

KITO**KITO
ROPE HOIST****RY**

**Further advances the technology
and know-how fostered by KITO
in electric chain hoists**

Improves work efficiency by using
a soft start/stop function incorporating
inverters as standard equipment
(for lifting/lowering and traversing)

Realizes a high level of safety
using a high performance motor brake,
electronic overload limiter, and
electronic thermal motor protection

Enables operation and maintenance
corresponding to the actual work
done by utilizing a low-load
high-speed function and CH meter function

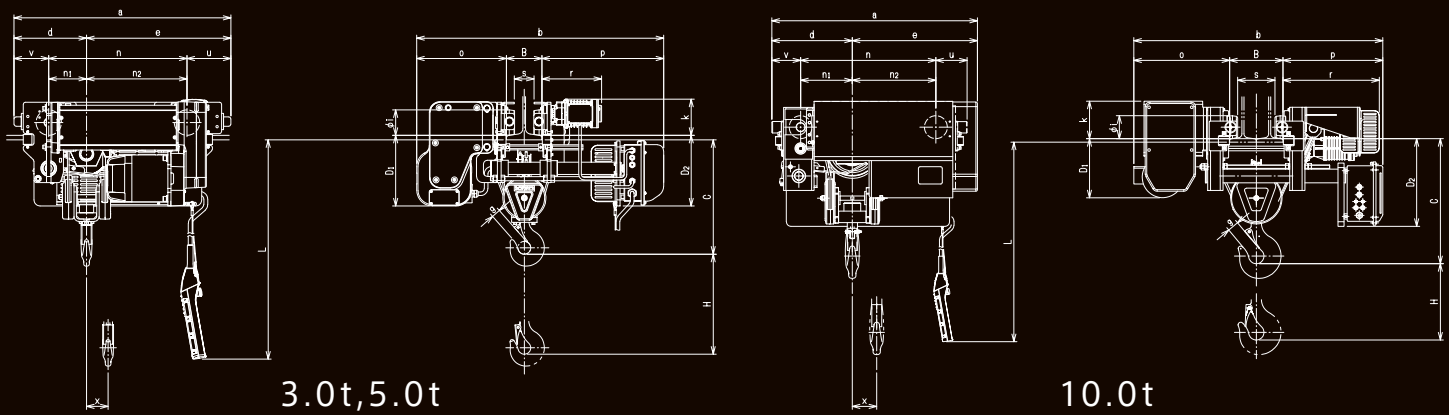
WIRE ROPE HOIST

Capacity (t)	Code	Lift (m)	Flange width (mm)	Inverter for lifting			Inverter for traversing		Wire rope			ISO ^{*1}	Weight ^{*2}			
				Motor output (kW)	Speed when loaded: High speed to low speed m/s (m/min)	Speed during low loading m/s (m/min)	Motor output (kW)	Speed m/s (m/min)	Rope diameter (mm)	Number of falls	Reeving		Main unit (kg)	Hook (kg)		
3.0	RYLA030ISIS06	6	125 to 175 176 to 350 351 to 500	3.5	0.083 to 0.014 (5.0 to 0.833)	0.125 (7.5)	0.25	0.333 to 0.056 (20 to 3.333)	φ8	4/1	6 x FI(29) B type JIS G 3546 1770N/mm ²	M5	375	30		
	RYLA030IHIS06			5.0	0.133 to 0.022 (8.0 to 1.333)	0.200 (12.0)							405			
	RYLA030ISIS09	9		3.5	0.083 to 0.014 (5.0 to 0.833)	0.125 (7.5)							440			
	RYLA030IHIS09			5.0	0.133 to 0.022 (8.0 to 1.333)	0.200 (12.0)							480			
	RYLA030ISIS12	12		3.5	0.083 to 0.014 (5.0 to 0.833)	0.125 (7.5)							0.4		6 x P/WS(26) Compliant with JIS G 3546 2160N/mm ²	425
	RYLA030IHIS12			5.0	0.133 to 0.022 (8.0 to 1.333)	0.200 (12.0)										445
5.0	RYLB050ISIS09	9	5.0	0.083 to 0.014 (5.0 to 0.833)	0.125 (7.5)	0.4	6 x P/WS(26) Compliant with JIS G 3546 2160N/mm ²	460								
	RYLB050IHIS09		8.0	0.133 to 0.022 (8.0 to 1.333)	0.200 (12.0)			480								
	RYLB050ISIS12	12	5.0	0.083 to 0.014 (5.0 to 0.833)	0.125 (7.5)			φ13	IWRC 6 x P/WS (31) Compliant with JIS G 3546 2160N/mm ²	1010						
	RYLB050IHIS12		8.0	0.133 to 0.022 (8.0 to 1.333)	0.200 (12.0)					1090						
10.0	RYLC100ISIS09	9	150 to 350 351 to 500	13.2	0.100 to 0.017 (6.0 to 1.0)	0.150 (9.0)	0.75			M5	90					
	RYLC100ISIS12	12														

*1 ISO: This classification refers to ISO 4301-1 and applies to the mechanical components including gears and bearings except for consumable parts.

*2 Weight: The weight of the main unit includes the weight of the hook. 3t/5t: This will be +5kg when the flange width is between 176 and 350, and +10kg when the flange width is between 351 and 500. 10t: This will be +10kg when the flange width is between 351 and 500.

Capacity (t)	Code	Standard lift (m)	Flange width (mm)		Dimension (mm)																																																				
			H	B	C	D1	D2	L	a	b	d	e	g	i	k	n	n1	n2	o	p	r	s	u	v	x																																
3.0	RYLA030ISIS06 RYLA030IHIS06	6	125 to 175	635	348	348	5700	1067	1215	1390	1540	710	43	178	892	706	494	649 to 599	773 to 599	748 to 599	293	649 to 599	773 to 599	748 to 599	106																																
			176 to 350																							1215	1390	1540	680	649 to 599	773 to 599	748 to 599																									
	351 to 500		8700																														1279	1390	1540	922	43	178	892	706	649 to 599	773 to 599	748 to 599														
	RYLA030ISIS09 RYLA030IHIS09	9																								125 to 175	650	348	348	8700	1279	1215												1390	1540	1134	45	186	1104	186	918	441	649 to 599	773 to 599	748 to 599	B-80	216
	176 to 350		1215																							1390							1540	892	706	649 to 599	773 to 599	748 to 599																			
	351 to 500																																						11700	1491	1390	1540	1134														
RYLA030ISIS12 RYLA030IHIS12	12	125 to 175	650	348	348	11700	1491	1215	1390	1540	1134	45	186	1104	186	918	441	649 to 599	773 to 599	748 to 599	B-80	216	171	213																																	
176 to 350		1215																							1390	1540							892	706	649 to 599	773 to 599	748 to 599																				
351 to 500																																						8700	1279	1390	1540	922	43														
RYLB050ISIS09 RYLB050IHIS09	9	125 to 175																							650	348	348	8700	1279	1215	1390	1540	1134	45	186	1104	186							918	441	649 to 599	773 to 599	748 to 599	B-80	216	171	213					
176 to 350		1215																																				1390	1540	892	706	649 to 599	773 to 599										748 to 599				
351 to 500																																																						11700	1491	1390	1540
RYLB050ISIS12 RYLB050IHIS12	12	125 to 175	650	348	348	11700	1491	1215	1390	1540	1134	45	186	1104	186	918	441	649 to 599	773 to 599	748 to 599	B-80	216	171	213																																	
176 to 350		1215																																				1390	1540	892	706	649 to 599	773 to 599										748 to 599				
351 to 500																																																						8700	1279	1390	1540
RYLC100ISIS09	9	150 to 350																							820	388	575	8700	1348	1633	1784	528	820	72	φ150	256	887	339	548	628	855 to 655	804 to 655	631	B-105	205	189	160										
351 to 500		1633																																														1784	1035	72	φ150	256	1102	339	763	855 to 655	804 to 655
RYLC100ISIS12																																																									
351 to 500	1633	1784																																																							



Standard Specification

Power supply : 3-Phase 200-230V 50/60Hz
3-Phase 380-440V 50/60Hz

Control voltage : 3t/5t: DC 24V
10t: AC 24V

Intermittent ratings : Lifting: 60%ED (high speed: 40%, low speed: 20%) 360 starts/hr
Traversing: 30%ED (high speed: 20%, low speed: 10%)

Protection construction : IP44 (IP65 for push button switches)

Ambient temperature : -20°C to +40°C, 90%RH or less

Color : KITO Yellow (equivalent to Munsell 7.2YR6.5/14.5),
KITO Metallic Gray

Distributor