

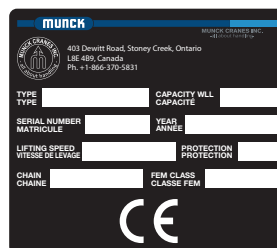


Durable
safe easy to use
compact small
and powerfull

munck

-all about handling-

Electric chain hoist MH Series



Rated capacity	125 Kg - 2t
Power supply	380-415 V / 50 Hz 400-460 V / 60 Hz
Control voltage	24 V
Duty rating	30% - 40%
Motor insulation class	F
Enclosure protection	IP 55
Operating temperature	-10°C / +40°C
Operating humidity	85% or less



-all about handling-



Electric chain hoist MH series

HOUSING - Aluminium die cast body, compact, light and rugged, control panel made with shock resistant plastic.

MOTOR - Three-phase asynchronous pole change motor with cylindrical rotor with insulation class F.

BRAKE - On MH chain hoist series is used an electro-mechanical disk brakes FD type. This device grants a safe braking and stop drives quickly and a reliable action in any operating mode and moreover a strong noise reduction. MH hoist brakes are also as standard provided with dust protection ring to improve durability and performances.

GEARBOX - Parallel shaft 3 stages gearbox provided with case hardened alloy steel helical gears to allow a very smooth transmission, vibration-free and low noise operations.

FRICTION CLUTCH - The safety clutch operating in oil bath is offered as a reliable overload safety and extends the service life of the gearbox and the motor. It must only be readjusted after 20,000 slipping occurrences.

LOW VOLTAGE CONTROL PANEL - As standard MH hoists are complete with integrated low voltage control panel 24V designed, built and wired according to EN 60204-32. The control board is protected inside the hoist aluminium body and sealed with a shock resistant plastic cover complete with rubber gasket to grant IP55 protection. Schneider electromagnetic contactor (low consumption coil) version are used as standard.

PUSH BUTTON CONTROL - Ergonomic design with emergency stop provided as standard. Both operator friendly and great durability. Protection IP 65.

LOAD CHAIN - Galvanized alloy steel chain, class DAT (G80), highly resistant to fatigue and wear Conform to EN 818-7.

CHAIN CONTAINER - Durable plastic containers available in 2 different sizes for all models.

**Munck Cranes,
changing the world,
one lift at a time!**



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MH/1S type
Eye suspension

MH/1S type
Capacity 125 kg÷2 t



- SWL from 125Kg to 2 tonne
- Standard height of lift: 3 m
- Electro-galvanized chain class DAT (G 80) conform to EN 818-7
- Standard push button length: 2 m
- Power supply: 380-415 V / 50 Hz, 400-460 V / 60 Hz
- Control voltage: 24 V
- Plastic chain container
- Aluminium die cast body, compact and rugged
- Corrosion resistant electro-magnetical brake
- Double poles motor, isolation class F
- Ergonomic push button control
- Protection IP55

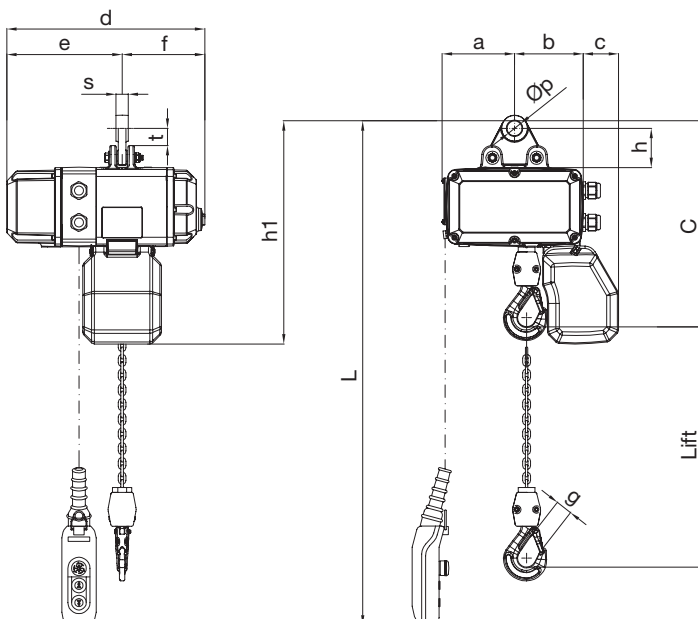
MH/1S type
Eye suspension

TECHNICAL DATA

SWL	Type	Body size	Standard Lift	Standard push button cord “L”	Chain		Lifting speed	Power supply	Lifting motor		Classification	Test load	Weight with 3 m lift	Weight of additional meter of lift
					Diameter x falls				Output	ED				
Kg			m	m	mm	n°	m/min.		kW	%	FEM	t	Kg	Kg
125	MH1SD/1S	A1	3	2,5	5	1	8/2	380-415 V 50 Hz	0,09/0,36	40	2m	156	35	0,55
250	MH3LD/1S		3	2,5	5	1	5/1,25		0,09/0,36	40	3m	313	35	0,55
250	MH3SD/1S		3	2,5	5	1	8/2		0,09/0,36	40	1Am	313	35	0,55
500	MH5LD/1S	A2	3	2,5	5	1	5/1,25		0,18/0,75	40	1Am	625	35	0,55
500	MH5SD/1S		3	2,5	5	1	8/2		0,18/0,75	40	1Am	625	35	0,55
1000	MH10LD/1S		3	2,5	5	2	4/1		0,18/0,75	40	1Am	1250	37	1,1
1000	MH10SD/1S	B	3	2,5	7	1	8/2		0,45/1,90	30	1Am	1250	58	1,1
2000	MH20LD/1S		3	2,5	7	2	4/1		0,45/1,90	30	1Am	2500	61	2,2

SWL	Type	Minimum headroom C	Dimensions											
Kg		mm	a mm	b mm	c mm	d mm	e mm	f mm	g mm	h mm	h1* mm	s mm	t mm	ø p mm
125	MH1SD/1S	420	148	140	72	404	235	169	25	80	455	25	35	30,5
250	MH3LD/1S	420	148	140	72	404	235	169	25	80	455	25	35	30,5
250	MH3SD/1S	420	148	140	72	404	235	169	25	80	455	25	35	30,5
500	MH5LD/1S	420	148	140	72	404	235	169	25	80	455	25	35	30,5
500	MH5SD/1S	420	148	140	72	404	235	169	25	80	455	25	35	30,5
1000	MH10LD/1S	456	148	140	72	404	235	169	25	80	455	25	35	30,5
1000	MH10SD/1S	454	174	144	116	452	266	186	25	92	545	30	36,5	36,5
2000	MH20LD/1S	541	174	144	116	452	266	186	34	92	545	30	36,5	36,5

* Short type chain container (up to 11 m chain)



MH/1G type Hook suspension

MH/1G type Capacity 125 kg÷2 t



- SWL from 125Kg to 2 tonne
- Standard height of lift: 3 m
- Electro-galvanized chain class DAT (G 80) conform to EN 818-7
- Standard push button length: 2 m
- Power supply: 380-415 V / 50 Hz, 400-460 V / 60 Hz
- Control voltage: 24 V
- Plastic chain container
- Aluminium die cast body, compact and rugged
- Corrosion resistant electro-magnetical brake
- Double poles motor, isolation class F
- Ergonomic push button control
- Protection IP55

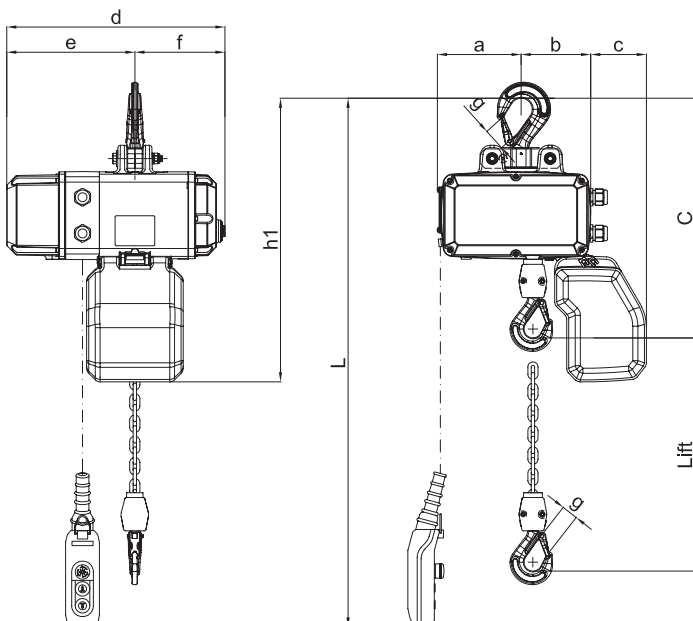
MH/1G type
Hook suspension

TECHNICAL DATA

SWL	Type	Body size	Standard Lift	Standard push button cord “L”	Chain		Lifting speed	Power supply	Lifting motor		Classification	Test load	Weight with 3 m lift	Weight of additional meter of lift
					Diameter x falls				Output	ED				
Kg			m	m	mm	n°	m/min.		kW	%	FEM	t	Kg	Kg
125	MH1SD/1G	A1	3	2,5	5	1	8/2	380-415 V 50 Hz	0,09/0,36	40	2m	156	35	0,55
250	MH3LD/1G		3	2,5	5	1	5/1,25		0,09/0,36	40	3m	313	35	0,55
250	MH3SD/1G		3	2,5	5	1	8/2		0,09/0,36	40	1Am	313	35	0,55
500	MH5LD/1G	A2	3	2,5	5	1	5/1,25		0,18/0,75	40	1Am	625	35	0,55
500	MH5SD/1G		3	2,5	5	1	8/2		0,18/0,75	40	1Am	625	35	0,55
1000	MH10LD/1G		3	2,5	5	2	4/1		0,18/0,75	40	1Am	1250	37	1,1
1000	MH10SD/1G	B	3	2,5	7	1	8/2		0,45/1,90	30	1Am	1250	58	1,1
2000	MH20LD/1G		3	2,5	7	2	4/1		0,45/1,90	30	1Am	2500	61	2,2

SWL	Type	Minimum headroom C	Dimensions							
			C mm	a mm	b mm	c mm	d mm	e mm	f mm	h1* mm
125	MH1SD/1G	445	445	148	140	72	404	235	169	480
250	MH3LD/1G	445	445	148	140	72	404	235	169	480
250	MH3SD/1G	445	445	148	140	72	404	235	169	480
500	MH5LD/1G	445	445	148	140	72	404	235	169	480
500	MH5SD/1G	445	445	148	140	72	404	235	169	480
1000	MH10LD/1G	480	480	148	140	72	404	235	169	480
1000	MH10SD/1G	500	500	174	144	116	452	266	186	590
2000	MH20LD/1G	585	585	174	144	116	452	266	186	590

* Short type chain container (up to 11 m chain)



**MH/2S type
With plain trolley**

**MH/2S type
Capacity 125 kg÷2 t**



- SWL from 125Kg to 2 tonne
- Standard height of lift : 3 m
- Electro-galvanized chain class DAT (G 80) conform to EN 818-7
- Standard push button length: 2,5 m
- Power supply: 380-415 V / 50 Hz, 400-460 V / 60 Hz
- Control voltage: 24 V
- Plastic chain container
- Aluminium die cast body, compact and rugged
- Corrosion resistant electro-magnetical brake
- Double poles motor, isolation class F
- Ergonomic push button control
- Protection IP55
- Single shaft trolley
- Safety lugs and rubber bumpers
- Wheels profile suitable for flat or tapered beams

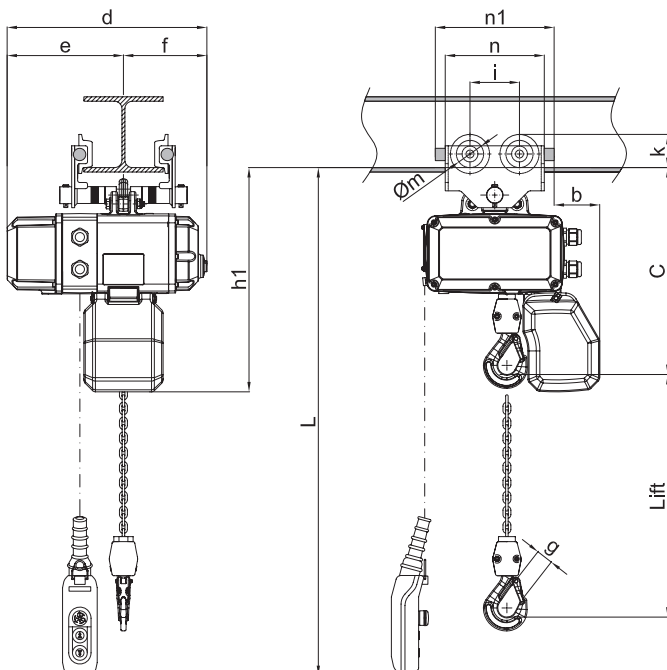
MH/2S type
With plain trolley

TECHNICAL DATA

SWL	Type	Body size	Standard Lift	Standard push button cord "L"	Chain		Lifting speed	Power supply	Lifting motor		Classification	Beam width		Min. radius curve	Test load	Weight with 3 m lift	Weight of additional meter of lift
					Diameter x falls				Output	ED		Std	Opt				
Kg			m	m	mm	n°	m/min.		kW	%	FEM	mm	mm	mm	t	Kg	Kg
125	MH1SD/2S	A1	3	2,5	5	1	8/2	380-415 V 50 Hz	0,09/0,36	40	2m	62÷152	153÷300	800	156	41	0,55
250	MH3LD/2S		3	2,5	5	1	5/1,25		0,09/0,36	40	3m	62÷152	153÷300	800	313	41	0,55
250	MH3SD/2S		3	2,5	5	1	8/2		0,09/0,36	40	1Am	62÷152	153÷300	800	313	41	0,55
500	MH5LD/2S	A2	3	2,5	5	1	5/1,25		0,18/0,75	40	1Am	62÷152	153÷300	800	625	41	0,55
500	MH5SD/2S		3	2,5	5	1	8/2		0,18/0,75	40	1Am	62÷152	153÷300	800	625	41	0,55
1000	MH10LD/2S		3	2,5	5	2	4/1		0,18/0,75	40	1Am	80÷203	204÷300	900	1250	48	1,1
1000	MH10SD/2S	B	3	2,5	7	1	8/2		0,45/1,90	30	1Am	80÷203	204÷300	900	1250	70	1,1
2000	MH20LD/2S		3	2,5	7	2	4/1		0,45/1,90	30	1Am	106÷203	204÷300	1000	2500	80	2,2

SWL	Type	Minimum headroom C	Dimensions										
Kg		C mm	b mm	d mm	e mm	f mm	g mm	h1* mm	i mm	Øm mm	n mm	n1 mm	k mm
125	MH1SD/2S	425	92	404	235	169	25	460	100	55	200	240	67
250	MH3LD/2S	425	92	404	235	169	25	460	100	55	200	240	67
250	MH3SD/2S	425	92	404	235	169	25	460	100	55	200	240	67
500	MH5LD/2S	425	92	404	235	169	25	460	100	55	200	240	67
500	MH5SD/2S	425	92	404	235	169	25	460	100	55	200	240	67
1000	MH10LD/2S	500	69	404	235	169	25	498	120	78	246	286	87
1000	MH10SD/2S	462	117	452	236,5	186,5	25	555	120	78	246	286	87
2000	MH20LD/2S	555	117	452	236,5	186,5	34	560	132	80	276	316	94

* Short type chain container (up to 11 m chain)



MH/3 type With electric trolley

MH/3 type Capacity 125 kg÷2 t



- SWL from 125Kg to 2 tonne
- Standard height of lift : 3 m
- Electro-galvanized chain class DAT (G 80) conform to EN 818-7
- Standard push button length: 2,5 m
- Power supply: 380-415 V / 50 Hz, 400-460 V / 60 Hz
- Control voltage: 24 V
- Plastic chain container
- Aluminium die cast body, compact and rugged
- Corrosion resistant electro-magnetical brake
- Double poles motor, isolation class F
- Ergonomic push button control
- Protection IP55
- Safety lugs and rubber bumpers
- Wheels profile suitable for flat or tapered beams
- Travel limit switch

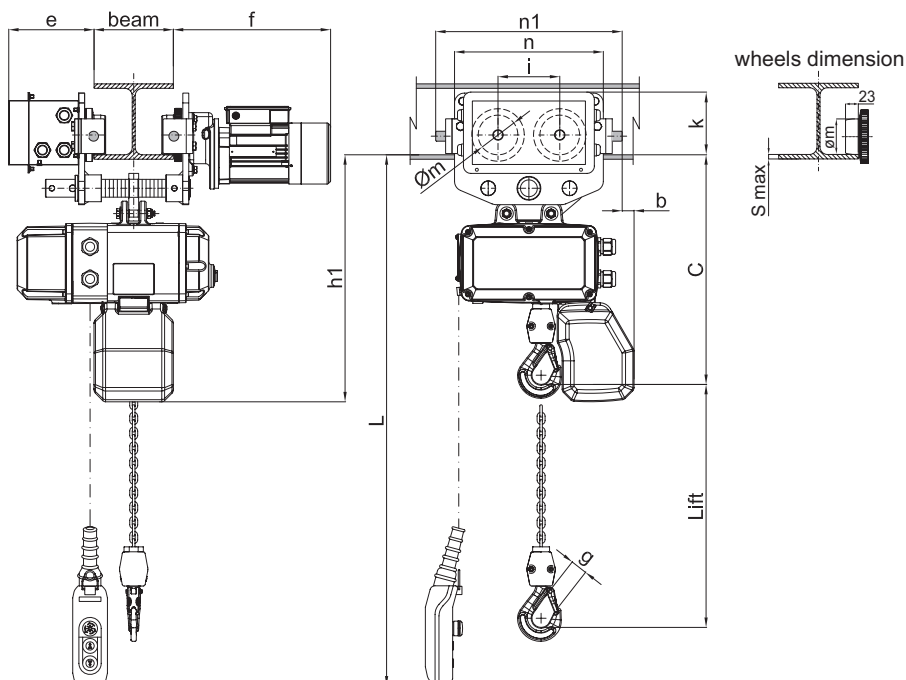
MH/3 type
With electric trolley

TECHNICAL DATA

SWL	Type	Body size	Standard Lift	Standard push button cord "L"	Chain		Lifting speed	Lifting motor		Trolley speed	Trolley motor		Classification	Beam width		Min. radius curve	Test load	Weight with 3 m lift	Weight of additional meter of lift
					Diameter x falls			Output	ED		Output	ED		Std	Opt				
Kg			m	m	mm	n°	m/min.	kW	%	m/min.	kW	%	FEM	mm	mm	mm	t	Kg	Kg
125	MH1SD/3	A1	3	2,5	5	1	8/2	0,09/0,36	40	10 20 20/5	0,10 0,18 0,18/0,045	40	2m	55÷200	201÷300	900	156	76	0,55
250	MH3LD/3		3	2,5	5	1	5/1,25	0,09/0,36	40			40	3m	55÷200	201÷300	900	313	76	0,55
250	MH3SD/3		3	2,5	5	1	8/2	0,09/0,36	40			40	1Am	55÷200	201÷300	900	313	76	0,55
500	MH5LD/3		3	2,5	5	1	5/1,25	0,18/0,75	40			40	1Am	55÷200	201÷300	900	625	76	0,55
500	MH5SD/3	A2	3	2,5	5	1	8/2	0,18/0,75	40			40	1Am	55÷200	201÷300	900	625	76	0,55
1000	MH10LD/3		3	2,5	5	2	4/1	0,18/0,75	40			40	1Am	55÷200	201÷300	900	1250	85	1,1
1000	MH10SD/3	B	3	2,5	7	1	8/2	0,45/1,9	40			40	1Am	60÷200	201÷300	900	1250	106	1,1
2000	MH20LD/3		3	2,5	7	2	4/1	0,45/1,9	40			40	1Am	60÷200	201÷300	900	2500	116	2,2

SWL	Type	Minimum headroom C	Dimensions										
Kg		C mm	b mm	e mm	f mm	g mm	h1* mm	i mm	Øm mm	n mm	n1 mm	k mm	S max mm
125	MH1SD/3	465	24	165	280	25	500	99	60	270	356	103	25
250	MH3LD/3	465	24	165	280	25	500	99	60	270	356	103	25
250	MH3SD/3	465	24	165	280	25	500	99	60	270	356	103	25
500	MH5LD/3	465	24	165	280	25	500	99	60	270	356	103	25
500	MH5SD/3	465	24	165	280	25	500	99	60	270	356	103	25
1000	MH10LD/3	500	24	172	317	25	500	124.5	80	300	376	125	25
1000	MH10SD/3	580	72	172	317	25	584	124.5	80	300	376	125	25
2000	MH20LD/3	667	72	172	317	34	584	124.5	80	300	376	125	25

* Short type chain container (up to 11 m chain)





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