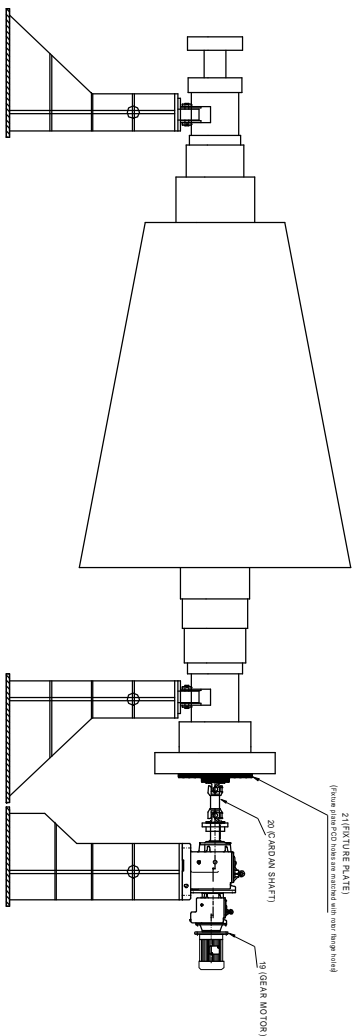



Drive Specification	
INPUT POWER	7.5 kw
INPUT SPEED	1440 rpm
ACTUAL RATIO	267.24/1
OUTPUT SPEED	5.83 rpm
SERVICE FACTOR	1.71
TYPE OF LUBRICATION	SPLASH
OIL SPECIFICATION	API GRADE 320 OF DIPLOMA (ISO 100W, DIPLOMA 100W/90) DIPLOMA 100W/85D
CASING MATERIAL	BS3 (AS SHOWN)
MOUNTING POSITION	850 kgs.
Wt. of oil (Approx)	37 lbs.

Cardan Shaft Specification	
Bearing Torque	Tb 14.50KNT
Pulsating Fatigue Torque	Tdsch 10.58KNT
Reversing Fatigue Torque	TdW 7.30KNT

21	FIXTURE PLATE	-	-	1	-		Mild steel		-
20	CARDAN SHAFT	-	-	1	-	-	-		-
19	Gear Motor Assembly	-	-	1	-	-	-		-
18	Vertical middle plate 1	-	18	1	2020x1340x20PL		Mild Steel	424.96kg/Pc	-
17	Vertical middle plate	-	17	2	2020x700x20PL		Mild Steel	221.99kg/Pc	-
16	Side Plate	-	16	2	2020x1050x20PL		Mild Steel	332.99kg/Pc	-
15	Middle Plate 2	-	15	2	1340x700x20PL		Mild Steel	147.26kg/Pc	-
14	Middle Plate 1	-	14	1	1340x955x20PL		Mild Steel	200.91kg/Pc	-
13	Top Plate	-	13	1	1420x700x30PL		Mild Steel	234.08kg/Pc	-
12	Bottom Plate	-	12	1	1580x1210x30PL		Mild Steel	450.22kg/Pc	-
11	Roller Assembly	-	11	2	-	EN36			-
10	Plates For Roller	-	10	4	1020x300x195PL		Mild Steel	468.40kg/Pc	-
9	Blocks	-	9	4	390x220x110PL		Mild Steel	74.08kg/Pc	-
8	Vertical middle plate 1	-	8	2	2020x1340x40PL		Mild Steel	849.93kg/Pc	-
7	Vertical middle plate	-	7	4	2020x470x40PL		Mild Steel	298.11kg/Pc	-
6	Side Plate	-	6	4	2020x1420x40PL		Mild Steel	900.67kg/Pc	-
5	Middle Plate 2	-	5	4	1340x470x20PL		Mild Steel	98.87kg/Pc	-
4	Middle Plate 1	-	4	2	1340x955x20PL		Mild Steel	200.91kg/Pc	-
3	Top Plate 2	-	3	4	420x170x30PL		Mild Steel	16.81kg/Pc	-
2	Top Plate	-	2	2	1420x470x40PL		Mild Steel	203.56kg/Pc	-
1	Bottom Plate	-	1	2	1580x1580x40PL		Mild Steel	783.86kg/Pc	-
Sr. NO.	DESCRIPTION	PART NO	POS NO	QTY	MAT'L. SIZE	MAT'L. SPEC	G. WT	N. WT	



REV.	DATE	CHECKED		REV.	DATE	CHECKED		REV.	DATE	CHECKED	
		APPROVED				APPROVED				APPROVED	

SCALE N.T.S.	DIM IN	NAME	SIGN.	DATE	REF. DRG.	
	MM					
	WEIGHT	DRAWN	DINESH		WORK ORDER NO.	
	KG.	CHECKED	VIVER			
		APPROVED	BLP			25-10-2023
TITLE:  ROTOR STAND					DRAWING NO.  3-01-23053	REV.  00