



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Outer Housing	Outer Housing Panel	1
2	Outer Housing (Flipped)	Outer Housing Panel with fillets on other side	1
3	Inner Housing	Inner Housing Panel for holding bearings (2x per side)	4
4	Small Input (10mm)	10mmØ shaft	1
5	Gear A	Gear: 27.95mmØ, 6mm width	1
6	Small Bearing	2x per small shaft	4
7	Small Spacer	2x per small shaft	4
8	Shaft Small (10mm)	10mmØ shaft for gears B & C	1
9	Gear B	Gear: 53.0mmØ, 6mm width	1
10	Gear C	Gear: 33.25mmØ, 6mm width	1
11	12mm (Med) Shaft	12mmØ Shaft	1
12	Medium Spacer	2x per medium shaft	2
13	Gear E	Gear: 46.2mmØ, 9mm width	1
14	Gear D	Gear: 169.75mmØ, 6mm width	1
15	Gear F	Gear: 213.4mmØ, 6mm width	1
16	15.88mm Shaft	15.88mmØ Shaft	1
17	Large Spacer	2x per large Shaft	2
18	Pulley Center	3x for core of pulley	1
19	Pulley Side	1x for each side of pulley	2
20	AS 1420 - M5 x 25-N	Bolt for Pulley	1
21	AS 1112.4 AB- M5-N	Nut for Pulley Bolt	1
22	Housing Spacer (Prototype)	2x to create panel gap	2
23	Table Mount	1x for side mounts	1
24	Medium Bearing	2x per medium shaft	2
25	Large Bearing	2x per large shaft	2

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

FINISH:

DEBURR AND
BREAK SHARP
EDGES

DO NOT SCALE DRAWING

REVISION

NAME

SIGNATURE

DATE

DRAWN

CHK'D

APPV'D

MFG

Q.A.

MATERIAL:

Gears & Shafts:
4140 AISI Steel

WEIGHT:

TITLE:
**Final Gearbox -
Exploded Assembly**

DWG NO.

Exploded

A2

SCALE:2:5

SHEET 1 OF 1