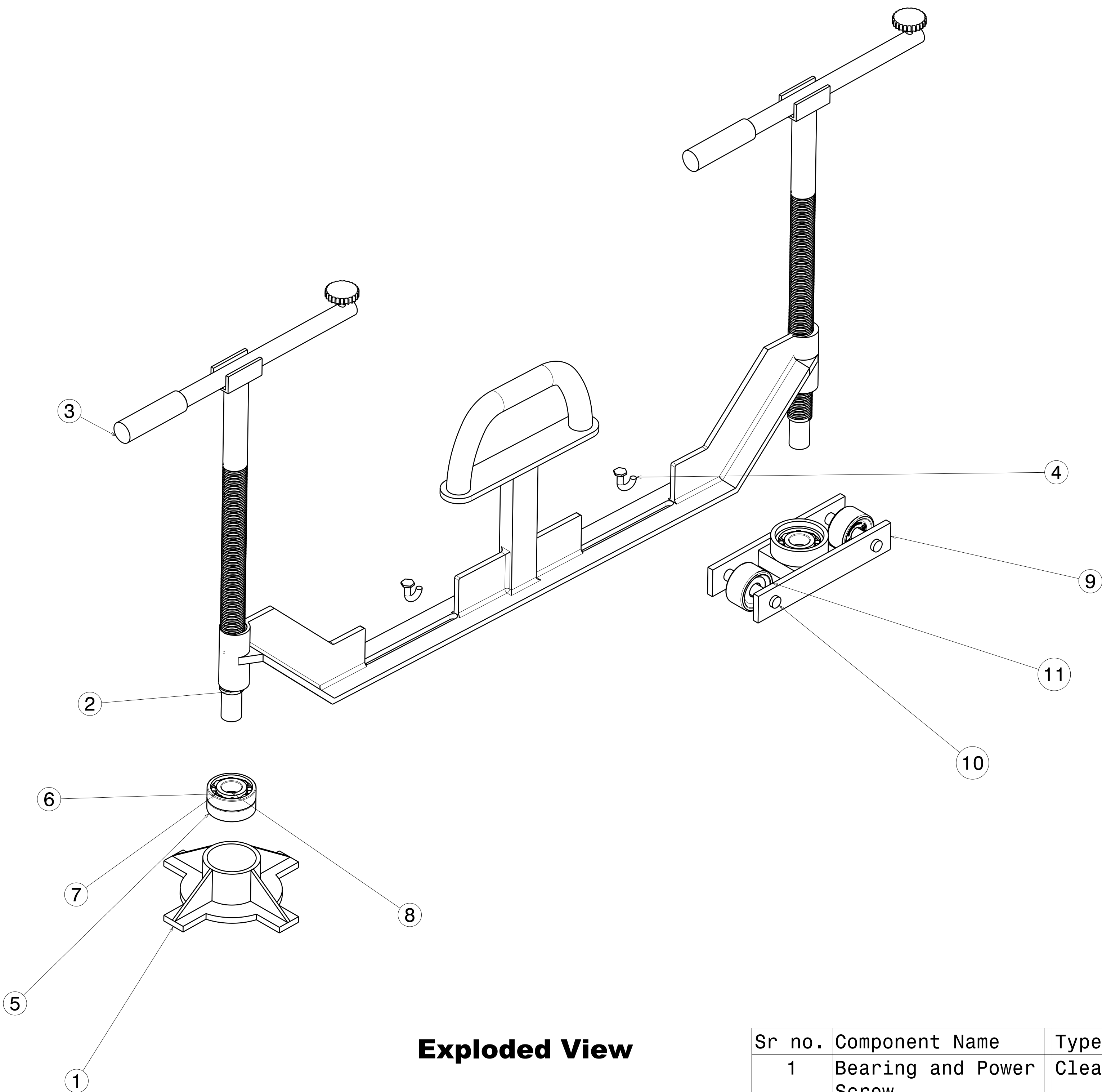
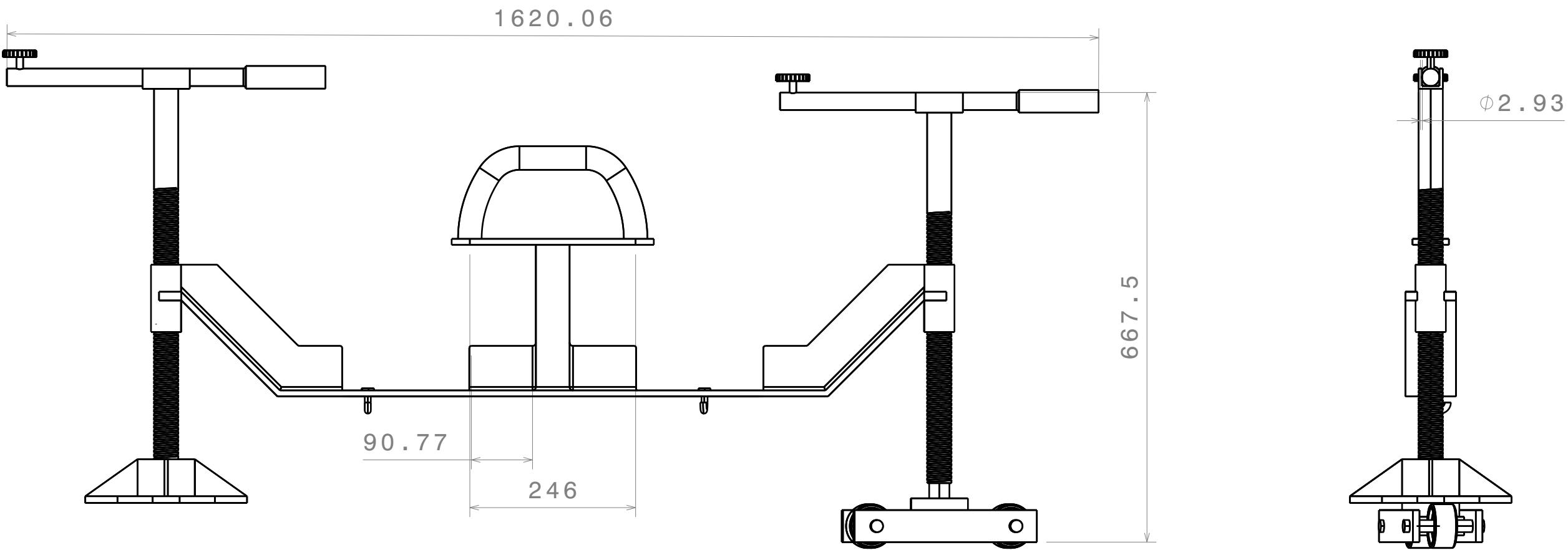


Manhole Cover Lifter



Exploded View

Sr no.	Component Name	Type of Fit
1	Bearing and Power Screw	Clearance Fit
2	Bearing and Stabilizer	Interfernce Fit
3	Wheel and Rod	Clearance Fit



Front View

Side View

Bill of Material: Manhole Cover Lifter

Part no.	Part Name	Quantity	Material Name
1	Stabilizer	1	Steel
2	Beam	1	Medium Carbon Steel(SAE1040)
3	Power Screw	2	Low Carbon Steel(SAE 1117)
4	Slot Hanger	2	Galvanised Steel
Part no.	Part Name	Quantity	Material Name
5	Outer Race	1	High Carbon Steel
6	Ball	8	Stainless Steel
7	Strainer	1	Carbon Steel
8	Inner Race	1	High Carbon Steel

Part no.	Part Name	Quantity	Material Name
9	Strip	1	Steel
10	Screw	2	Steel(SAE1117)
11	Roller	2	Nylon 6

DESIGNED BY: HP	Assembly Drawing	I	-
DATE: 11/11/2024		H	-
CHECKED BY:		G	-
DATE:		F	-
SIZE: A1	TYMEA005, 07, 08, 13, 16	E	-
SCALE: 1:1		D	-
		C	-
		B	-
		A	-