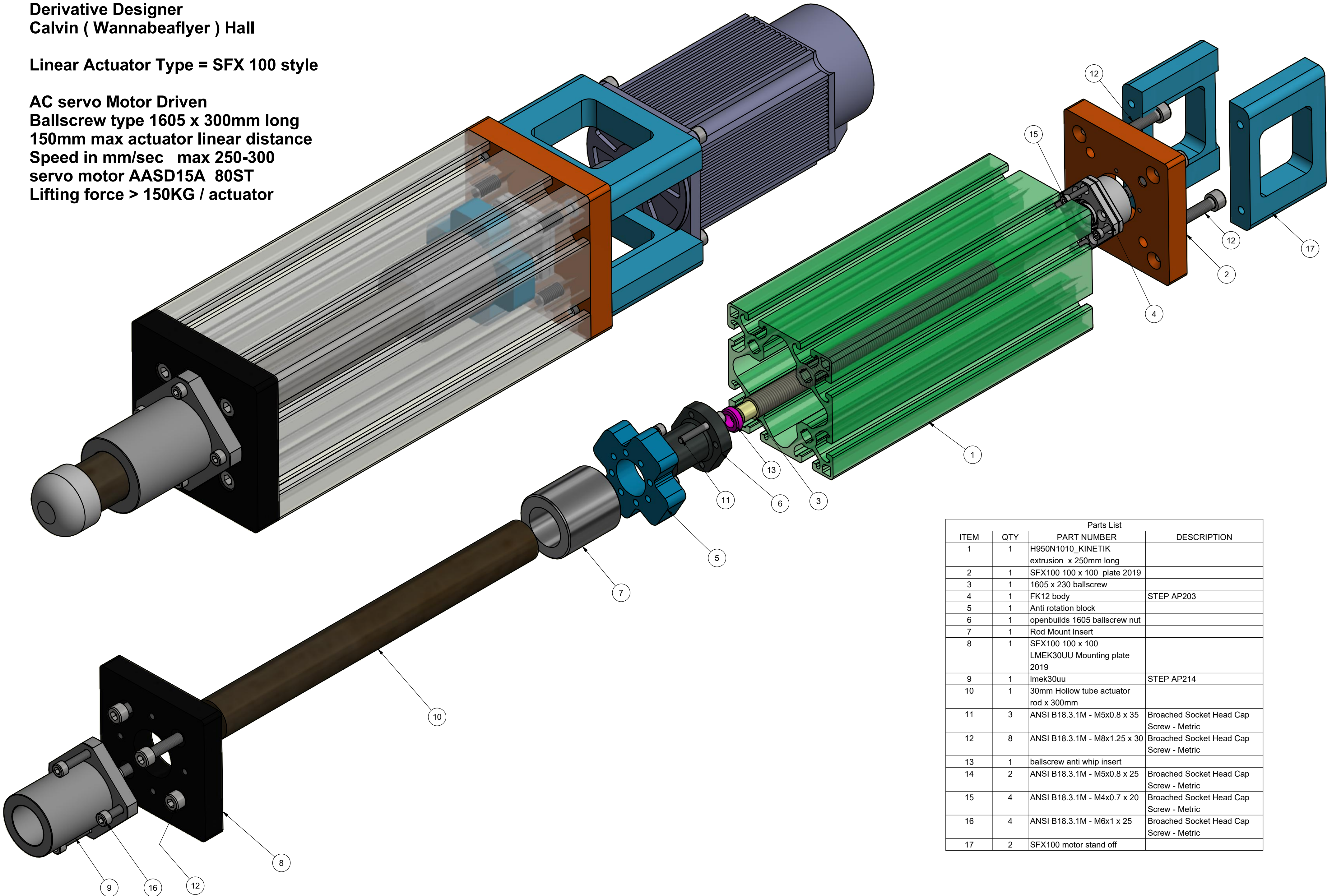


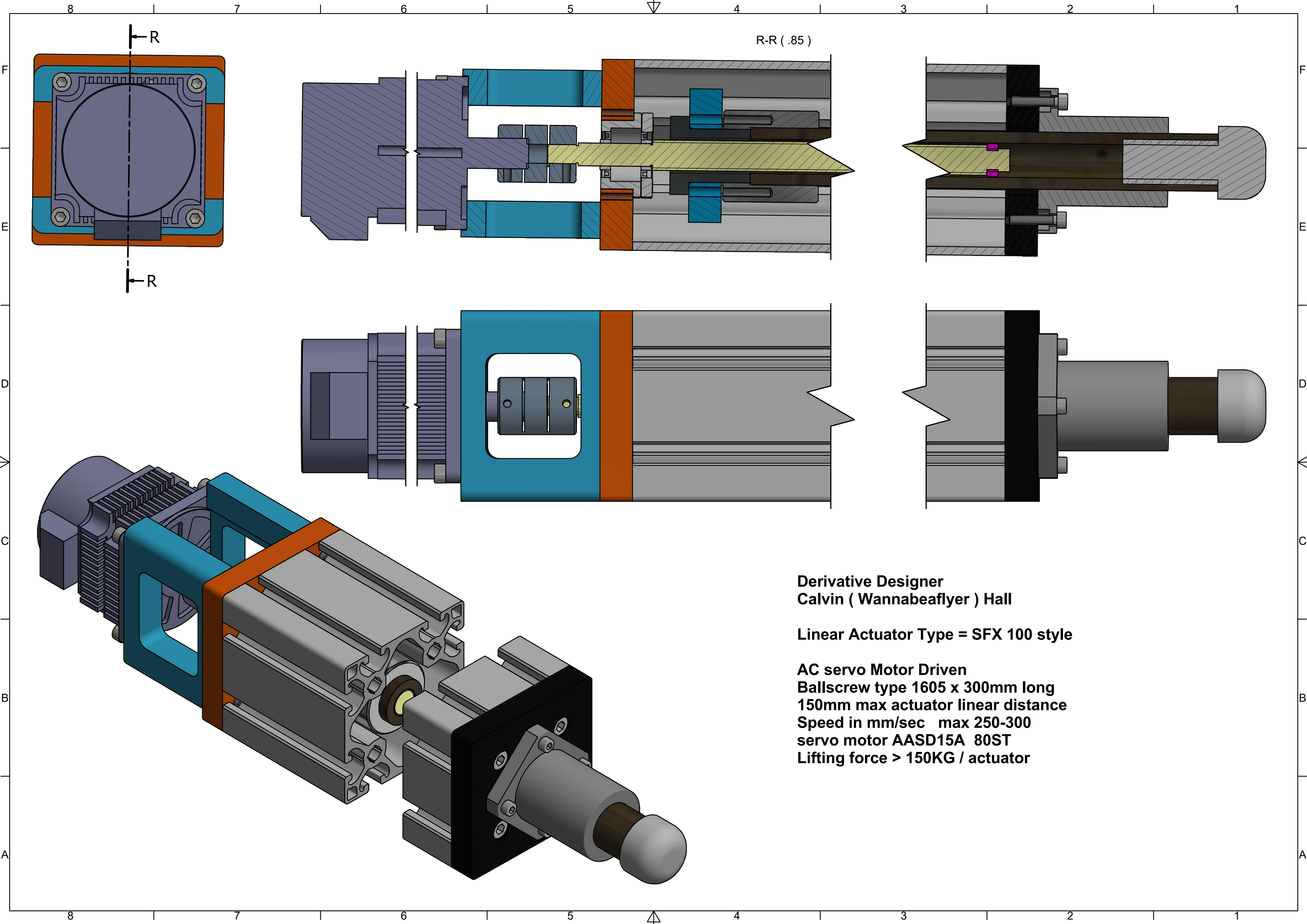
Derivative Designer
Calvin (Wannabeaflyer) Hall

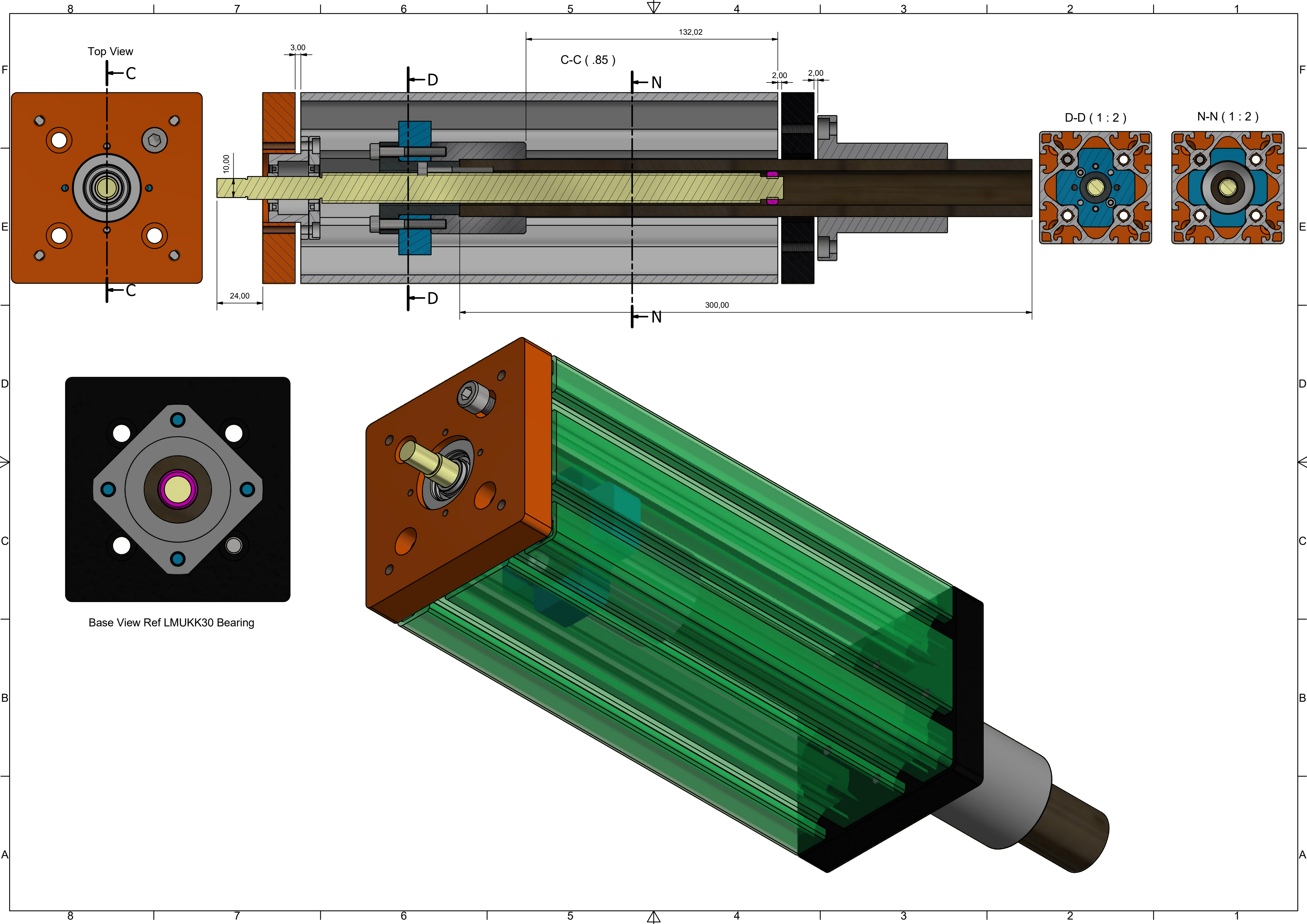
Linear Actuator Type = SFX 100 style

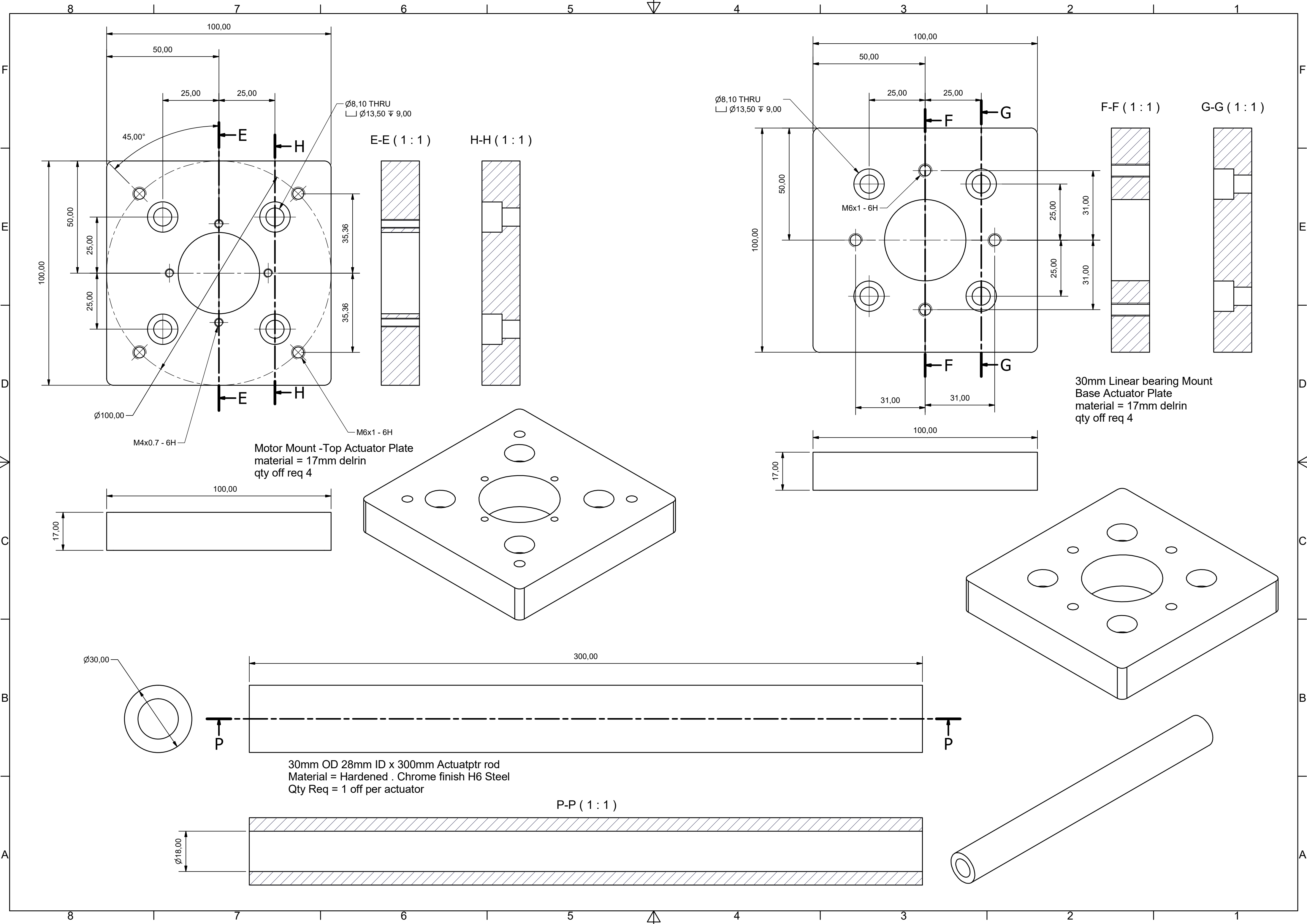
AC servo Motor Driven
Ballscrew type 1605 x 300mm long
150mm max actuator linear distance
Speed in mm/sec max 250-300
servo motor AASD15A 80ST
Lifting force > 150KG / actuator

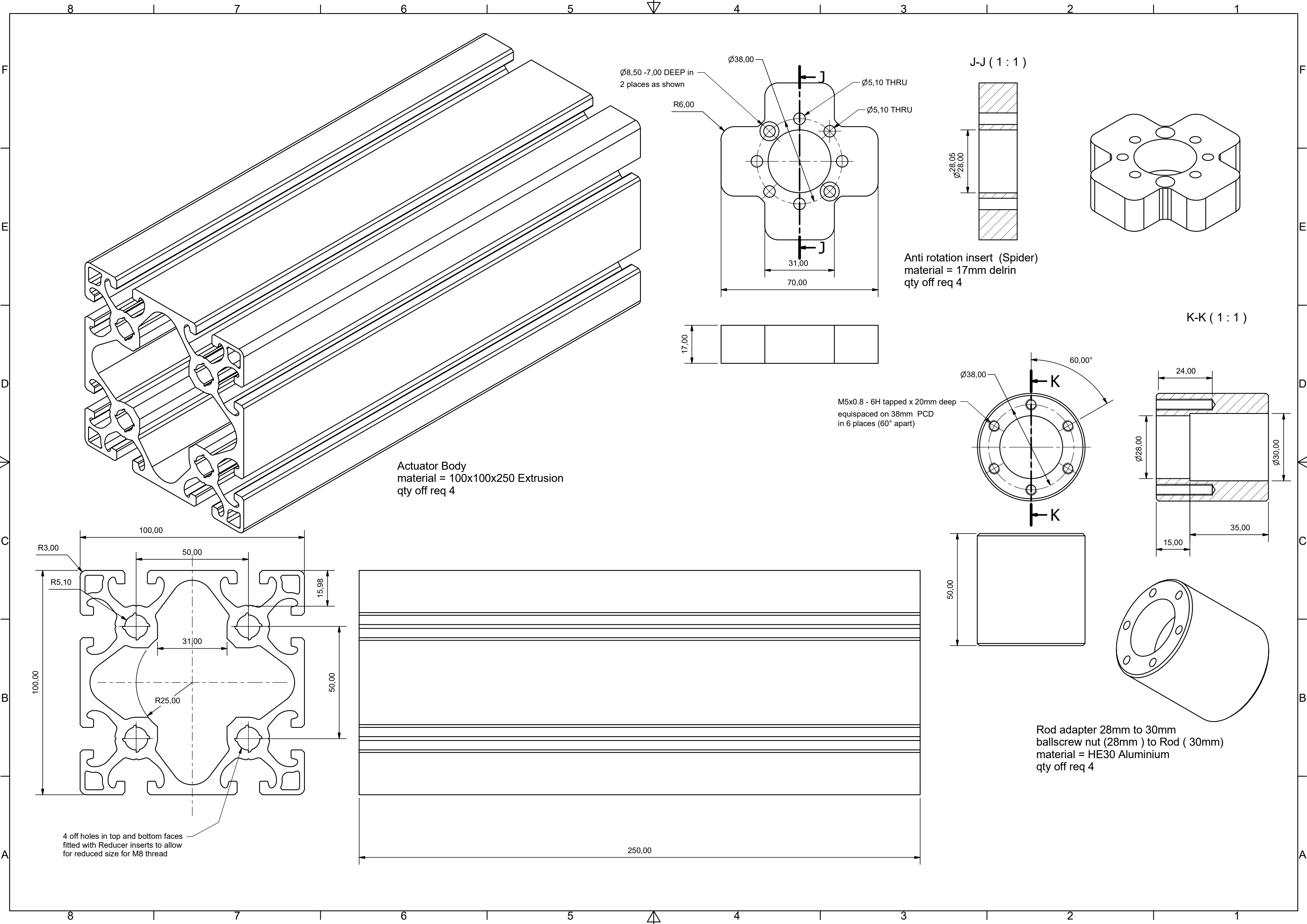


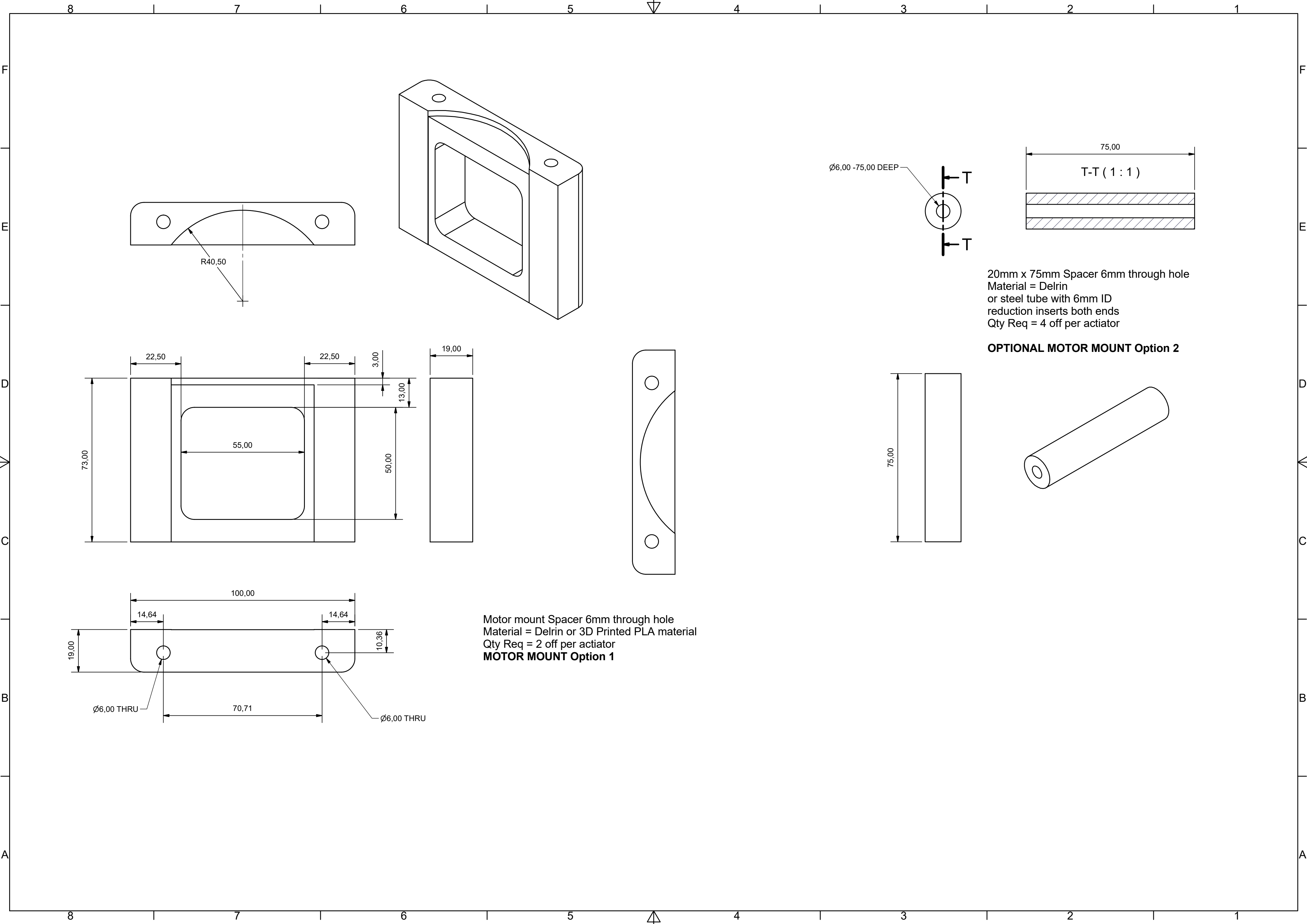
Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	H950N1010_KINETIK extrusion x 250mm long	
2	1	SFX100 100 x 100 plate 2019	
3	1	1605 x 230 ballscrew	
4	1	FK12 body	STEP AP203
5	1	Anti rotation block	
6	1	openbuilds 1605 ballscrew nut	
7	1	Rod Mount Insert	
8	1	SFX100 100 x 100 LMEK30UU Mounting plate 2019	
9	1	lmeK30uu	STEP AP214
10	1	30mm Hollow tube actuator rod x 300mm	
11	3	ANSI B18.3.1M - M5x0.8 x 35	Broached Socket Head Cap Screw - Metric
12	8	ANSI B18.3.1M - M8x1.25 x 30	Broached Socket Head Cap Screw - Metric
13	1	ballscrew anti whip insert	
14	2	ANSI B18.3.1M - M5x0.8 x 25	Broached Socket Head Cap Screw - Metric
15	4	ANSI B18.3.1M - M4x0.7 x 20	Broached Socket Head Cap Screw - Metric
16	4	ANSI B18.3.1M - M6x1 x 25	Broached Socket Head Cap Screw - Metric
17	2	SFX100 motor stand off	



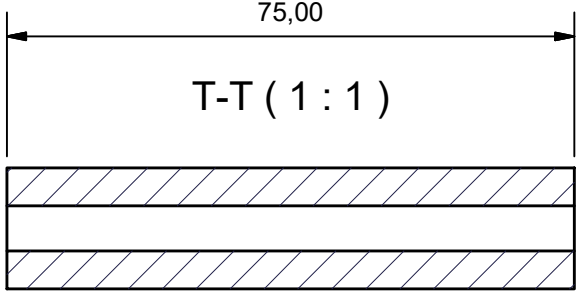
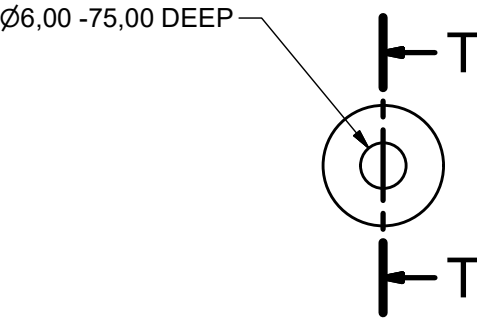








Motor mount Spacer 6mm through hole
Material = Delrin or 3D Printed PLA material
Qty Req = 2 off per actuator
MOTOR MOUNT Option 1



20mm x 75mm Spacer 6mm through hole
Material = Delrin
or steel tube with 6mm ID
reduction inserts both ends
Qty Req = 4 off per actuator

OPTIONAL MOTOR MOUNT Option 2

