



- NOTES:-
- 1) ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
 - 2) POWER SUPPLY 415V AC±10% 3PH 50HZ.
 - 3) ALL ELECTRICAL EQUIPMENT SUITABLE FOR 45°AMB TEMP.
 - 4) CRANE IS: 3177-1999 & IS-807.
 - 5) OVER ALL DIMENSIONS ±50MM
 - 6) WHEEL BASE & CRANE SPAN ±6MM
 - 7) PAINTING:- TWO COATS OF RED OXIDE PRIMER & TWO COATS OF SYNTHETIC ENAMEL PAINT TO BE APPLIED. GOLDEN YELLOW.

TECHNICAL SPECIFICATION				
1	SPECIFICATION	IS: 3177-1999		
2	DUTY CLASS	M5, INDOOR		
3	TYPE OF CRANE	DOUBLE GIRDER BOX TYPE E.O.T. CRANE		
4	AMBIENT TEMP.	45 DEGREE		
5	DEFLECTION	Span/750		
6	CAPACITY	20/5 TON		
7	SPAN	20 METRS		
8	HEIGHT OF LIFT	10 METRS		
9	VVVF DRIVE	M.H.-VVVF Drive	A.H.-VVVF Drive	C.T.-VVVF Drive
10	FALLS	M.H.-8/2		A.H.-4/1
11	HOISTING SPEED	M.H.-2.5 MPM		A.H.-3.5 MPM
12	CROSS TRAVEL SPEED	C.T.-15 MPM		
13	LONG TRAVEL SPEED	L.T.-20 MPM		
14	HOIST MOTOR	M.H.-11 KW		A.H.-3.7 KW
15	C.T. MOTOR	C.T.-0.55 KW X 2 NOS.		
16	L.T. MOTOR	L.T.-1.1 KW X 2 NOS.		
17	HOIST BRAKE	M.H.-AC Disc X 1 NOS.		A.H.-AC Disc X 1 NOS.
18	C.T. BRAKE	C.T.-AC Disc X 2 NOS.		
19	L.T. BRAKE	L.T.-AC Disc X 2 NOS.		
20	HOISTING LIMIT SWITCH	ROTARY +GRAVITY TYPE, QTY. 1+1 NOS.		
21	C.T. LIMIT SWITCH	TWO WAY LEVER TYPE, QTY. 1 NOS.		
22	L.T. LIMIT SWITCH	TWO WAY LEVER TYPE, QTY. 1 NOS.		
23	MAIN HOIST WIRE ROPE	Ø16MM, 6X36, SMC, 1960 N/MM2, USHA MARTIN MAKE		
24	AUX. HOIST WIRE ROPE	Ø12MM, 6X36, SMC, 1960 N/MM2, USHA MARTIN MAKE		
25	CRANE OPERATION	Pendent Push Button		
26	HOOK	"C" SHANK HOOK AS PER IS: 15560		
27	C.T. WHEEL	Ø 200 X 4 NOS. MATERIAL EN-9, (HARDNESS 250 TO 300 BHN)		
28	L.T. WHEEL	Ø 320 X 4 NOS. MATERIAL EN-9, (HARDNESS 250 TO 300 BHN)		
29	BUFFER FOR L.T.	RUBBER BUFFER		
30	RECOMMENDE mm	50mm Sq bar		
31	BAY LENGTH	50 METRS.		
32	LT POWER SUPPLY	SHROUDED BUS BAR SYSTEM		
33	POWER/CONTROL VOLTAGE	415V±10%, 3 PH, 50 HZ, ± 5% / 110V, 1PH, 50 HZ		
34	CRANE WEIGHT(TOTAL)	18.68(APPROX±5%)		
35	CT POWER SUPPLY	C-RAIL WITH FASTOON CABLE		

DRN BY		TITLE:-	G.A. DRAWING	
CHK BY		PARTICULAR:-	20/5 TON DG EOT CRANE	
APR BY		DRN NO.-	REV	00
DATE	12-11-2025		DATE	12-11-2025
SCALE	N.T.S.			