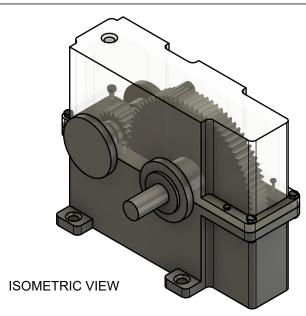


16	PARALLEL KEY	Parallel key 5x5x25	Steel	1
15	PARALLEL KEY	Parallel key 8x7x25	Steel	1
14	GEAR SHAFT	D = 20	Al 46000	1
13	PINION SHAFT	D = 15	Al 46000	1
12	NUT	M3	Steel	3
11	NUT	M5	Steel	4
10	BOLT	M3	Steel	3
9	BOLT	M5	Steel	4
8	BEARING CAP	Die casted	CI (IS: 1865)	4
7	OIL SEAL	d =20, D = 40	BUNA S	1
6	OIL SEAL	d = 15, D = 30	BUNA S	1
5	BEARING	SKF 6004	Carbon steel	2
4	BEARING	SKF 6002	Carbon steel	2
3	CASING	Die casted	Aluminium (IS: 2447)	1
2	GEAR	m = 2, Z = 80	35 Ni 1 Cr 60	1
1	PINION	m = 2, Z = 20	C50	1
SR.	PART	DESCRIPTION	MATERIAL	QTY.

PARTS LIST



ALL DIMENSIONS ARE IN mm.

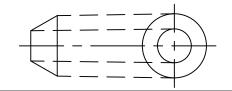
COLLEGE OF ENGINEERING PUNE

MRUDULA SAWAIKAR NIHAR APTE 111910060 111910063

CLASS: T.Y.MECHANICAL

TITLE: GEARBOX ASSEMBLY FOR FOOD PROCESSOR SINGLE STAGE GEARBOX (REDUCTION 4:1)

THEORY AND DESIGN OF MECHANICAL SYSTEMS



DATE: 13/4/22

