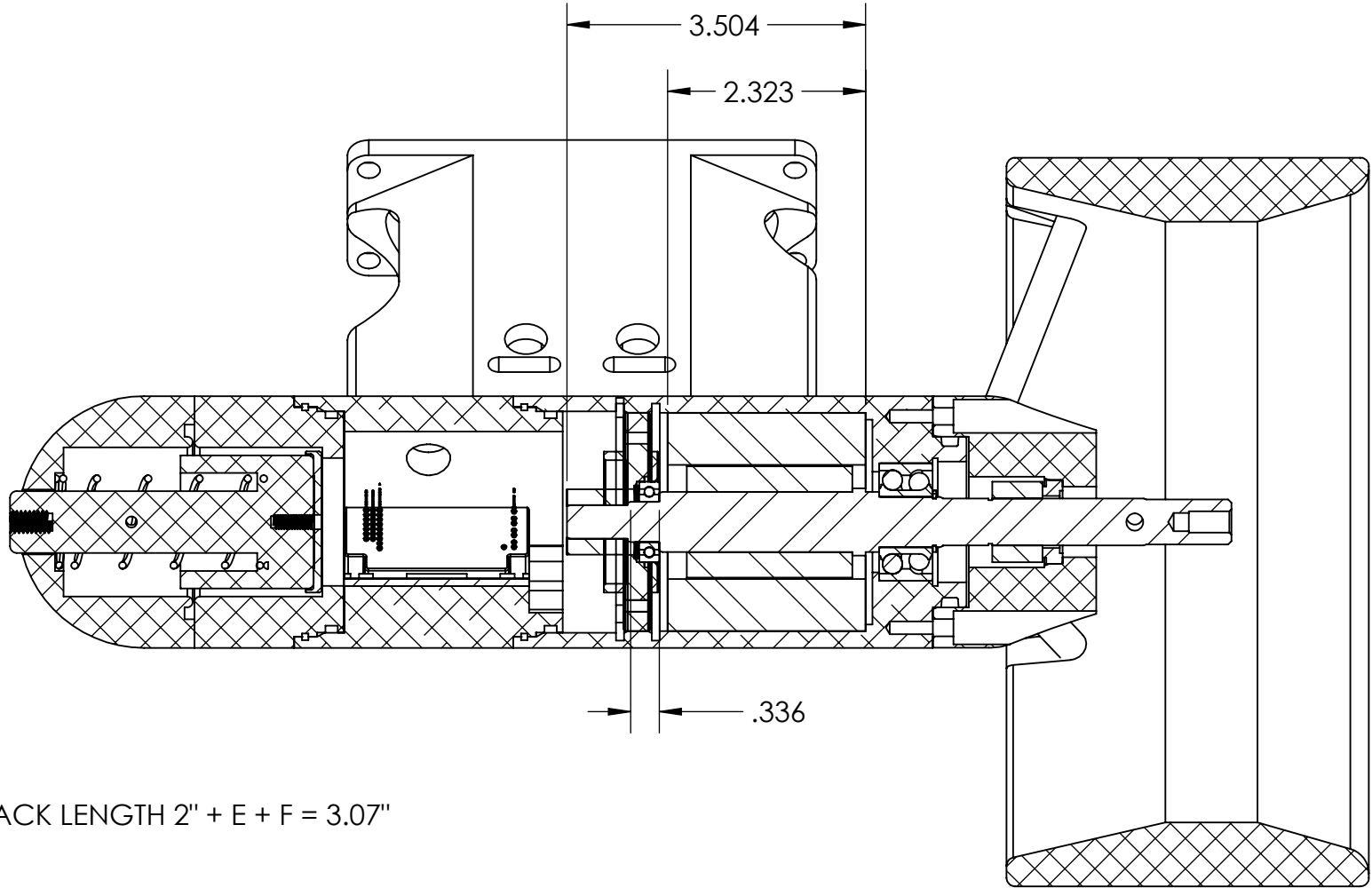
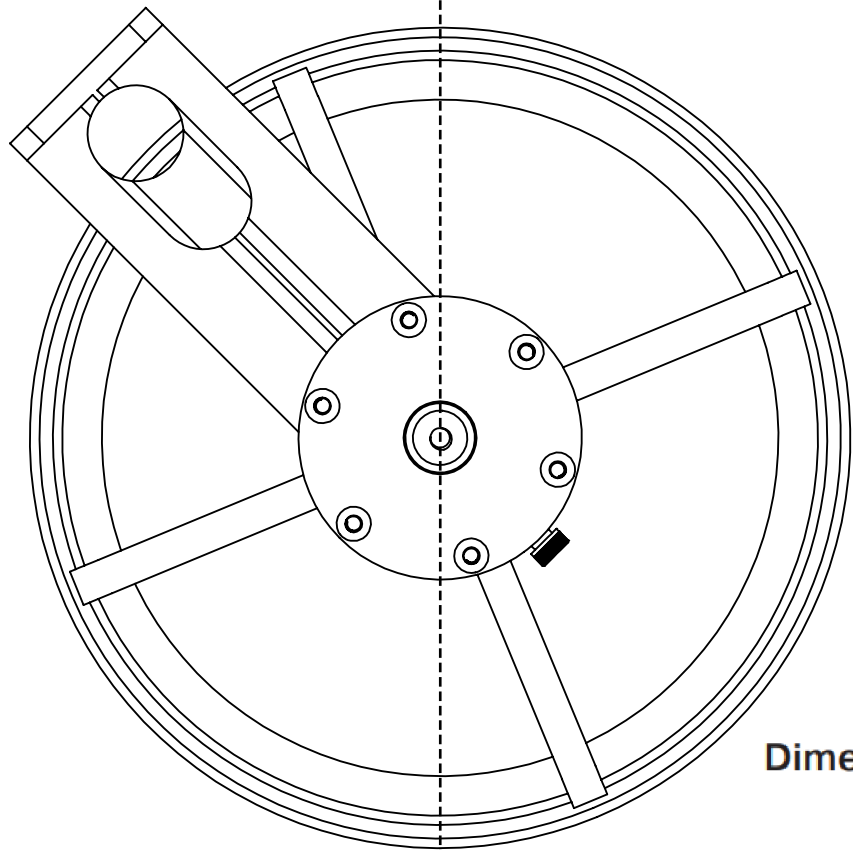


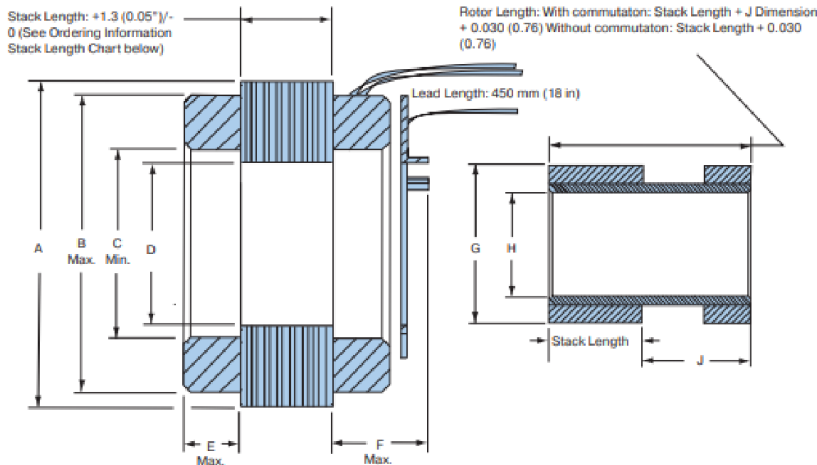
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SECTION A-A

Dimensions

STACK LENGTH 2" + E + F = 3.07"



Frame Size	A	B	C	D	E	F	G	H	J
	O.D.	End Turns O.D. Max	End Turns I.D. Min	I.D.	End Turns Length Max	Commutation Length	Rotor O.D. Max	Rotor I.D.	Commutation Length
K032	1.251 (31.78)	1.17	0.65	0.593 (15.06)	0.25	0.57 (14.5)	0.559	0.301 (7.65)	0.52 (13.2)
	1.249 (31.72)	(29.7)	(16.5)	0.583 (14.80)	(6.4)		(14.20)	0.299 (7.60)	
K044	1.751 (44.48)	1.65	1.02	0.880 (22.35)	0.31	0.65 (16.5)	0.845	0.551 (14.00)	0.58 (14.7)
	1.748 (44.40)	(42.0)	(25.9)	0.870 (22.10)	(7.9)		(21.46)	0.549 (13.95)	
K064	2.501 (63.53)	2.39	1.50	1.385 (35.18)	0.38	0.69 (17.5)	1.350	0.927 (23.55)	0.62 (15.7)
	2.498 (63.45)	(60.7)	(38.1)	1.375 (34.92)	(9.7)		(34.29)	0.925 (23.50)	
K089	3.501 (88.93)	3.38	2.15	2.105 (53.47)	0.39	0.69 (17.5)	2.050	1.601 (40.67)	0.66 (16.7)
	3.498 (88.85)	(85.9)	(54.6)	2.095 (53.21)	(9.9)		(52.07)	1.599 (40.61)	
K178	7.003 (177.88)	6.80	4.39	4.356 (110.65)	0.60	*	4.319	3.771 (95.78)	*
	6.997 (177.72)	(172.7)	(111.5)	4.346 (110.39)	(15.3)		(109.70)	3.769 (95.73)	

*Integral commutation not available

UNLESS OTHERWISE SPECIFIED				APPROVALS		DATE		MONTEREY BAY AQUARIUM RESEARCH INSTITUTE MBARI 7700 SANDHOLDT RD. MOSS LANDING, CA 95039 PH: (831) 775-1700 K064 MOTOR SIZE REF					
1 PLACE DIM ±1/16		2 PLACE DIM ±.02		3 PLACE DIM ±.005		ANGLES ±1°						DRAWN:	
DIMENSIONS ARE IN INCHES. - DIMENSION LIMITS HELD AFTER PLATING. - REMOVE BURRS AND SHARP EDGES .015 MAX. - MACHINED FILLET RADII .015-.030. - $\pm .005$ FOR MACHINED DIAMETERS SHARING A ϕ. - $\pm .0005$ OF MACHINED SURFACES .002 PER INCH. MAX .012 INCHES FOR SINGLE SURFACE. - $\sqrt{\text{V}}$ ON MACHINED SURFACES - $\sqrt{\text{V}}$ ON DRILLED HOLES												CHECKED:	
								PROJECT:					
								MATERIAL:					
								VOLUME:					
								WEIGHT:					
DO NOT SCALE DRAWING								SIZE B		DWG. NO.		REV. A.49	
								SCALE 1:2				SHEET 1 OF 1	