

ELECTRIC WIRE ROPE HOISTS**GLOBAL KING & WORLD SERIES HOIST & TROLLEY****STANDARD FEATURES**

Feature	Monorail			
	A	B	C	D
2 Part Reeved Capacity	1 metric ton	2-1/2 metric tons	3-3/4 & 5 metric tons	7-1/2 metric tons
4 Part Reeved Capacity	2 & 3 metric tons	5 metric tons	7-1/2 & 10 metric tons	15 metric tons
2 Part Reeving	2 parts single 6.4 mm	2 parts single 9mm	2 parts single 12mm	2 parts single 15mm
4 Part Reeving	4 parts single 6.4 mm	4 parts single 9mm	4 parts single 12mm	4 parts single 15mm
Service Class	FEM 3m for 1 & 2 metric tons FEM 2m for 3 metric tons Similar to ASME H-4 duty	FEM 2m Similar to ASME H-4 duty	FEM 3m for 3-3/4 & 7-1/2 metric tons FEM 2m for 5 & 10 metric tons Similar to ASME H-4 duty	FEM 2m Similar to ASME H-4 duty
Rope Guide	Standard			
Hook Assembly	360° rotation with safety latch	360° rotation trunnion mounted with safety latch		
Hoist Gearing	Helical in oil bath			
Hoist Motor (TEFC) IP54	Two speed squirrel cage, 4:1 ratio with class F insulation built to FEM S3 duty class			
Hoist Motor Brake	DC Disc			
Hoist Control	Magenetic Contactor - 2-speed control			
Hoist Limit Switch	NEMA 4 - Upper/lower control circuit			
Phase Loss Detection/Protection	Standard			
Line Fusing	Standard			
Motor Thermal Protection	Motor Temperature Actuated Switch and Bi Metallic Overload Relay are standard			
Hoist Monitor	Standard			
Overcapacity Lift Limit Switch	Standard NEMA 4/12			
Trolley Gearing	Worm			
Trolley Motor (TENV)	Two speed squirrel cage, 3:1 ratio, 30-mnute duty, class F insulation			
Trolley Brake	Optional			
Trolley Control	Magenetic Contactor - 2-speed control			
Wheels	3 ¾" compound tread 220 BHN	4" compound tread 220 BHN	6" compound tread 220 BHN	7" compound tread 220 BHN
Bumpers	Optional			
Bearings	Anti-friction throughout			
Control Enclosure	NEMA 4/12			

ELECTRIC TOP RUNNING & DECK MOUNT**WORLD SERIES GLOBAL KING****HOIST & TROLLEY STANDARD FEATURES**

Feature	Top-Running			
	5 metric tons	7-1/2 & 10 metric tons	15 metric tons	20 metric tons (20 US tons)
Capacity				
Service Class	FEM 2m Similar to ASME H-4 duty	FEM 3m for 7½ FEM 2m for 10 Similar to ASME H-4 - H4+ duty	FEM 2m Similar to ASME H-4 duty	FEM 2m Similar to ASME H-4 duty
Reeved	4 parts single 9mm	4 parts single 12mm	4 parts single 15mm	6 parts single 9/16
Rope Guide	Standard			
Hook Assembly	360° degree rotation trunnion mounted with safety latch			360° degree rotation fixed mounting with safety latch
Hoist Gearing	Helical in oil bath			
Hoist Motor (TEFC, IP54)	Two speed squirrel cage, 4:1 ratio with class F Insulation and TAS built for FEM S3 duty class			
Hoist Motor Brake	DC Disc			
Hoist Control	Magnetic Contactor - 2-speed control standard			
Hoist Limit Switch	NEMA 4 Upper/lower control circuit			
Phase Loss Detection/ Protection	Standard			
Line Fusing	Standard			
Motor Thermal Protection	Motor Temperature Actuated Switch and Bi Metallic Overload Relay are standard			
Hoist Monitor	Standard			
Overcapacity Lift Limit Switch	Standard NEMA 4/12			
Trolley Gearing	*Worm		*Helical	
Trolley Motor	*Single speed VFC with TAS, 30 minute duty, Class F insulation		*Single speed VFC with TAS, S3, 24 minute duty, Class F insulation	
Trolley Brake	*Optional		Standard 50% Torque AC Disc	
Trolley Control	2 step variable frequency control standard			
Wheels	*8" double flanged Ductile Iron @187 - 255 BHN		*ø160mm double flanged flat tread steel @ 300 - 350 BHN	*ø200mm double flanged flat tread steel @ 300 - 350 BHN
Bumpers	*Standard			
Bearings	Anti-friction throughout			
Control Enclosure	NEMA 4/12			

*Not applicable for Deck-Mounted versions.