



NOTES:-

- 152 LITRES OF OIL TO BE POURED IN THE REDUCER.
SORT OF OIL INDUSTRIAL 50 GOST 1707-51.
- CONSUMPTION OF WATER FOR COOLING 12 LITRES PER MINUTE.

I	24	124	10	20°	9°22'0"	5.166	570 KW	1140 KW	745 RPM	144 RPM
STAGE	Z1	Z2	MODULE	PRESSURE ANGLE	HELIX ANGLE	TRANSMISSION RATIO	INPUT POWER	RATED POWER	INPUT SPEED	OUTPUT SPEED

GEAR MESHING CHARACTERISTICS

QTY.	DESCRIPTION	MATERIAL	NET WT IN KG	DRG NO.	POS NO.
2	HEX.SCREW M2x50	St.Cl.B. IS:1367-91	0.09	BOC	41
2	STOPER WASHER 24	St.Cl.DT. IS:1094-79	0.03	BOC	40
1	THRUST PLATE CONDENSER	Fe410WA. IS:2062-92	1.6	085003/B1115	29
1	COOLING COIL	ASSLY.	21.78	085003/B1104	38
3	1" PIPE-THREADED PLUG	St.Cl.B. IS:1367-91	0.28	BOC	37
12	SPRING WASHER 20	SSS17. IS:4072-75	0.02	BOC	36
32	HEX.SCREW M8x20	St.Cl.B. IS:1367-91	0.006	BOC	35
1	CASING	Fe410WA. IS:2062-92	8.33	085003/B1114	34
1	CASING	Fe410WA. IS:2062-92	5.92	085003/B1113	33
4	PACKING HP 140	SEVANITE	0.09	BOC	32
4	SCREW M4x8	St.Cl.B. IS:1367-91	0.001	BOC	31
1	NAME PLATE	STEEL	0.124	BOC	30
8	SPRING WASHER 30	SSS17. IS:4072-75	0.04	BOC	29
12	HEXNUT M20	St.Cl.B. IS:1367-91	0.045	BOC	28
6	HEXNUT M30	St.Cl.B. IS:1367-91	0.18	BOC	27
16	HEX.SCREW M10x40	St.Cl.B. IS:1367-91	0.027	BOC	26
12	HEX.BOLT M20x90	St.Cl.B. IS:1367-91	0.26	BOC	25
8	HEX.BOLT M30x290	St.Cl.B. IS:1367-91	1.9	BOC	24
24	HEX.SCREW M24x60	St.Cl.B. IS:1367-91	0.32	BOC	23
2	TAPER PIN 16x80	45CB. IS:2004-91	0.144	BOC	22
4	GASKET 425x320x1	PARDNITE	0.007	BOC	21
1	GASKET 500x400x1	PARDNITE	0.009	BOC	20
4	SPRING 140	WIRE III	0.031	BOC	19
4	SPRING 170	WIRE III	0.037	BOC	18
1	AIR VENT No.3	ASSEMBLY	0.67	BOC	17
4	PACKING HP 170	SEVANITE	0.106	BOC	16
2	PACKING RING	Fe410WB. IS:2062-92	0.6	085003/B1112	15
1	PARALLEL KEY 50x28x370	45CB. IS:2004-91	3.96	SUIT TO ASSLY	14
4	PARALLEL KEY 40x22x180	45CB. IS:2004-91	1.18	SUIT TO ASSLY	13
2	PARALLEL KEY 32x18x130	45CB. IS:2004-91	0.52	SUIT TO ASSLY	12
4	TAPER ROLLER BEARING 180x320x91 No.7506	SKF/FAG/TIMKEN	30.7	BOC	11
2	OIL SCRAPER WASHER	Fe410WB. IS:2062-92	2.3	085003/B1111	10
1	INSPECTION COVER	Fe410WB. IS:2062-92	15.6	085003/B1110	9
2	PACKING RING	Fe410WB. IS:2062-92	0.7	085003/B1109	8
2	COVER	Fe410WB. IS:2062-92	28	085003/B1108	7
2	COVER	Fe410WB. IS:2062-92	32	085003/B1107	6
1	GEAR WHEEL	SAE 8620/EN 353	1100	085003/B1106	5
1	OUTPUT SHAFT	C50. IS:1570-61	305	085003/B1105	4
1	PINDIN #10. Z=24	40Cr4. IS:4367-91	240	085003/B1104	3
1	REDUCER BODY	ASSLY.	1468.65	085003/B1102	2
1	REDUCER COVER	ASSLY.	1184.48	085003/B1101	1
QTY.	DESCRIPTION	MATERIAL	NET WT IN KG	DRG NO.	POS NO.

SCALE	NAME	DATE	REV.
DRN	CHKD	APPD	
TITLE: REDUCTION GEAR BOX ASSLY			DRG NO: 085003/B-1100
1:5.166 FOR BALL MILL			REV.