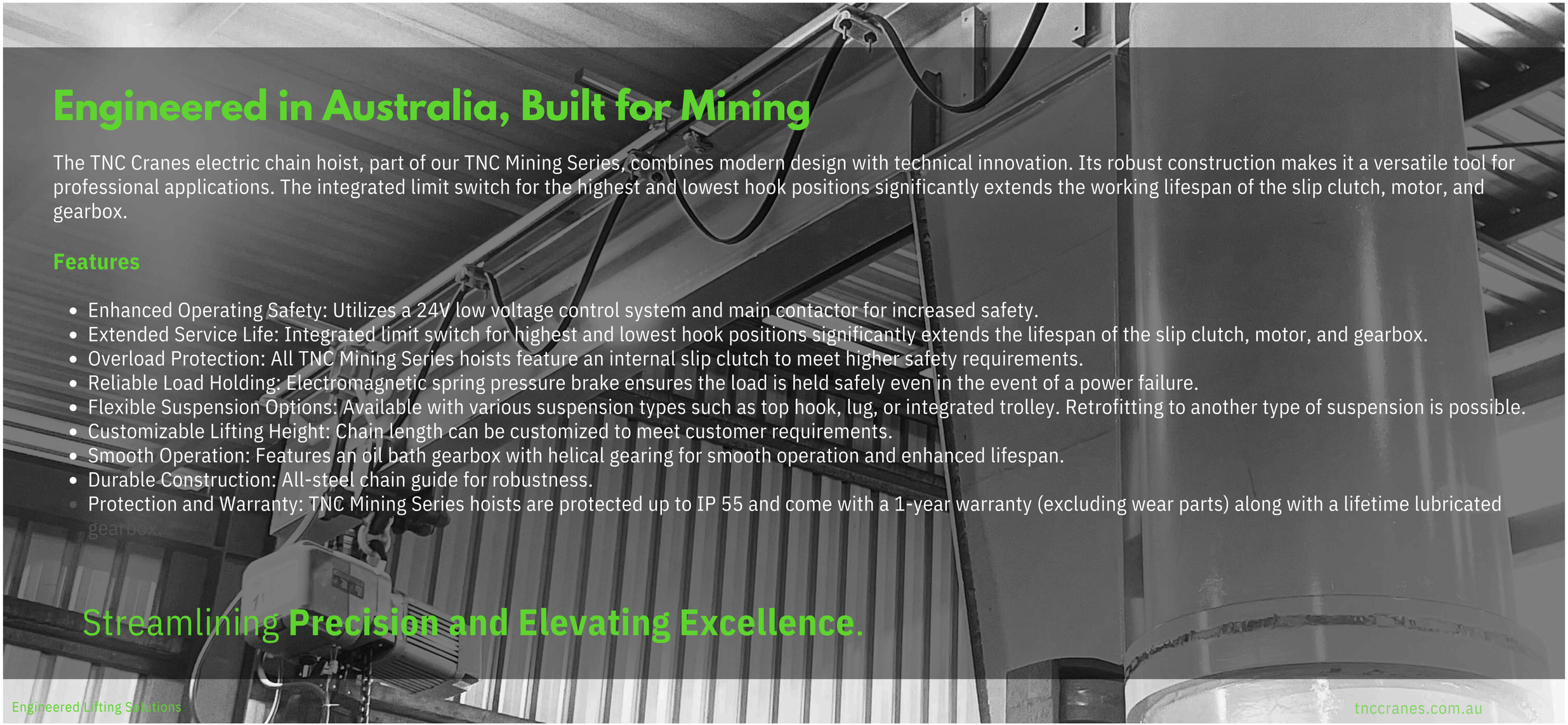

TNC
CRANES
1300 163 422
Chain Hoist Solutions
Mine Series
Capacity 1-5t
Electric Chain Hoist
MRC 10T
tnccranes.com.au
Engineered in Australia, Built for Mining



Engineered in Australia, Built for Mining

The TNC Cranes electric chain hoist, part of our TNC Mining Series, combines modern design with technical innovation. Its robust construction makes it a versatile tool for professional applications. The integrated limit switch for the highest and lowest hook positions significantly extends the working lifespan of the slip clutch, motor, and gearbox.

Features

- Enhanced Operating Safety: Utilizes a 24V low voltage control system and main contactor for increased safety.
- Extended Service Life: Integrated limit switch for highest and lowest hook positions significantly extends the lifespan of the slip clutch, motor, and gearbox.
- Overload Protection: All TNC Mining Series hoists feature an internal slip clutch to meet higher safety requirements.
- Reliable Load Holding: Electromagnetic spring pressure brake ensures the load is held safely even in the event of a power failure.
- Flexible Suspension Options: Available with various suspension types such as top hook, lug, or integrated trolley. Retrofitting to another type of suspension is possible.
- Customizable Lifting Height: Chain length can be customized to meet customer requirements.
- Smooth Operation: Features an oil bath gearbox with helical gearing for smooth operation and enhanced lifespan.
- Durable Construction: All-steel chain guide for robustness.
- Protection and Warranty: TNC Mining Series hoists are protected up to IP 55 and come with a 1-year warranty (excluding wear parts) along with a lifetime lubricated gearbox.

Streamlining **Precision and Elevating Excellence.**

Electric chain hoist

Features Mining Series

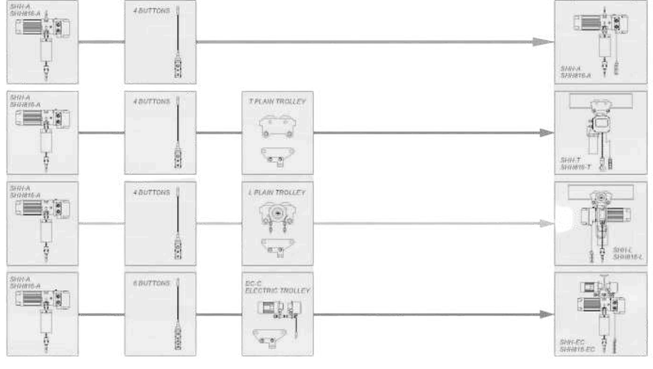
SHH SERIES

MINING SERIES

CAPACITIES 250 - 5000 KG

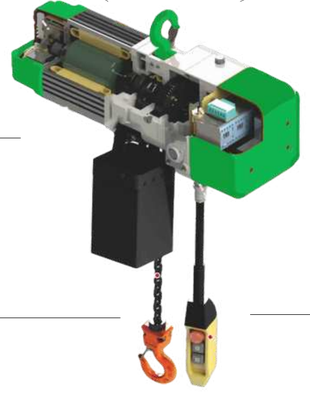
PUSH, GEARED OR ELECTRIC TROLLEY

Product Configuration



Electromagnetic Brake:
- Fast and stable braking with minimal brake wear.
- No need for adjustment.

Load Sheave:
- Made from special alloy steel.
- CNC precision processing for smooth load chain rotation.



Hoisting Motor:
- 50% ED high-end duty rating with thermal protector to prevent overheating.
- Unique independent fan system.

Limit Switch:
- Stops the hoist at both ends of the hook path for added safety.

Control Pendant:
- Ergonomic design for operator friendliness.
- Includes emergency button.

Mechanical Slipping Clutch:
- Overload protection device with imported friction material.
- Slips the force from the hoisting motor in the case of overload lifting.

External Connection Shaft:
- Optional top hook or suspension plate.

Aluminum Alloy Gearbox Cover:
- Die-cast forming for lightweight and high strength.
- Good corrosion resistance.

Gear Assembly Arrangement:
- Helical gears reduce noise and ensure smoother operation.

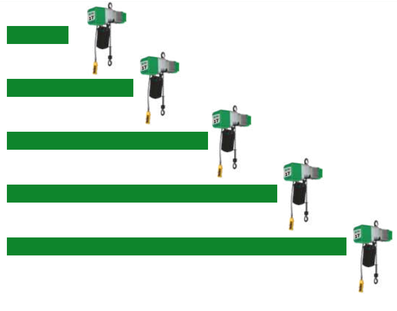
Load Bucket

SHH Model Configuration Table

Model \ Lifting Height	Capacity	≤3m	≤6m	≤9m	≤12m	≤15m	≤18m
SHH-A003							
SHH-EC003							
SHH-L003/SHH-T003	250kg	SC1	SC1	SC1	SC1	SC1	SC1
SHH-A005							
SHH-EC005							
SHH-L005/SHH-T005	500kg	SC1	SC1	SC1	SC1	SC2	SC2
SHH-A010							
SHH-EC010							
SHH-L010/SHH-T010	1t	SC1	SC1	SC2	SC3	SC3	SC3
SHH-A020							
SHH-EC020							
SHH-L020/SHH-T020	2t (2chains)	SC1	SC3	SC3	SC4	SC4	SS1
SHH-A020							
SHH-EC020							
SHH-L020/SHH-T020	2t (1chains)	SC3	SC3	SC3	SC4	SC4	SS2
SHH-A030							
SHH-EC030							
SHH-L030/SHH-T030	3t	SC3	SC3	SC3	SC4	SC4	SS2
SHH-A050							
SHH-EC050							
SHH-L050/SHH-T050	5t	SC3	SC4	SS2	SS2	SS2	SS3

Canvas Type: SC1, SC2, SC3, SC4

Steel Type: SS1, SS2, SS3



250kg-5t

Electric chain hoist

Technical Specifications Mining Series

MINING SERIES

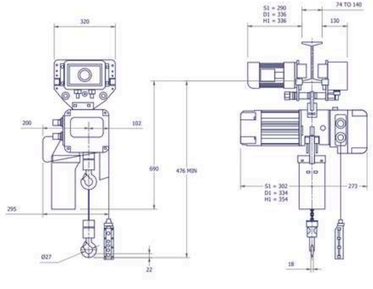
SCH STANDARD CHAIN HOIST

250kg-5t

STANDARD SERIES

Model	Capacity	Classification (FEM/ISO)	Duty Rating (%ED)	Lifting Speed (m/min)	Lifting Motor Power (kW)	Load Chain (mm)	Load Chain Falls	Net Weight (kg)
SHH-A003S1	250 kg	2m/M5	50	7.2	0.9	Ø5×15	1	44
SHH-A003D1	250 kg	3m/M6	33/17	7.2/3.5	0.9/0.3	Ø5×15	1	44
SHH-A003H1	250 kg	1Am/M4	25/14	14/3.5	1.6/0.3	Ø5×15	1	52
SHH-A005S1	500 kg	2m/M5	50	7.8	0.9	Ø6.3×19	1	46
SHH-A005D1	500 kg	3m/M6	33/17	7.8/3.9	0.9/0.3	Ø6.3×19	1	46
SHH-A005H1	500 kg	1Am/M4	25/14	15/3.9	1.6/0.3	Ø6.3×19	1	55
SHH-A010S1	1t	2m/M5	50	5.1	1.1	Ø8×24	1	60
SHH-A010D1	1t	3m/M6	33/17	5.1/2.5	1.1/0.37	Ø8×24	1	60
SHH-A010H1	1t	1Am/M4	25/14	10/2.5	2.2/0.55	Ø8×24	1	62
SHH-A020S1	2t	2m/M5	50	2.5	1.1	Ø8×24	2	73
SHH-A020D2	2t	3m/M6	33/17	2.5/1.0	1.1/0.37	Ø8×24	2	73
SHH-A020H2	2t	1Am/M4	25/14	5.0/1.0	2.2/0.55	Ø8×24	2	80
SHH-A030S1	3t	2m/M5	50	6.6	2.2	Ø10×30	1	122
SHH-A030D1	3t	3m/M6	33/17	6.6/2.2	2.2/0.75	Ø10×30	1	124
SHH-A030H1	3t	1Am/M4	25/14	13/2.2	3.0/0.75	Ø10×30	1	124
SHH-A050S2	5t	2m/M5	50	3.0	3.6	Ø11.2×34	2	142
SHH-A050D2	5t	3m/M6	33/17	3.0/1.0	3.6/1.2	Ø11.2×34	2	146





Electric chain hoist

Technical Specifications Mining Series

MINING SERIES

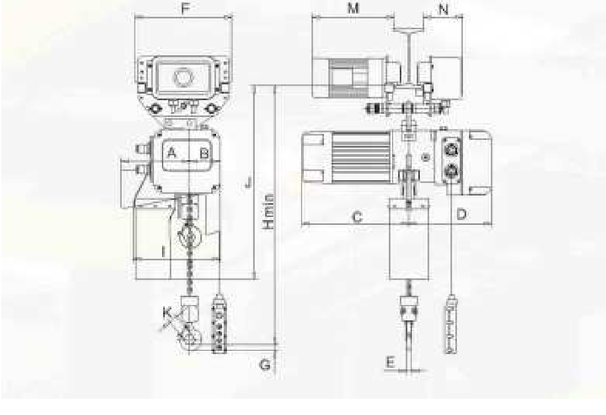
HET CHAIN HOIST

250kg-5t

ELECTRIC TROLLEY

Model	Capacity	Classification (FEM/ISO)	Duty Rating (%ED)	Lifting Speed (m/min)	Lifting Motor Power (kW)	Load Chain (mm)	Load Chain Falls	Net Weight (kg)
SHH-A003S1	250 kg	2m/M5	50	7.2	0.9	Ø5×15	1	44
SHH-A003D1	250 kg	3m/M6	33/17	7.2/3.5	0.9/0.3	Ø5×15	1	44
SHH-A003H1	250 kg	1Am/M4	25/14	14/3.5	1.6/0.3	Ø5×15	1	52
SHH-A005S1	500 kg	2m/M5	50	7.8	0.9	Ø6.3×19	1	46
SHH-A005D1	500 kg	3m/M6	33/17	7.8/3.9	0.9/0.3	Ø6.3×19	1	46
SHH-A005H1	500 kg	1Am/M4	25/14	15/3.9	1.6/0.3	Ø6.3×19	1	55
SHH-A010S1	1t	2m/M5	50	5.1	1.1	Ø8×24	1	60
SHH-A010D1	1t	3m/M6	33/17	5.1/2.5	1.1/0.37	Ø8×24	1	60
SHH-A010H1	1t	1Am/M4	25/14	10/2.5	2.2/0.55	Ø8×24	1	62
SHH-A020S1	2t	2m/M5	50	2.5	1.1	Ø8×24	2	73
SHH-A020D2	2t	3m/M6	33/17	2.5/1.0	1.1/0.37	Ø8×24	2	73
SHH-A020H2	2t	1Am/M4	25/14	5.0/1.0	2.2/0.55	Ø8×24	2	80
SHH-A030S1	3t	2m/M5	50	6.6	2.2	Ø10×30	1	122
SHH-A030D1	3t	3m/M6	33/17	6.6/2.2	2.2/0.75	Ø10×30	1	124
SHH-A030H1	3t	1Am/M4	25/14	13/2.2	3.0/0.75	Ø10×30	1	124
SHH-A050S2	5t	2m/M5	50	3.0	3.6	Ø11.2×34	2	142
SHH-A050D2	5t	3m/M6	33/17	3.0/1.0	3.6/1.2	Ø11.2×34	2	146





Electric chain hoist

Technical Specifications Mining Series

MINING SERIES

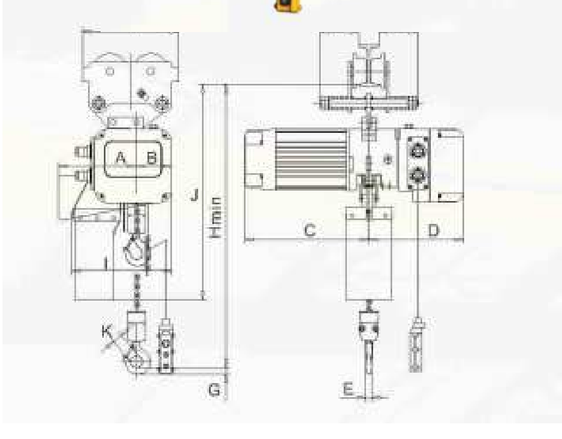
HMT CHAIN HOIST

250kg-5t

MANUAL TROLLEY

Model	Capacity	Classification (FEM/ISO)	Duty Rating (%ED)	Lifting Speed (m/min)	Lifting Motor Power (kW)	Load Chain (mm)	Load Chain Falls	Net Weight (kg)
SHH-A003S1	250 kg	2m/M5	50	7.2	0.9	Ø5×15	1	44
SHH-A003D1	250 kg	3m/M6	33/17	7.2/3.5	0.9/0.3	Ø5×15	1	44
SHH-A003H1	250 kg	1Am/M4	25/14	14/3.5	1.6/0.3	Ø5×15	1	52
SHH-A005S1	500 kg	2m/M5	50	7.8	0.9	Ø6.3×19	1	46
SHH-A005D1	500 kg	3m/M6	33/17	7.8/3.9	0.9/0.3	Ø6.3×19	1	46
SHH-A005H1	500 kg	1Am/M4	25/14	15/3.9	1.6/0.3	Ø6.3×19	1	55
SHH-A010S1	1t	2m/M5	50	5.1	1.1	Ø8×24	1	60
SHH-A010D1	1t	3m/M6	33/17	5.1/2.5	1.1/0.37	Ø8×24	1	60
SHH-A010H1	1t	1Am/M4	25/14	10/2.5	2.2/0.55	Ø8×24	1	62
SHH-A020S1	2t	2m/M5	50	2.5	1.1	Ø8×24	2	73
SHH-A020D2	2t	3m/M6	33/17	2.5/1.0	1.1/0.37	Ø8×24	2	73
SHH-A020H2	2t	1Am/M4	25/14	5.0/1.0	2.2/0.55	Ø8×24	2	80
SHH-A030S1	3t	2m/M5	50	6.6	2.2	Ø10×30	1	122
SHH-A030D1	3t	3m/M6	33/17	6.6/2.2	2.2/0.75	Ø10×30	1	124
SHH-A030H1	3t	1Am/M4	25/14	13/2.2	3.0/0.75	Ø10×30	1	124
SHH-A050S2	5t	2m/M5	50	3.0	3.6	Ø11.2×34	2	142
SHH-A050D2	5t	3m/M6	33/17	3.0/1.0	3.6/1.2	Ø11.2×34	2	146





Electric chain hoist

Technical Specifications Mining Series

MINING SERIES

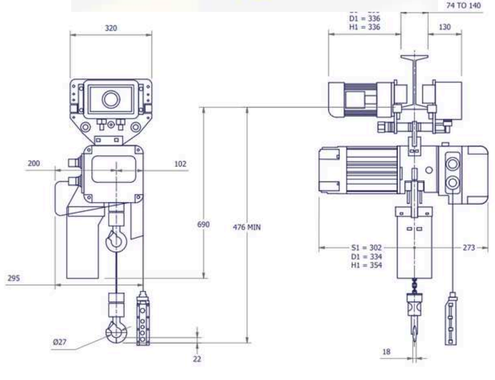
HGT CHAIN HOIST

250kg-5t

GEARED TROLLEY

Model	Capacity	Classification (FEM/ISO)	Duty Rating (%ED)	Lifting Speed (m/min)	Lifting Motor Power (kW)	Load Chain (mm)	Load Chain Falls	Net Weight (kg)
SHH-A003S1	250 kg	2m/M5	50	7.2	0.9	Ø5×15	1	44
SHH-A003D1	250 kg	3m/M6	33/17	7.2/3.5	0.9/0.3	Ø5×15	1	44
SHH-A003H1	250 kg	1Am/M4	25/14	14/3.5	1.6/0.3	Ø5×15	1	52
SHH-A005S1	500 kg	2m/M5	50	7.8	0.9	Ø6.3×19	1	46
SHH-A005D1	500 kg	3m/M6	33/17	7.8/3.9	0.9/0.3	Ø6.3×19	1	46
SHH-A005H1	500 kg	1Am/M4	25/14	15/3.9	1.6/0.3	Ø6.3×19	1	55
SHH-A010S1	1t	2m/M5	50	5.1	1.1	Ø8×24	1	60
SHH-A010D1	1t	3m/M6	33/17	5.1/2.5	1.1/0.37	Ø8×24	1	60
SHH-A010H1	1t	1Am/M4	25/14	10/2.5	2.2/0.55	Ø8×24	1	62
SHH-A020S1	2t	2m/M5	50	2.5	1.1	Ø8×24	2	73
SHH-A020D2	2t	3m/M6	33/17	2.5/1.0	1.1/0.37	Ø8×24	2	73
SHH-A020H2	2t	1Am/M4	25/14	5.0/1.0	2.2/0.55	Ø8×24	2	80
SHH-A030S1	3t	2m/M5	50	6.6	2.2	Ø10×30	1	122
SHH-A030D1	3t	3m/M6	33/17	6.6/2.2	2.2/0.75	Ø10×30	1	124
SHH-A030H1	3t	1Am/M4	25/14	13/2.2	3.0/0.75	Ø10×30	1	124
SHH-A050S2	5t	2m/M5	50	3.0	3.6	Ø11.2×34	2	142
SHH-A050D2	5t	3m/M6	33/17	3.0/1.0	3.6/1.2	Ø11.2×34	2	146





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