

Purpose

To define the Load Limiter Kits for ER hoists.

Background

Some times a customer wants to have the hoist limit the hoist to only be capable of lifting loads equal to or less than the rated capacity. The load limiter kit for ER hoist allows this to be done. Otherwise the hoist could lift loads greater than the rated capacity of the hoist.

Load Limiter Kit

The part numbers for kits, headroom increase and weight addition are per Table 1 below.

Single Speed Hoists				
Hoist Product Code	Harrington Part Number	Kito Code Number	Headroom Increase (inches)	Weight Adder (lbs)
ER001H, ERP001H, ERG001H	OLLPF001H101	OLL-PF001H101	1.61	19
ERM001H-L/S/D	OLLPT001H101	OLL-PT001H101	0.59	20
ER003S, ERP003S, ERG003S	OLLPF003S101	OLL-PF003S101	1.61	19
ERM003S-L/S/D	OLLPT003S101	OLL-PT003S101	0.59	20
ER003H, ERP003H, ERG003H	OLLPF003H101	OLL-PF003H101	1.61	19
ERM003H-L/S/D	OLLPT003H101	OLL-PT003H101	0.59	20
ER005L, ERP005L, ERG005L	OLLPF005L101	OLL-PF005L101	1.61	19
ERM005L-L/S/D	OLLPT005L101	OLL-PT005L101	0.59	20
ER005S, ERP005S, ERG005S	OLLPF005S101	OLL-PF005S101	1.61	19
ERM005S-L/S/D	OLLPT005S101	OLL-PT005S101	0.59	20
Single Speed Hoists				

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Hoist Product Code	Harrington Part Number	Kito Code Number	Headroom Increase (inches)	Weight Adder (lbs)
ER010L, ERP010L, ERG010L	OLLPF010L101	OLL-PF010L101	1.61	19
ERM010L-L/S/D	OLLPT010L101	OLL-PT010L101	0.59	20
ER010M, ERP010M, ERG010M	OLLPF010M101	OLL- PF010M101	1.61	19
ERM010M-L/S/D	OLLPT010M101	OLL- PT010M101	0.59	20
ER010S, ERP010S, ERG010S	OLLPF010S101	OLL-PF010S101	1.44	19
ERM010S-L/S/D	OLLPT010S101	OLL-PT010S101	0.59	
ER015S, ERP015S, ERG015S	OLLPF015S101	OLL-PF015S101	1.44	21
ERM015S-L/S/D	OLLPT015S101	OLL-PT015S101	1.57	24
ER020L, ERP020L, ERG020L	OLLPF020L101	OLL-PF020L101	1.44	21
ERM020L-L/S/D	OLLPT020L101	OLL-PT020L101	1.57	24
ER020M, ERP020M, ERG010M	OLLPF020M101	OLL- PF020M101	1.44	21
ERM020M-L/S/D	OLLPT020M101	OLL- PT020M101	1.57	24
ER020S, ERP020S, ERG020S	OLLPF020S101	OLL-PF020S101	0.83	22
ERM020S-L/S/D	OLLPT020S101	OLL-PT020S101	1.50	24
ER025S, ERP025S, ERG025S	OLLPF025S101	OLL-PF025S101	0.83	22
ERM025S-L/S/D	OLLPT025S101	OLL-PT025S101	1.50	24
Single Speed Hoists				
Hoist Product	Harrington Part	Kito Code	Headroom	Weight

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Code	Number	Number	Increase (inches)	Adder (lbs)
ER030L, ERP030L, ERG030L	OLLPF030L101	OLL-PF030L101	0.83	22
ERM030L-L/S/D	OLLPT030L101	OLL-PT030L101	1.50	24
ER030C, ERP030C, ERG030C	OLLPF030C101	OLL-PF030C101	2.56	10
ERM030C-L/S/D	OLLPT030C101	OLL-PT030C101	2.56	10
ER030S, ERP030S, ERG030S	OLLPF030S101	OLL-PF030S101	0.83	22
ERM030S-L/S/D	OLLPT030S101	OLL-PT030S101	1.50	24
ER050L, ERP050L, ERG050L, ERM050L	OLLP050L101	OLL-P050L101	0.00	10

Table 1

Dual speed hoists will use the same Load Limiter Kit as single speed plus quantity of one spacer as per Table 2.

Dual Speed Hoists		
Hoist Product Code	Harrington Part Number	Kito Code Number
ER001HD, ER003SD, ER003HD, ER005LD, ER005SD, ER010LD, ER010MD, ER010SD, ER015SD, ER020LD, ER030CD	YL1BB1511	YL1BB15111
ER020SD, ER025SD, ER030LD, ER030SD, ER050LD	YL1EB1511	YL1EB15111

Table 2

Application Notes – ER With Load Limiter On MR Riding On Patented Track

Must use load limiter kit normally used on Push or Geared trolleys and appropriate suspender kit from EDOC0049 that uses connection yoke for MR trolleys.

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References

EDOC0049