

Technical Details Required for EOT Crane

3.12	C.T.Rail Size	ISA 50X50 with bottom flange Plate 10 mm
	L.T.Rail Size	40 X 40 Sq. Bar
	C.T.Rail Guage (Centre to centre distace between th two rails)	9500 mm
	Distance between buffer to buffer	16000 mm
3.13	L.T.Wheel Base	2400 mm
3.14	End Approach for (L.T.Motion)	
	Platform Side (Short Platform)	
	Other side	
3.15	Current Collection System (DSL-Down Shop lead)	√
3.16	Size of the Angle	ISA 40 X 40X 3
3.17	Material of Construction	M.S
3.18	No. of shoes	4
3.19	Type of Limit Switches	
	Hoist	Rollers type
	CT	Rollers type
	LT	D-Way Rollers Type

4 Material of Construction

Hook	Forged Steel
Trolley Structure	M.S
Wheels (C.T. & L.T.)	EN 8 & EN 9
Rope Drum	M.S.Seamless Pipe
Brake Drum	S.G.Form
Gear and Pinion	Alloy steel
Girder	Mild steel IS 2062
Gear Box Casing	Casting
Wire Rope	Steel Wire

5 Power Consumption(Approx)

Main Hoist
Auxiliary Hoist
Cross Travel
Long Travel
Motor rating
Main Hoist
Auxiliary Hoist
Cross Travel
Long Travel

6 Gear Box Details

	Main Hoist	Auxiliary Hoist	Cross Travel	Long Travel
Gear Box Ratio				
No. Of stages of Gear Box				
Type of Gear Box				

7 Type of Lubrication