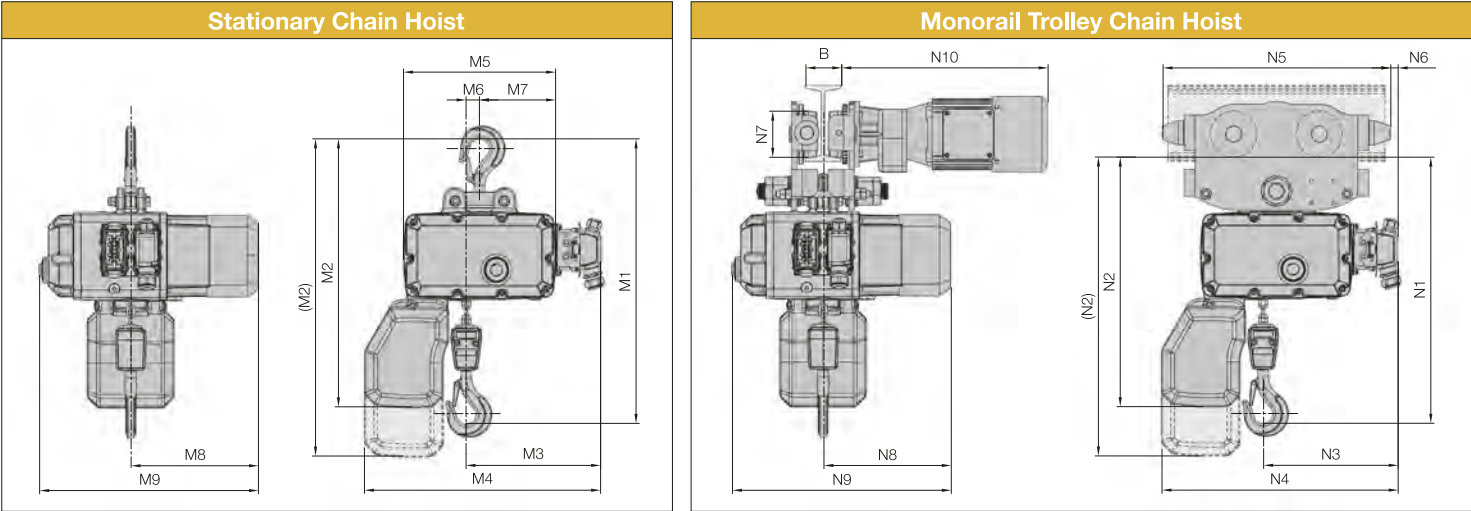


Specifications



Lifting capacity	kg	250	500	500	1000	1000	2000
Machine Type		GMD05	GMD05	GMD06	GMD06	GMD07	GMD07
Chain falls		1 / 1	2 / 1	1 / 1	2 / 1	1 / 1	2 / 1
Fem classification		1 AM	1 AM	1 AM	1 AM	1 AM	1 AM
Hoisting speed	m/min	2 / 8	1 / 4	2 / 8	1 / 4	2 / 8	1 / 4
Hoist motor power	kW	0,09 / 0,36	0,09 / 0,36	0,18 / 0,75	0,18 / 0,75	0,45 / 1,9	0,45 / 1,9
Trolley speed	m/min	4,4 / 20	4,4 / 20	4,4 / 20	4,4 / 20	4,4 / 20	4,4 / 20
Trolley motor power	kW	0,06 / 0,25	0,06 / 0,25	0,06 / 0,25	0,06 / 0,25	0,06 / 0,25	0,06 / 0,25
Dimensions of stationary chain hoist	mm						
M1		435	571	489	571	568	679
M2		483	523	504	523	600	621
(M2) *		583	623	604	623	750	771
M3		242	217	242	217	266	231
M4		425	425	425	425	502	502
M5		280	280	280	280	310	310
M6		25	0	25	0	24	0
M7		140	140	140	140	166	166
M8		165	165	165	165	196	196
M9		327	327	327	327	375	375
Dimensions of monorail trolley chain hoist	mm						
N1		412	507	445	507	527	617
N2		460	460	460	460	559	559
(N2) *		560	560	560	560	708	708
N3		242	217	242	217	266	231
N4		425	425	425	425	502	502
N5		420	420	420	420	420	420
N6		14	14	14	14	32	32
N7		85	85	85	85	85	85
N8		165	165	165	165	196	196
N9		327	327	327	327	375	375
N10		381	381	381	381	381	381

* The valid measurement, if the lifting height>10 m for 1 fall or the lifting height>5 m for 2 falls

TÜV SÜD

ISO 3834-2

TÜV SÜD

EN 1090-1

CRANE & MACHINE

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- Superior German technology
- Maximum safety
- Compact design
- Easy usage and maintenance
- Long lifetime
- Low running costs
- Fast delivery



c h a i n h o i s t s



Chain Guide
The upper chain guide is wear resistant plastic, the lower one steel.

Gearbox
3-stages, helical gearbox in flat design.
Therefore especially low noise.
All gear teeth are ground or milled and heat treated.

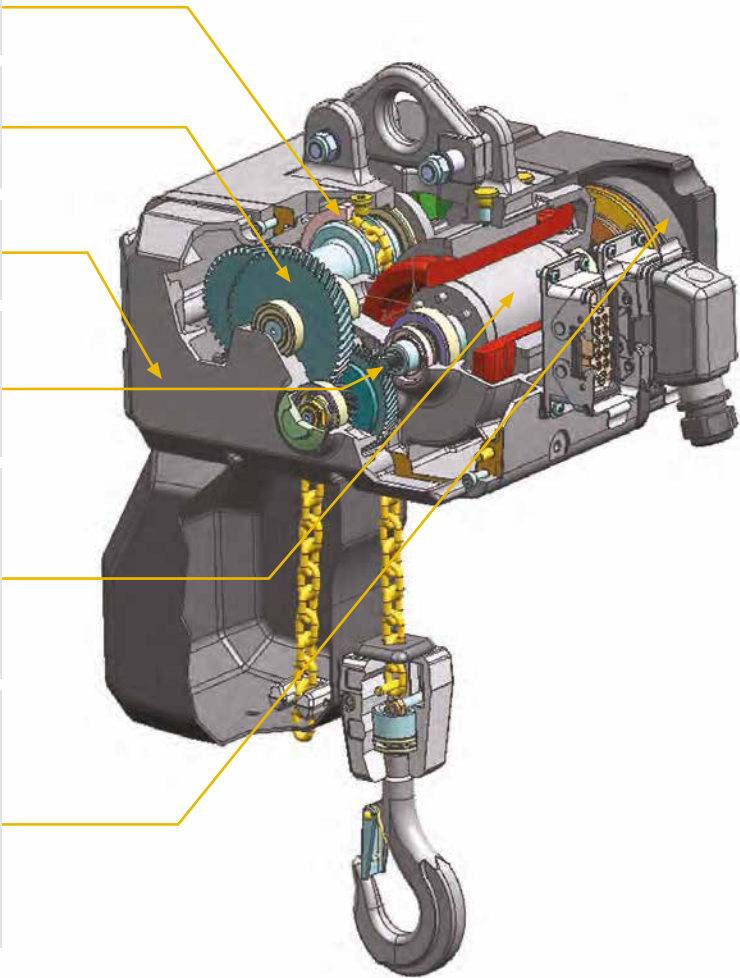
Housing
Low weight due to aluminum alloy.
Motor cover is shock-resistant plastic.

Safety Clutch
Operates in oil bath with minimal resistance force variations.
Set at factory at 1,3 to 1,4 times rated load.
Adjustment free for approximately 20,000 slip cycles at an average activation time of 1,5 sec.

Motor

Power	GMD05 0,09 / 0,36 kW GMD06 0,18 / 0,75 kW GMD07 0,45 / 1,90 kW
Winding	2-speed - 8/2 poles
Isolation Class	F
Protection	IP55

Brake
Corrosion resistant, electro-magnetical brake
Brake-Voltage: 85 / 95V DC (depending on power supply)
Operating Time: 100%
Number of Cycles until 1st Adjustment: 1,0 x 10⁶ full load cycles (50% lifting and 50% lowering)
Reaction Time for Brake Activation: < 80 ms after DC circuit switch
Stopping Distance: < 40 mm at high and low speeds



Chain Hoists

Precise Safety Clutch

Easily adjustable	• Minimizes installation time
Maximum wear resistance, operates in oil bath	• Minimal cost for maintenance and repair
Overload safety	• Extends life of gearbox and motor

Foolproof Electrical Connections

Quick disconnect plugs	• Easy connections during installation • Foolproof design • No electrical contractor needed
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Modular Hoist Suspension

Easy exchange of eye bolt or swivel top hook suspension	• Minimizes installation time
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Outstanding Flexibility

Easy switch from 1 to 2 falls operation	• Quick adaptation at installation site
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