



## Double Brake System

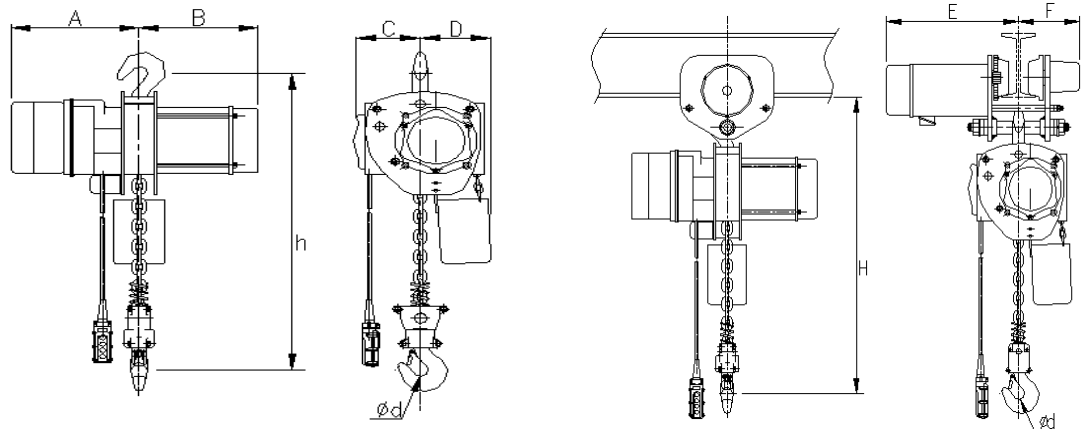
- ✓ **Mechanical safety brake**
- ✓ **Electromagnetic power off safe brake**

- ◆ 2~7.5 Ton Rated Capacity
- ◆ Test load > 125% Capacity
- ◆ Dual brake system = Mechanical load brake + Fail-safe DC brake.
- ◆ Torque of each brake > 125% rated torque of motor.
- ◆ Motors are available with various voltages.
- ◆ Helical Gearing used where practical to provide quiet operation.
- ◆ Chain sprocket is heat-treated and ground to a high tolerance ensures smooth lifting.
- ◆ Lower Hook is heat-treated and equipped with safety latch and 360 degree swiveling.
- ◆ Push button is rain-proof plastic for severe impact and corrosive atmosphere resistance and mechanically interlocked.



**Mechanical brake braking force > 150% rated transmission torque**

# CV Powerful Single Speed Type



Type	Hoist Only	2CV	3CV	5CV	7.5CV
	Hoist + Trolley	2CV-MT	3CV-MT	5CV-MT	7.5CV-MT
Rated Capacity (Ton)		2	3	5	7.5
Hoist Speed (M/min)	50Hz	6.7	5.6	2.8	1.8
	60Hz	8	6.7	3.3	2.2
Hoist Motor (Kw)	50Hz	2.5			
	60Hz	3.75			
Trolley Speed (M/min)	50Hz	15	15	15	10
	60Hz	18	18	18	12
Chain Dia X No. Of Falls		Φ10 X 1	Φ10 X 1	Φ10 X 2	Φ10 X 3
Min. Rad. Curvature (m)		1.5		1.8	2.5
I Beam (mm)		100~150		125~175	
Approx. Dimensions (mm)	A	320			
	B	350			
	C	180	180	180	320
	D	200	200	245	300
	h	620	700	820	1000
	Ød	45	58	60	100
	H	690	780	900	1070
	E	325	330	350	-
	F	225	227	238	-
N.W. (Kg)	Hoist	80 (87)	84 (91)	117 (130)	140 (160)
	Hoist + Trolley	112 (119)	124 (131)	180 (193)	210 (230)

★ NOTE: (H) IN QUOTES MEANS LIFT MEASURE.