

ELECTRIC WIRE ROPE**Y80 – 800 SERIES****ELECTRIC HOISTS WITH MOTOR DRIVEN TROLLEYS**

Feature	Standard Features				
	1/2 Ton	1 Ton	2 Ton	3 Ton	5 Ton
Service Class	H-4	H-4	H-4	H-4	H-4
Reeving - Single	2 PS - 1/4"	2 PS - 1/4"	2 PS - 5/16"	4 PS - 5/16"	6 PS - 5/16"
Reeving - Double	4 PD - 3/16"	4 PD - 3/16"	4 PD - 1/4"	–	–
Hoist Gearing	Triple reduction Helical/Spur	Triple reduction Helical/Spur	Triple reduction Helical/Spur	Triple reduction Helical/Spur	Triple reduction Helical/Spur
Hook Assembly	Bearing Thrust Washer 360 degree rotate	Bearing Thrust Washer 360 degree rotate	Bearing Thrust Washer 360 degree rotate	Bearing-mounted 360 degree rotate	Bearing-mounted 360 degree rotate
Hoist Motor	30-minute rated TENV	30-minute rated TENV	30-minute rated TENV	30-minute rated TENV	30-minute rated TENV
Hoist Motor Brake (AC)	150% nominal torque, disc	150% nominal torque, disc	150% nominal torque, disc	150% nominal torque, disc	150% nominal torque, disc
Load Brake	Weston type Roller Ratchet	Weston type Roller Ratchet	Weston type Roller Ratchet	Weston type Roller Ratchet	Weston type Roller Ratchet
Hoist Control	1-speed	1-speed	1-speed	1-speed	1-speed
Control Circuit voltage	115 Volts	115 Volts	115 Volts	115 Volts	115 Volts
Hoist Limit Switch	Upper block control circuit	Upper block control circuit	Upper block control circuit	Upper block control circuit	Upper block control circuit
Rope Drum Diameter	7-1/2"	7-1/2"	7-1/2"	7-1/2"	7-1/2"
Rope Drum Material	Cast Iron	Cast Iron	Cast Iron	Cast Iron	Cast Iron
Sheave Diameter	5"	5"	6" - Single Reeved 5" - Double Reeved	6"	6"
Sheave Material	Steel	Steel	Steel	Steel	Steel
Trolley Gearing	Worm	Worm	Worm	Worm	Worm
Trolley Motor	30-minute rated TENV	30-minute rated TENV	30-minute rated TENV	30-minute rated TENV	30-minute rated TENV
Trolley Brake	Optional AC Disc	Optional AC Disc	Optional AC Disc	Optional AC Disc	Optional AC Disc
Trolley Control	1-speed	1-speed	1-speed	1-speed	1-speed
Wheels - Steel STD. 220 - 250 BHN	4"	4"	4"	4" for 45' lift 6-1/2" for 30' lift	6-1/2"
Bumpers	Optional Rubber	Optional Rubber	Optional Rubber	Optional Rubber	Optional Rubber
Bearings	Anti-friction	Anti-friction	Anti-friction	Anti-friction	Anti-friction
Motor TAS	Standard	Standard	Standard	Standard	Standard
Control Enclosure	NEMA 1	NEMA 1	NEMA 1	NEMA 1	NEMA 1

SPECIAL INFORMATION

Y80/800 SERIES & 700 SERIES KIT NUMBERING SYSTEM

EXAMPLE:

80M02-020S14-1

<u>8</u>	<u>0</u>	<u>M</u>	<u>02</u>	-	<u>020</u>	<u>S</u>	<u>14</u>	-	<u>1</u>
A	B	C	D		E	F	G		H

A = PRODUCT CATEGORY
(Series 800)

B = FRAME SIZE
(800 Series)

C = TYPE MOUNTING
(Motor Driven Trolley)

D = CAPACITY
(2 Ton)

E = Lift
(20 ft.)

F = Reeving
(Single)

G = Hoist Speed
(14 F.P.M.)

H = Hoist Control
(Single Speed)



To Avoid Injury:

- Do not exceed working load limit, load rating, or capacity.
- Do not use to lift people or loads over people.
- Read and follow all instructions.