

HC+ SERIES



ELECTRIC CHAIN HOIST

FEATURES

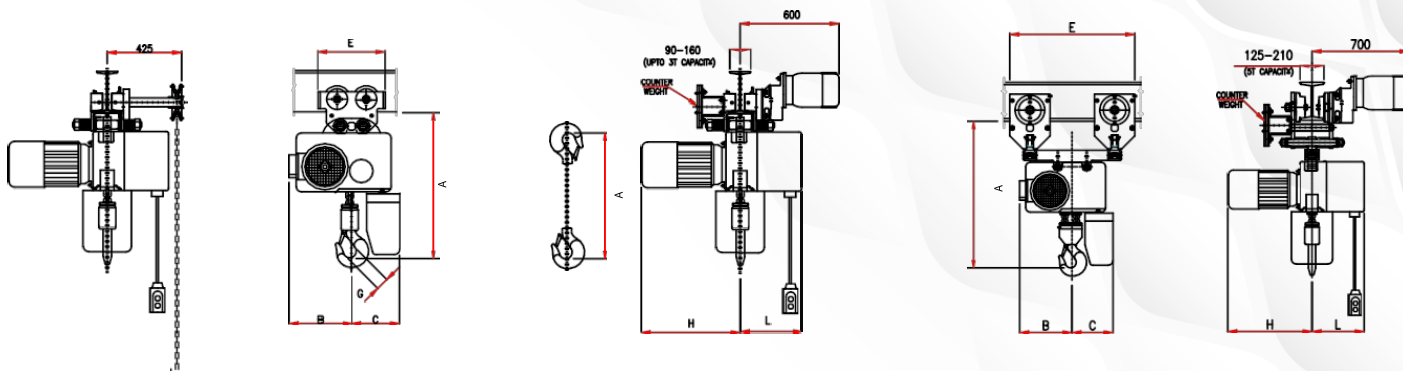
- Capacity of 0.25t to 5t
- Tested for Safe Working Load 25% overload condition
- Rugged Italian design
- Gravity dye cast gearbox body and case
- Hardened steel alloy gears, precision machine cut case, and load chain wheel
- Overload slipping clutch and geared rotary limit switch
- Upper and lower hook positions are easily adjustable
- Imported Grade 80 surface hardened load chain
- Robust brake motor with single or dual speeds

USPs

- Gearbox is housed in an aluminum alloy body and the internal gears are made of carburized hardened steel alloy and greased for low noise
- Four-stage gear cam limit switch as standard offering
- Equipped with a powerful AC brake with high braking torque for fail-safe operations
- Higher CDF and start-stops per hour
- Lower hook is grip-friendly and cylindrically shaped, with a thrust bearing
- Strong load chain with a surface hardened, blackodized, and corrosion-free surface

BENEFITS

- Improved performance and reduced dead weight
- Long life and smooth, low-noise operation
- Protection against overloading
- Suitable for varied applications
- Assured safety and reliability
- Aesthetically superior and rust-free
- Wear resistant for a longer chain life



MODEL	Capacity in kg.	FEM duty	ISO Duty	Lifting speed mpm			Chain Diameter in mm	No. of falls	Motor kw main/creep	Motor RPM	'A' Headroom	
				Single	Dual speed with Pole changing motor	Dual with VVFD					HOOK SUSP.	TROLLEY
HC2+ 025NH	250	2M	M5	8			6	ONE	0.55	1500	550	560
HC2+ 025DH					8/2.6	8/1.6		ONE	0.55/0.18	1500/500	550	560
HC2+ 050NL	500			4				ONE	0.55	1500	550	560
HC2+ 050DL					4/1.3	4/0.8		ONE	0.55/0.18	1500/500	550	560
HC3+ 050NH				8			ONE	0.9	1500	550	560	
HC3+ 050DH					8/2.6	8/1.6	ONE	0.85/0.3	1500/500	550	560	
HC3+ 100NL	1000	2M	M5	4			7	ONE	0.9	1500	550	560
HC3+ 100DL					4/1.3	4/0.8		ONE	0.85/0.3	1500/500	550	560
HC4+ 100NH				8				ONE	1.84	1500	600	625
HC4+ 100DH					8/2.6	8/1.6		ONE	1.7/0.6	1500/500	600	625
HC4+ 200NL	2000	2M	M5	4			10	ONE	1.84	1500	600	625
HC4+ 200DL					4/1.3	4/0.8		ONE	1.7/0.6	1500/500	600	625
HC4+ 200NH				8				ONE	3.5	1500	600	625
HC4+ 200DH					8/2.6	8/1.6		ONE	3.5/1.2	1500/500	600	625
HC4+ 250NL	2500	2M	M5	4				ONE	2.2	1500	600	625
HC4+ 250DL					4/1.3	4/0.8		ONE	2.5/0.8	1500/500	600	625
HC5+ 300NL	3000	2M	M5	4				TWO	3.5	1500	950	870
HC5+ 300DL					4/1.3	4/0.8		TWO	3.5/1.2	1500/500	950	870
HC6+ 500NL	5000	2M	M5	4				TWO	4.5	1500	1000	1100
HC6+ 500DL					4/1.3	4/0.8		TWO	4.5/1.5	1500/500	1000	1100

B	C	E	G	H (STD/VFD)	H (POLE CHANGING)	H (CGL)	L (STD)	L (VFD)	L (POLE CHANGING)	Wt.(kg) Hook susp. 3m lift			Wt.(kg) with ET 3m lift		
										STD/VFD	POLE CHANGING	CGL	STD/VFD	POLE CHANGING	CGL
200	200	280	32	380		360	270			40		40	75		75
		280	32	380	390			345	305	45	55		80	95	
		280	32	380		360	270			40		40	75		75
		280	32	380	390			345	305	40	55		80	95	
		280	32	415		380	270			55		50	90		85
		280	32	415	435			345	305	60	75		95	110	
		280	32	415		380	270			55		50	90		85
		280	32	415	435			345	305	60	75		95	110	
280	325	350	32	500		465	405			90		85	125		120
		350	32	500	515			480	405	100	115		140	155	
		350	38	500		465	405			90		85	135		130
		350	38	500	515			480	405	100	115		150	165	
		350	38	545		605	405			100		110	150		160
		350	38	545	595			480	405	100	115		150	165	
		350	38	545		605	405			90		100	150		160
		350	38	545	540			480	405	110	125		170	185	
		350	46	545		605	405			125		135	185		195
		350	46	545	595			480	405	160	175		200	215	
		800	53	590		605	405			170		180	250		260
		800	53	590	595			480	405	200	210		280	290	

NOTE : Specification/Dimensions (mm)

Data tolerance±10%

All dimensions are in mm Tolerance ±10%

*Key abbreviations used in models are :

H- High Hoisting speed(8 & above)

N- Single speed (Normal speed)

L- Low Hoisting speed (4 & below)

D- Dual speed **

*All Dimensions in mm. Data is subjected to change without prior notice.

**Standard chain collector upto 6.0m lift (2 Fall), 12m lift Single fall only.

** Dual speed Hoisting motion is through VVFD with speed Ratio 1:5 (as per electrical recommendation).

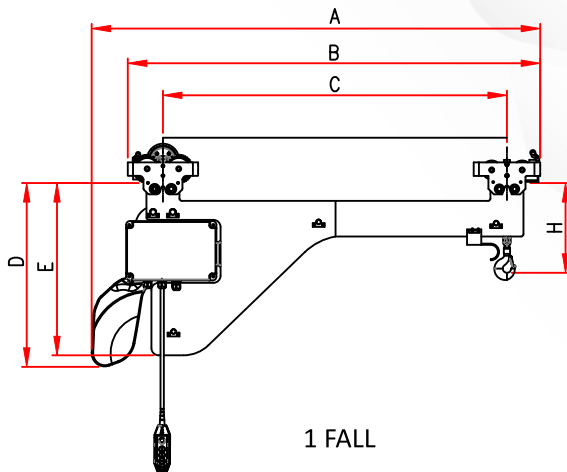
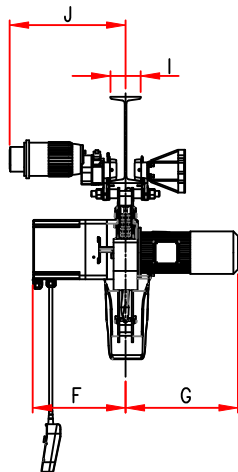


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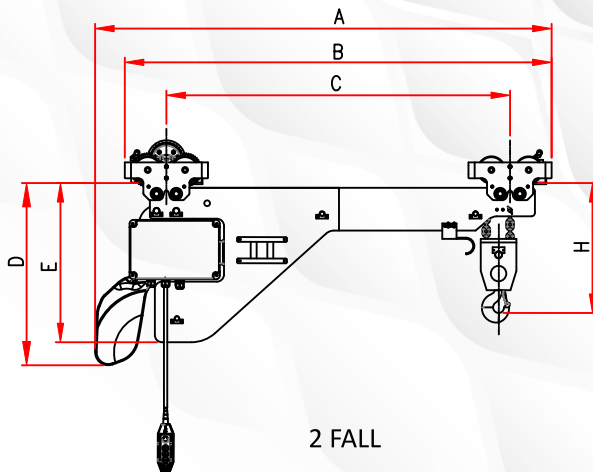
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ULTRA-SHORT HEAD ROOM



1 FALL



2 FALL

MODEL	Capacity in kg.	FEM duty	ISO duty	Lifting speed mpm			Chain Diameter in mm	No. of falls	Motor kw main/creep	Motor RPM	'H' Headroom			
				Single	Dual speed with Pole changing motor	Dual with VVFD								
HC2+ 025NH	250	2M	M5	8			6	ONE	0.55	1500	380			
HC2+ 025DH					8/2.6	8/1.6		ONE	0.55/0.18	1500/500				
HC2+ 050NL	500			4				ONE	0.55	1500				
HC2+ 050DL					4/1.3	4/0.8		ONE	0.55/0.18	1500/500				
HC3+ 050NH				8			ONE	0.9	1500					
HC3+ 050DH					8/2.6	8/1.6	ONE	0.85/0.3	1500/500					
HC3+ 100NL	1000	2M	M5	4			7	ONE	0.9	1500				
HC3+ 100DL					4/1.3	4/0.8		ONE	0.85/0.3	1500/500				
HC4+ 100NH				8				10	ONE	1.84		1500		
HC4+ 100DH					8/2.6	8/1.6			ONE	1.7/0.6		1500/500		
HC4+ 200NL				2000	2M	M5	4					ONE	1.84	1500
HC4+ 200DL									4/1.3	4/0.8		ONE	1.7/0.6	1500/500
HC4+ 200NH	8						ONE		3.5	1500				
HC4+ 200DH		8/2.6	8/1.6				ONE		3.5/1.2	1500/500				
HC4+ 250NL	2500	2M	M5	4			10		ONE	2.2	1500			
HC4+ 250DL					4/1.3	4/0.8			ONE	2.5/0.8	1500/500			
HC5+ 300NL	3000	2M	M5	4					TWO	3.5	1500			
HC5+ 300DL					4/1.3	4/0.8			TWO	3.5/1.2	1500/500			
HC6+ 500NL	5000	2M	M5	4					TWO	4.5	1500			
HC6+ 500DL					4/1.3	4/0.8			TWO	4.5/1.5	1500/500			

A	B	C	D	E	F (STD)	F (VFD)	F (POLE CHANGING)	G (STD/VFD)	G (POLE CHANGING)	G (CGL)	I	J (MAX)	Wt.(kg) with ET 3m lift		
													STD/VFD	POLE CHANGING	CGL
1805	1480	1200	865	815	270			380		360	R1 - 58-150 R2 - 150-210	490 520	75		
						345	305	380	390				80	95	
					270			380		360			75		75
						345	305	380	390				80	95	
					270			415		380			90		85
						345	305	415	435				95	110	
					270			415		380			90		85
						345	305	415	435				95	110	
					405			500		465			125		120
						480	405	500	515				140	155	
					405			500		465			135		130
						480	405	500	515				150	165	
1845	1550		845	740	405			545	595	605	R1 - 90-160 R2 - 160-220	495 525	150	165	
						480	405	545	540				150		160
					405			545		605			170	185	
						480	405	545					185		195
					405			545	595				200	215	
						480	405	590		605			250		260
					405			590	595				280	290	
						480	405	590							

DATA tolerance ± 10%

NOTE : Specification/Dimensions (mm)

All dimensions are in mm Tolerance ±10%

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