

SHER2M Ultra Low Headroom



KITO Ultra Low Headroom electric chain hoist is uniquely designed to have a shorter headroom than that of standard ER2 configurations. This product is the most suitable for installation which requires a low ceiling of buildings or maximizes effective lift. The trolleys are available as option. For special requirements such as rated capacity over 10t, dual speed or curve beam, consult with the nearest KITO dealer.

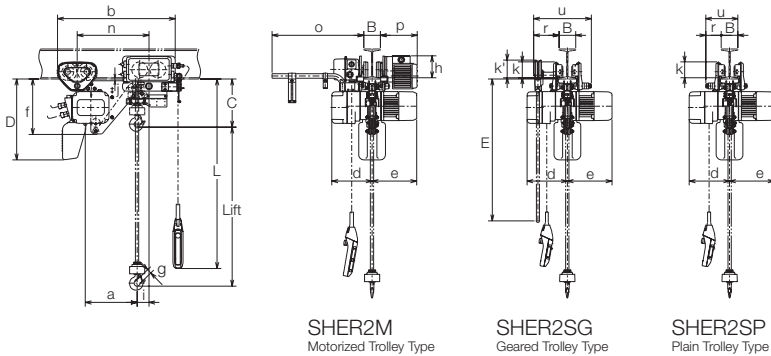
Headroom Comparison

Capacity (t)	Code	Headroom C (mm)		
		Ultra Low Headroom	Standard ER2M	Difference
250kg	003S	265	375	-110
500kg	005L	285	395	-110
	005S			
1	010L	345	435	-90
	010S			
1.5	015S	435	505	-70
2	020L	475	570	-135
	020S		585	-110
3	030S	610	765	-155
5	050S	670	900	-230

Load Factor & Number of Starts for replacement

Load chain periodical replacement is recommended for breakage prevention

Load Factor	100%	75%	50%	25%
Number of Starts	20,000	60,000	200,000	400,000



SHER2M
Motorized Trolley Type

SHER2SG
Geared Trolley Type

SHER2SP
Plain Trolley Type

Specifications

Capacity (t)	Product Code	Hoist Body	ER2							Trolley				Test Load (t)	Net Weight (kg)			
			Standard Lift (m)	Push Button Cord L (m)	Lifting Motor		Lifting Speed (m/min)		Load Chain Diameter (mm) x Chain Falls	Traversing Motor		Traversing Speed (m/min)	Flange Width B (mm)		Motorized Trolley	Geared Trolley	Plain Trolley	
					Output (kW)	Rating (%ED)	50Hz	60Hz		Output (kW)	Rating (%ED)							50Hz
250kg	SHER2M003S	B			0.56		9.2	11.0	4.3 x 1					313kg	78	61	56	
500kg	SHER2M005L	C			0.9	60	3.8	4.6	6 x 1					75 to 125	625kg	84	67	62
	SHER2M005S						7.3	8.8										
1	SHER2M010L	D	3	2.5	0.9	60	3.5	4.2	7.7 x 1	0.4	40	20	24	100 to 125	1.25	104	87	82
	SHER2M010S						7.1	8.5										
1.5	SHER2M015S	E			1.8		4.8	5.8	10.2 x 1					1.88	158	139	134	
2	SHER2M020L	F					3.7	4.4										125 to 150
	SHER2M020S						5.7	6.8	11.2 x 1									
3	SHER2M030S	E		2.8	3.5		3.5	4.2	10.2 x 2					3.75	241	222	217	
5	SHER2M050S	F					2.9	3.5	11.2 x 2	0.75				6.25	322	307	300	

Note: The bracketed figures in Traversing Speed are low speed. This product is designed for straight beams. Specify a beam width at the time of quotation or order. The following information will be provided upon your request: 1) availability of curve beams 2) availability of a flange width exceeding the maximum.

Dimensions (mm)

Capacity (t)	Product Code	Headroom C	D	E	a	b	d	e	f	g	h	i	j	k	k'	n	o	p	r	u		
250kg	SHER2M003S	265	430		260	656(616)	219	259	325			68				380						
500kg	SHER2M005L	285	525		310	706(666)	242	271	370			27		70	18	95	107	430	515	220	152(56)	345(249)
	SHER2M005S							268														
1	SHER2M010L	345	550	3700	339	734(694)	291	298	405	31		77				458						
	SHER2M010S							307														
1.5	SHER2M015S	435	640		389	826(803)	308	338	487	34						523						
2	SHER2M020L																					
	SHER2M020S	475	840		423	846(823)	337	399	527	39						543						
3	SHER2M030S	610	830		435	892(884)	347	356	487	44	131	45	24	134	115	560	521	226	157(79)	398(320)		
5	SHER2M050S	670	860	4200	475	1057(1057)	337	399	542	47	145	66	31	144	131	657	528	281	156(53)	401(297)		

Note: The bracketed figures in Size "b" are for geared or plain trolley. The bracketed figures in Size "r" or "u" are for plain trolley. Size "D" is for a lift of 4m. This information which varies depending on the lift is provided upon your request.