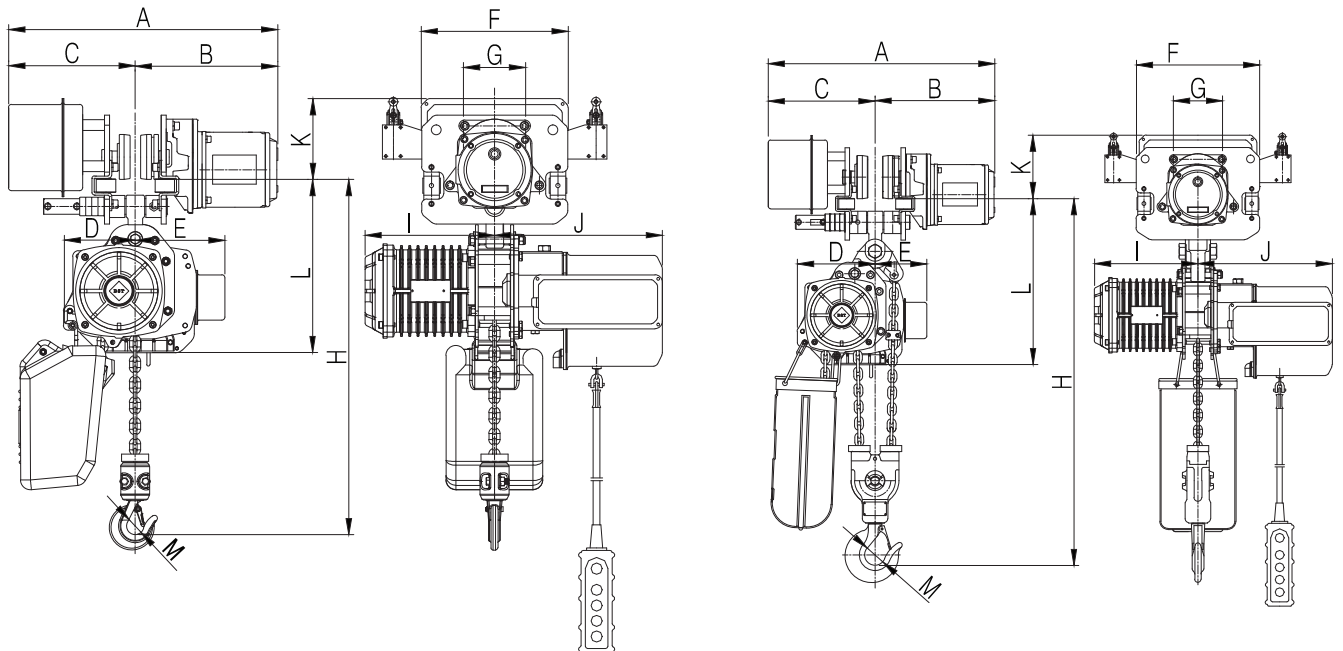
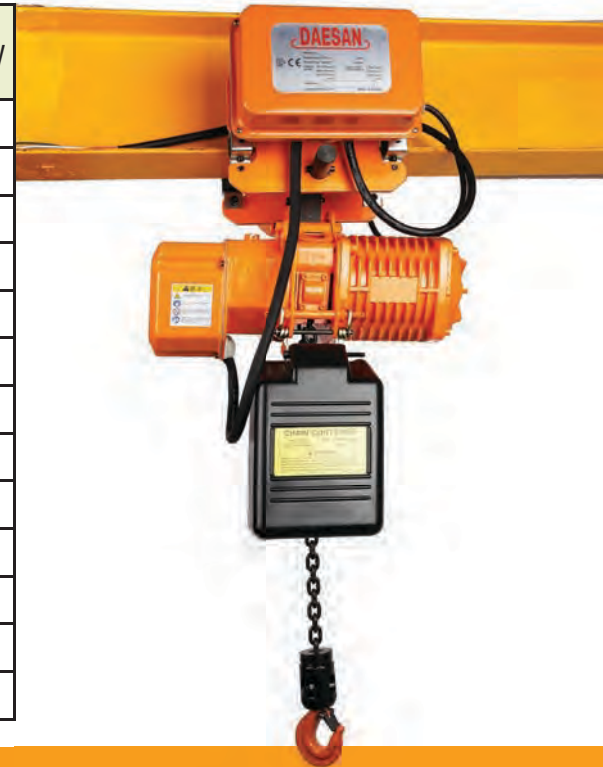
MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed Range(m/min)	Trolley Speed Range(m/min)	Hoist Motor	Duty Rating	Trolley Motor	Load Chain	Standard	I-Beam Min	Weight
	(Ton)	(Voltage)	M		2 SPEED	2 SPEED	(kw)	(min)	(kw)	(dia x pitch)	(i-beam width)	(curve radius)	(kgs)
EDSTM-0.5S	0.5	Customer's Requested Voltage	3	1	1.7-5.2	5.2 ~ 12.2	0.8	20	0.4	6.3x19	75-125	800	100
EDSTM-1S	1		3	1	1.7-5.2	5.2 ~ 12.2	1.5	20	0.4	7.1x21	75-125	800	101
EDSTM-2W	2		3	2	1.0-2.6	5.2 ~ 12.2	1.5	20	0.4	7.1x21	100-150	800	120

CODE	EDSTM-0.5S	EDSTM-1S	EDSTM-2W
A	548+2B	548+2B	577+2B
B	290+B	290+B	304+B
C	258+B	258+B	273+B
D	146	146	198
E	183	183	131
F	300	300	315
G	110	110	125.4
H	434	446	660
I	264	264	264
J	342	342	342
K	165	165	161
L	393	393	458
M	34	35	53.5

■ *B calculation

*B = 1/2 x (I-Beam width (mm))

■ H: minimum headroom



CLUTCH TYPE INVERTER CHAIN HOIST

EDSS Series

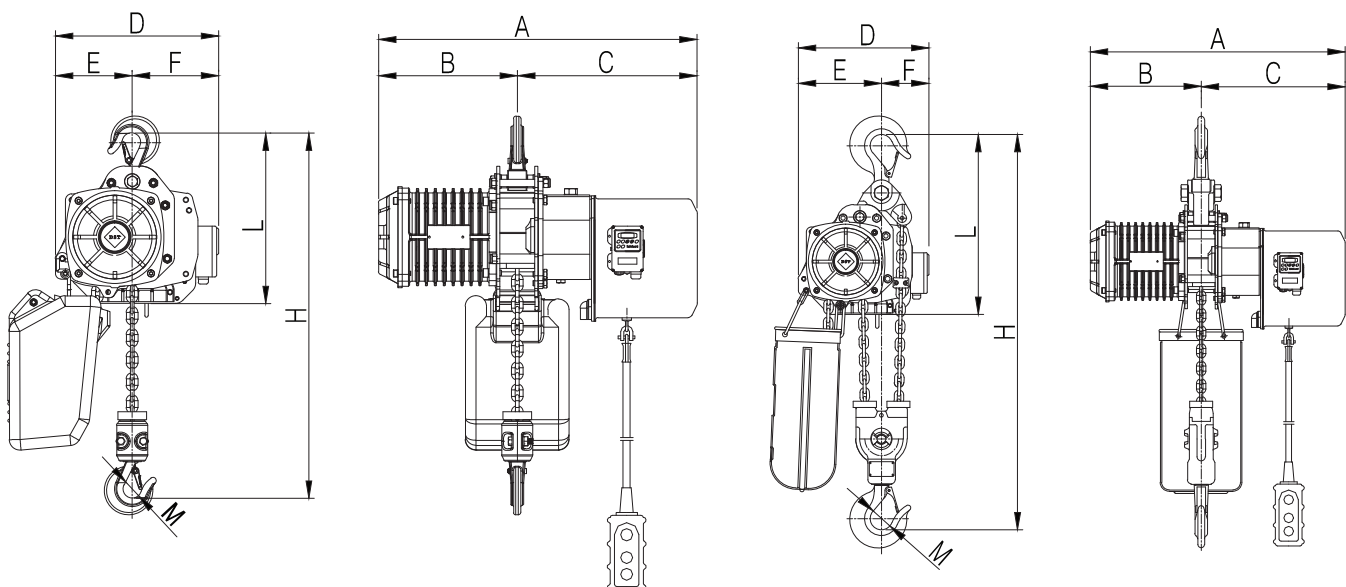
(SINGLE PHASE)

DUAL SPEED / HOOK SUSPENSION

MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed(m/min)	Hoist Motor	Duty Rating	Load Chain	Weight
	(Ton)		(Voltage)						
EDSS-0.5S	0.5	220	3	1	1.7-5.2	0.8	20	6.3x19	62
EDSS-1S	1		3	1	1.7-5.2	1.5	20	7.1x21	63
EDSS-2W	2		3	2	1.0-2.6	1.5	20	7.1x21	75

CODE	EDSS-0.5S	EDSS-1S	EDSS-2W
A	606	606	606
B	264	264	264
C	342	342	342
D	311	311	311
E	146	146	198
F	165	165	113
M	34	35	53.5
H	386	400	680
L	378	378	482

■ H : minimum headroom

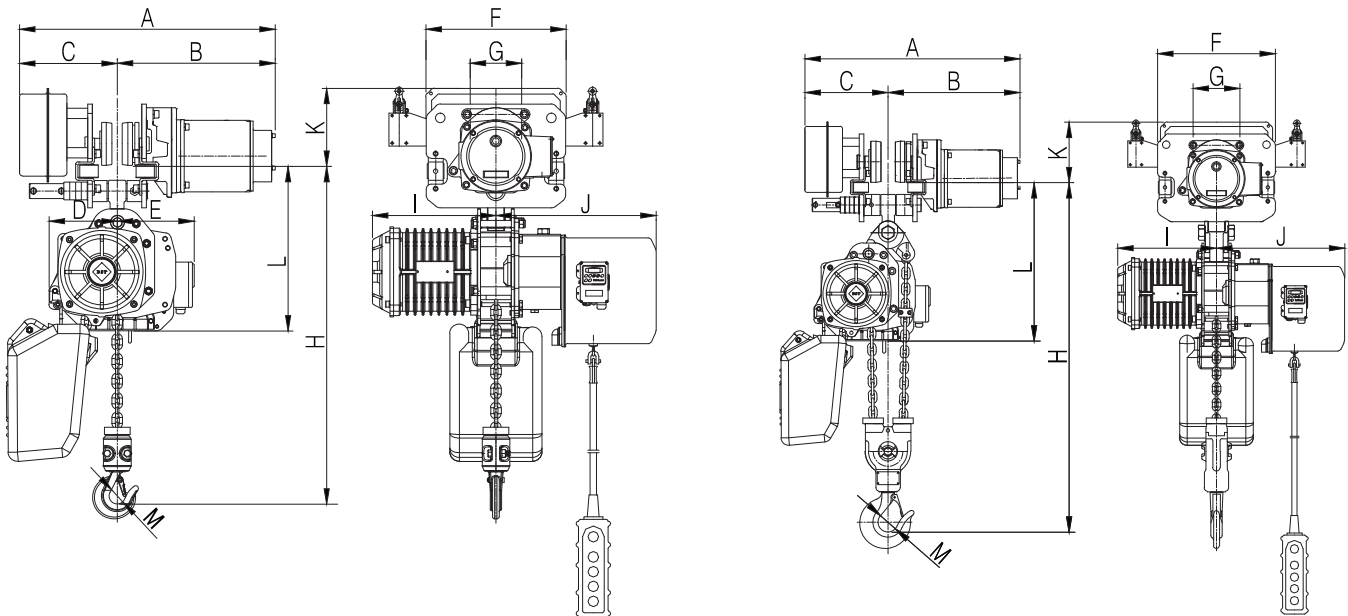


MODEL NO	Capacity	Power Supply	Lift	Chain Fall	Lifting Speed Range(m/min)		Trolley Speed Range(m/min)		Hoist Motor	Duty Rating	Trolley Motor	Load Chain	Standard	I-Beam Min	Weight
	(Ton)	(Voltage)	M		2 SPEED	50Hz	60Hz	(kw)	(min)	(kw)	(dia x pitch)	(i-beam width)	(curve radius)	(kgs)	
EDSSM-0.5S	0.5	220	3	1	1.7-5.2	9	11	0.8	20	0.2	6.3x19	75-125	800	97	
EDSSM-1S	1		3	1	1.7-5.2	9	11	1.5	20	0.2	7.1x21	75-125	800	98	
EDSSM-2W	2		3	2	1.0-2.6	9	11	1.5	20	0.2	7.1x21	100-150	800	120	

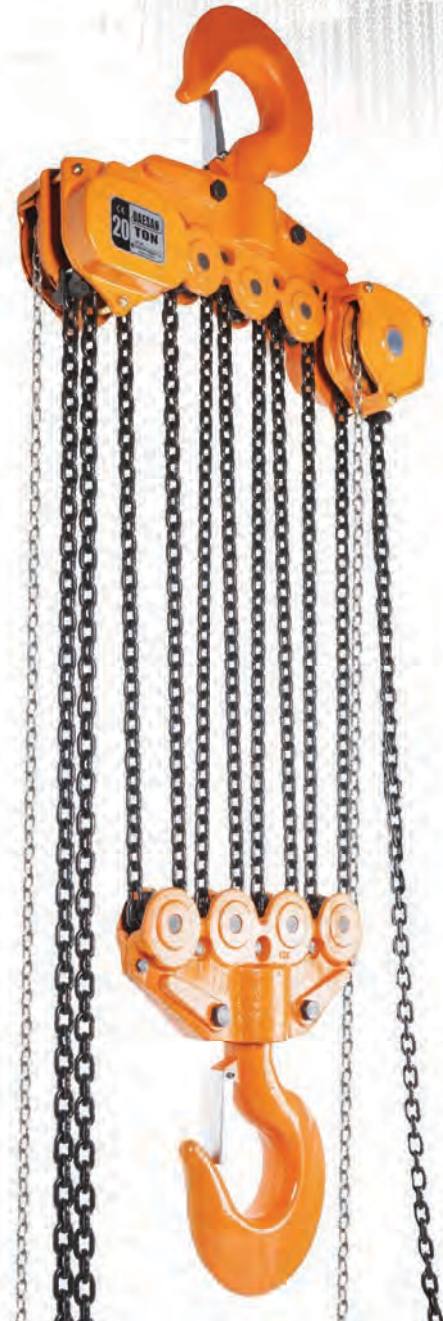
CODE	EDSSM-0.5S	EDSSM-1S	EDSSM-2W
A	547+2B	547+2B	576+2B
B	339+B	339+B	353+B
C	208+B	208+B	223+B
D	146	146	198
E	165	165	113
F	300	300	315
G	110	110	125.4
H	434	446	660
I	264	264	264
J	342	342	342
K	165	165	161
L	393	393	458
M	34	35	53.5

■ *B calculation
*B = 1/2 x (I-Beam width (mm))

■ H: minimum headroom



DAESAN MANUAUL HOIST



DAESAN portable, light weight hand chain hoists are compact and provide a dependable working tool for industrial maintenance, construction sites, machine shops, and production situations where parts need to be positioned accurately but infrequently.

CHAIN BLOCK

Covers : Protective steel covers can easily be removed for inspection and maintenance. Wheel cover & brake cover protect block from dust and rain.

Mechanical Load Brake : Can hold a capacity load stationary at any position.

Hooks : All hooks are drop forged, heat treated steel with spring type latches. Both hook rotates 360 for easy rigging.

Chain Guide : Allows smooth operation of load chain.

Load Sheaves : Deep cast pockets precisely fit the load chain. Load shafts are supported by prelubricated bearings for smooth operation.

Load Chain : Electric welded G80 alloy steel chain is heat treated for wear resistance and strength. Accurately and uniformly sized to seat properly in load sheaves.

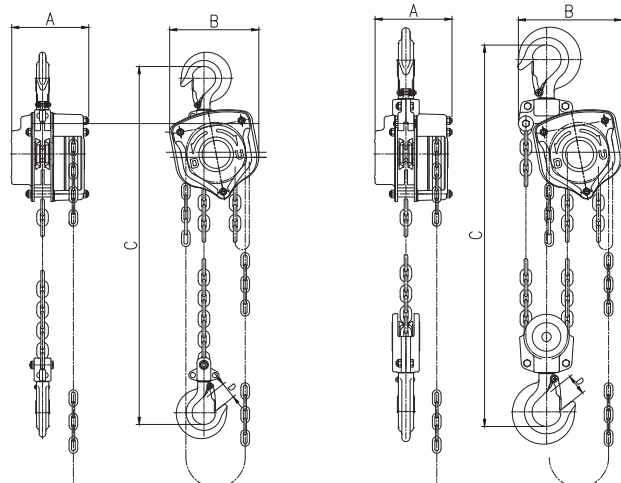


DSN TYPE

MODEL NO		DSN0.5	DSN1	DSN1.5	DSN 2NEW	DSN2	DSN3	DSN5	DSN10	DSN15	DSN20
Capacity(SWL)	ton	0.5t	1t	1.5t	2t	2t	3t	5t	10t	15t	20t
Chainfall	no.	1	1	1	2	1	2	2	4	6	8
Standard Lift	meter	2.5	2.5	2.5	3	3	3	3	3.5	3.5	3.5
Load chain dia.	mm	6.3x19.1	6.3x19.1	7.1x21.0	6.3x19.1	7.9x23.0	7.1x21.0	9.0x27.0	9.0x27.0	9.0x27.0	9.0x27.0
Hand chain	mm	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8	5.0x22.8
Net weight	kg	11	12	14	18	22	23	41	95	150	200
Pulling efforts	kg	24	33	34	33	34	35	39	41	41x2	41x2
Dimension	A	147	147	147	150	184	147	185	185	212	212
	B	145	145	164	179	187	206	258	367	745	873
	C	310	330	360	430	380	480	620	820	850	970
	D	26	30	33	38	38	42	45	53	79	85

■ For the last 3 decades DSN series had been sold over 1,000,000 units in Korea and overseas.

DSN Series



LEVER BLOCK

D3-TYPE

DAESAN light weight, portable lever hoist increases a worker's efficiency in pulling, lifting, lowering moving and skidding objects moving and skidding objects in industrial maintenance construction and utility company applications. Minimal effort is required to move tons. Excellent for stretching cable and fencing, positioning machinery and building components.

MODEL NO	D3-08	D3-15	D3-20	D3-30	D3-60
Capacity(SWL) ton	0.75t	1.5t	2t	3t	6t
Standard lift meter	1.5	1.5	1.5	1.5	1.5
Chainfall no.	1	1	1	1	2
Load chain dia. mm	6.3x19.1	7.1x21.0	7.9x23.0	9.0x27.0	9.0x27.0
Net weight kg	9	11	12	17	27
Pulling efforts kg	16	18	24	33	35
Dimension					
A	160	174	174	198	198
B	128	147	147	181	248
C	295	325	350	430	590
D	260	370	370	370	370
G	26	33	38	42	46



D1-TYPE

MODEL NO	D08	D15	D20	D30	D60	D90
Capacity(SWL) ton	0.75t	1.5t	2t	3t	6t	9t
Standard lift meter	1.5	1.5	1.5	1.5	1.5	1.5
Chainfall no.	1	1	1	1	2	4
Load chain dia. mm	6.3x19.1	7.1x21.0	7.9x23.0	9.0x27.0	9.0x27.0	9.0x27.0
Net weight kg	9	11	12	16.3	26.7	66
Pulling efforts kg	16	18	24	33	35	28
Dimension						
A	147	163	163	192	192	192
B	128	147	147	181	248	356
C	295	325	350	430	590	810
D	260	370	370	370	370	370
G	26	33	38	42	46	52



Operation (D1 type) : Two levers and a knob control the operation of DAESAN lever hoist.

The lifting "lock" lever can only be engaged when the hoist chain is slack (not under load) The grip ring is then pulled to engage the load sheave. Choose "Up" or "Down" position on the handle to raise or lower the load.

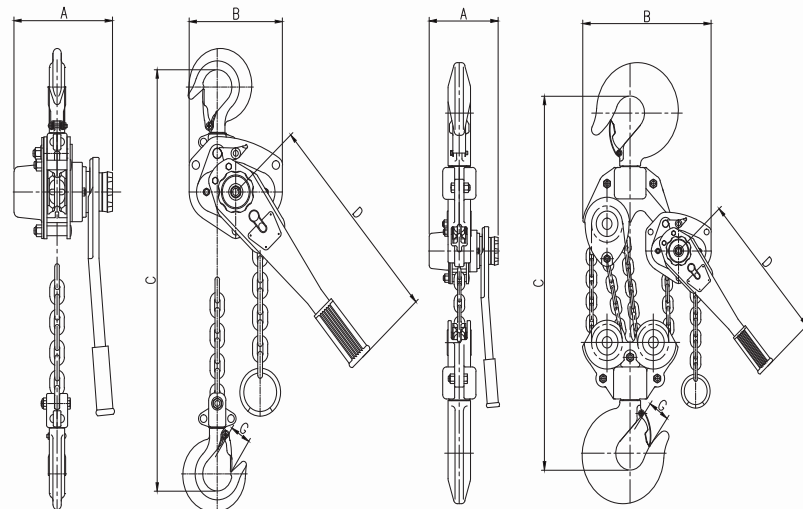
D3 type lever hoist operation is free chaining. Setting the reversing lever to N (neutral) allows unloaded hook to be moved to the optimum position for attaching the load. (free chaining)

Gears : Six tooth pinion gear and four pocket load sheave makes operation easy. Gears are permanently lubricated

Mechanical load brake : Brake can hold a full capacity load stationary in any position. Load is not transferred back to handle during handle advancement.

Hooks : All hooks are drop forged, heat treated steel with spring type latches. Both hook rotates 360 for easy rigging.

Load Chain : Electric welded G80 alloy steel chain is heat treated for wear resistance and strength. Accurately and uniformly sized to seat properly in load sheaves.



TROLLEY

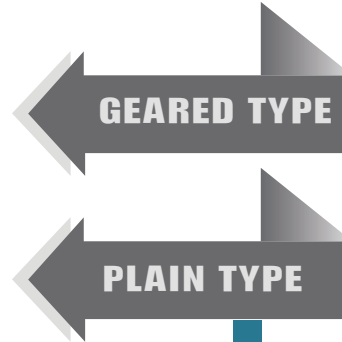
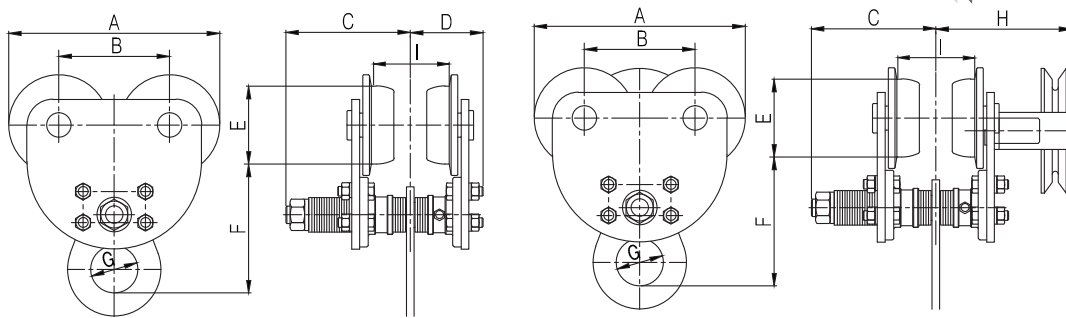
DAESAN plain and geared trolleys are light and easy to adapt to a wide range of beams. The trolley wheels include lifetime ball bearings for maintenance free operation.

Bearings : Shielded, lifetime lubricated, single row ballbearings.

Wheels : Crown tread allows operation on tapered or flat flange beams with increased durability.

Suspension Lug : Pivot mounted suspension shaft designed to equally distribute the load to all wheels.

Hand Chain Box : Equipped from 20ton or above capacity gear trolley for better protection.



DP, DG TYPE

(*1 : applied I-beam width)

Cap	Plain	Geared	DIMENSION								
			A	B	C	D	E	F	G	H	I
1/2t	DP05	N/A	174	90	142.5	76	55	129.5	45	N/A	75-125
1t	DP1	DG1	233	122	142.5	76	80	128	45	164	75-125
2t	DP2	DG2	271	142	160	93	100	165	60	176	100-150
3t	DP3	DG3	312	163	168.5	100.5	113	190	67	183	100-150
5t	DP5	DG5	352	183	184.5	115	125	230	77	198.5	125-175
10t	DP10	DG10	352	183	249	126	125	253.5	70	199.5	125-200
20t	N/A	DG20	1131	712	291.5	N/A	150	434	122	291.5	175-200
30t	N/A	DG30	1312	776	302	N/A	154	457.5	122	302	175-200
40t	N/A	DG40	1312	776	302	N/A	154	457.5	122	302	175-200

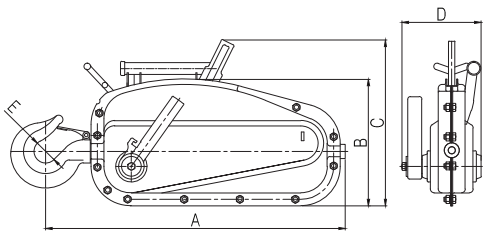
*C,D,H figures are for minimum beam width. Figures will change accordingly when applied beam width increases.



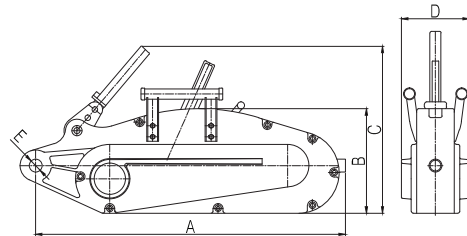
WIRE ROPE WINCH

DAESAN wire rope winch is manual winch used with steel wire rope.

- They can be used to lift, pull and position loads over great distances depending on the wire rope length.
- They are suitable for use in numerous configurations and are the ideal solution for use in professional applications.
- They are operated by a simple lever.
- Low weight—quick installation.
- No limitation in terms of cable length.
- Manageable, light-weight, robust, powerful.
- Increase load capacity with deflection sheaves.



DW15



DW35

DW TYPE SPECIFICATION

MODEL		DW15	DW35	DIMENSION		
				DW15	DW35	
Capacity (SWL)	ton	1.6t	3.2t	A	556	675
Wire rope dia.	mm	IWRC 11.6	IWRC 16.0			
Casing of material		SPC	AL casting	B	235	228
Transmission speed	m/min	3	3			
Pulling capacity	ton	2.5t	5t	C	350	343
Max. test to	ton	3t	6t			
Breaking strength of wire	ton	9.68	17.2	D	147	148
Safety device		safety hooks	safety pins			
External dimension(WxLxH)	cm	62x30x15	72x32x14	E	43	28.5
Length of handle	mm	1050	1210			
Net weight without wire	kg	22	33			





-Proof Manual

CHAIN HOIST [1,2,3,5,10TON]

PLAIN & GEARED TROLLEYS[1,2,3,5,10]

EXPLOSION PROTECTION & SPARK RESISTANCE

Designed for explosion environments with spark resistant, copper-plated suspension and load hooks stainless steel hand chain and electroless nickel plated load chain; and copper wheels for trolley with safety drop stop and rubber bumper

CORROSION RESISTANT

Enhanced robust electroless nickel plated housing protects internal components even in the toughest conditions

*ATEX marking :

EX II 2 GD C IIC T4 T + 135 °C

*Suitable for gas & dust hazardous areas :

zone 1&2, zone 21&22

*Stainless steel hand chain (316L)

*Electroless nickel plated load chain

*Copper wheel

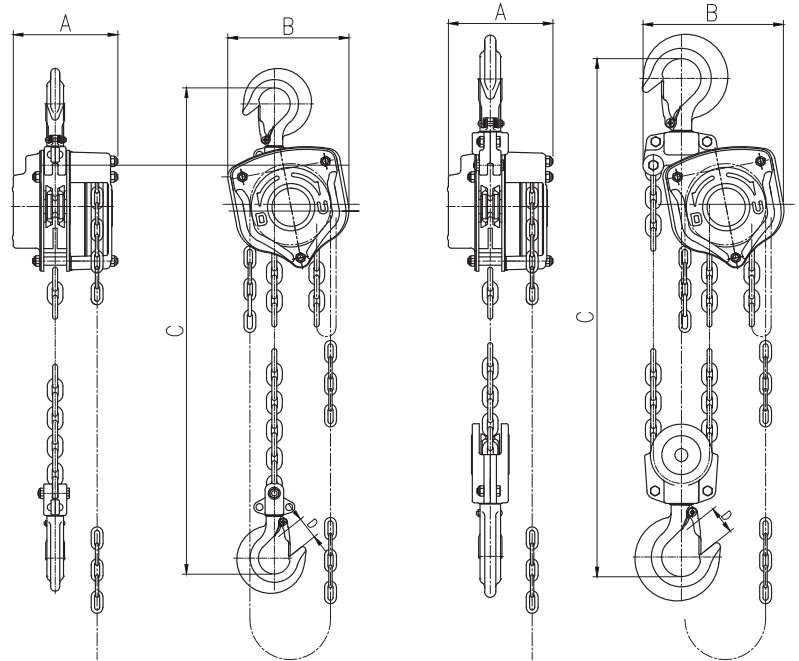
*Electroless nickel plated housing

Option : * Corrosion proof stainless steel load chain

* Stainless steel chain box

* Copper suspension & load hook





*Explosion protected version with spark resistant coating

TYPE		EX DSN				
capacity basic/medium	t	1	2	3	5	10
capacity high	t	1	2	3	5	10
Hand chain force	kg	33	34	35	39	41
Hand chain operation length	m	2.5	3	3	3	3.5
Number of chain falls		1	1	2	2	4
Load chain size	mm	6.3x19.1	7.9x23	7.1x21	9x27	9x27
Min headroom (c)	mm	330	380	480	620	820
A		147	184	147	185	185
B		145	187	206	258	367
D		30	38	42	45	53
Weight with standard lift	kg	12	22	23	41	95
weight per m additional lift	kg	1.36	1.86	2.7	4.02	7.54