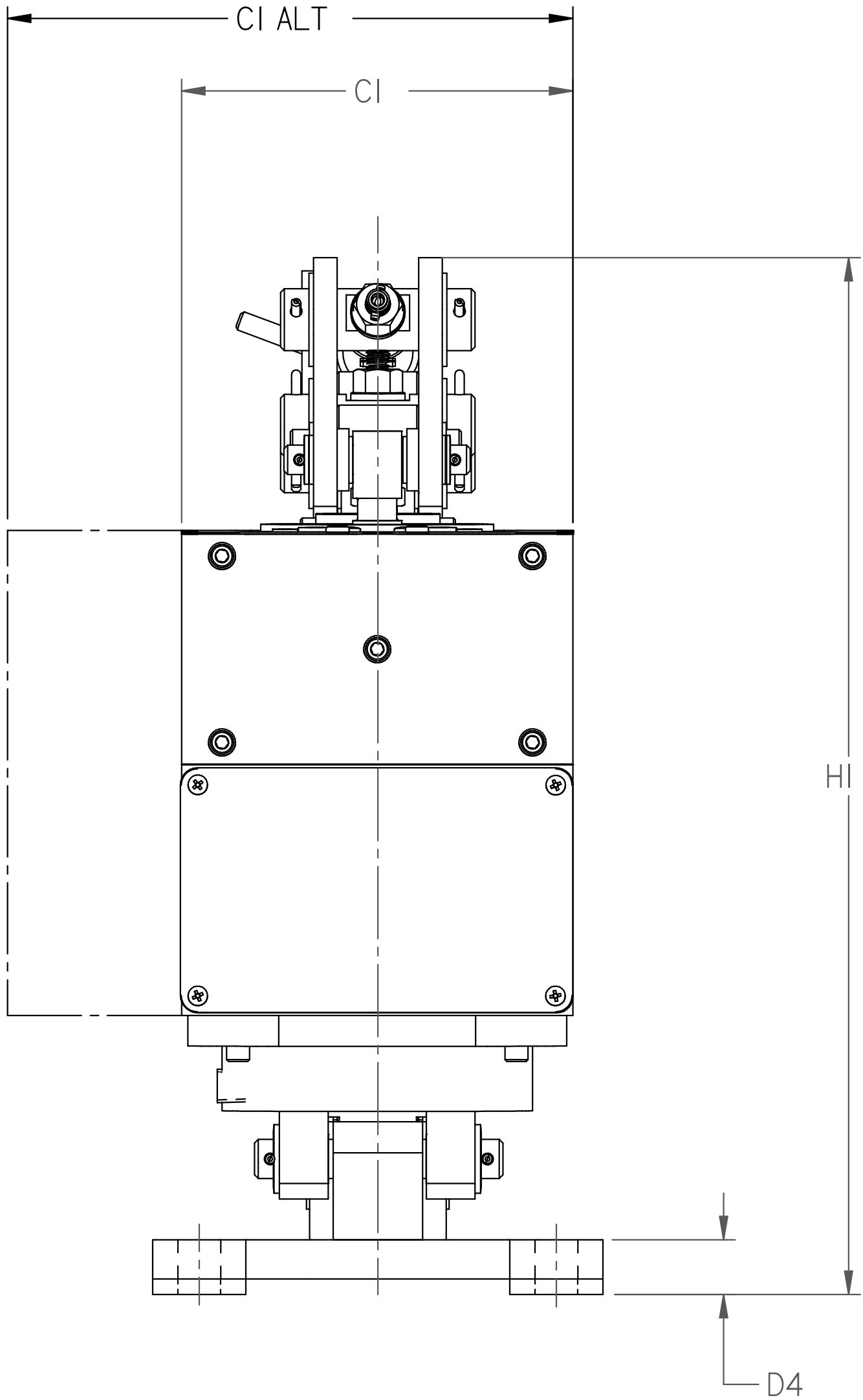
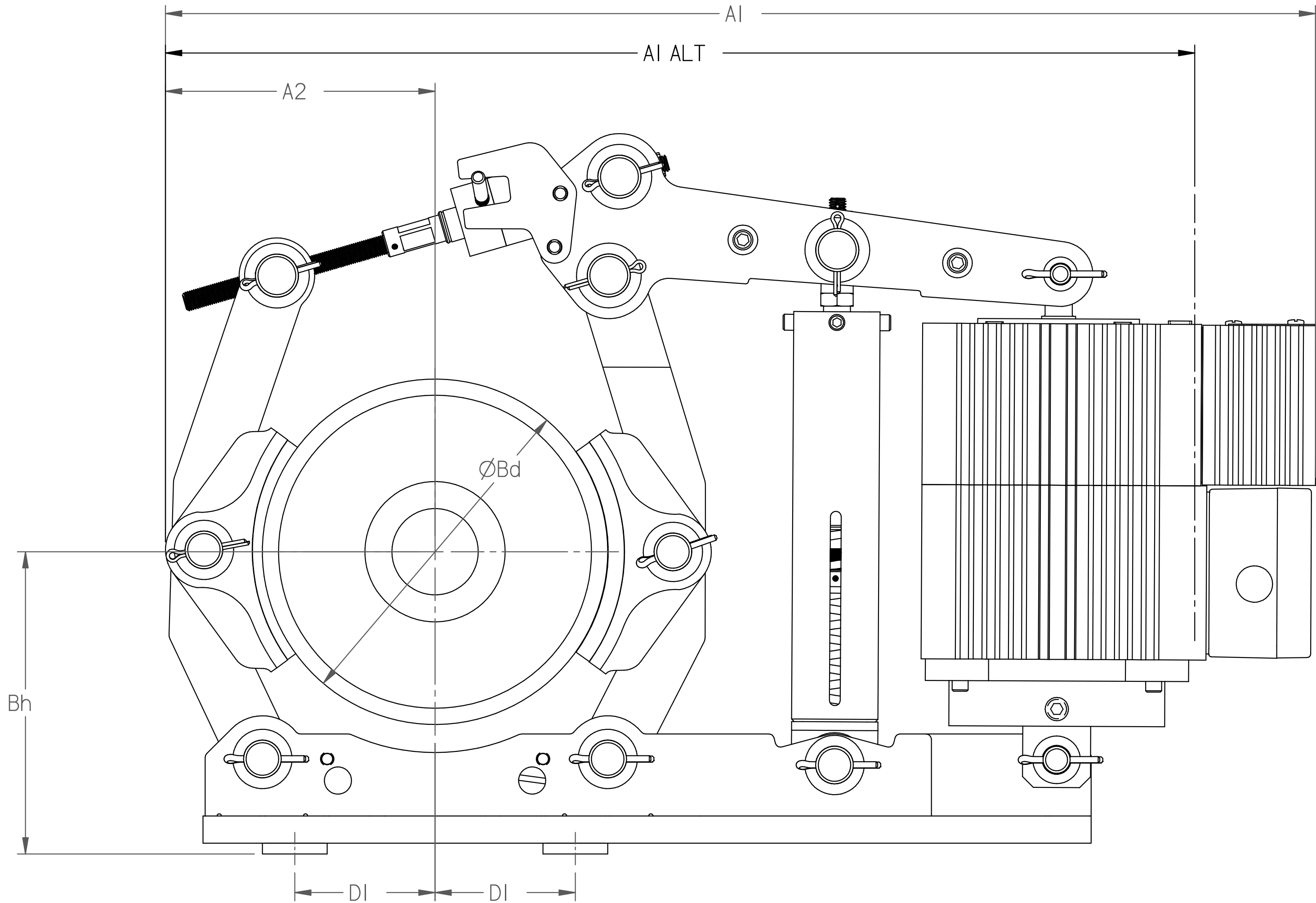
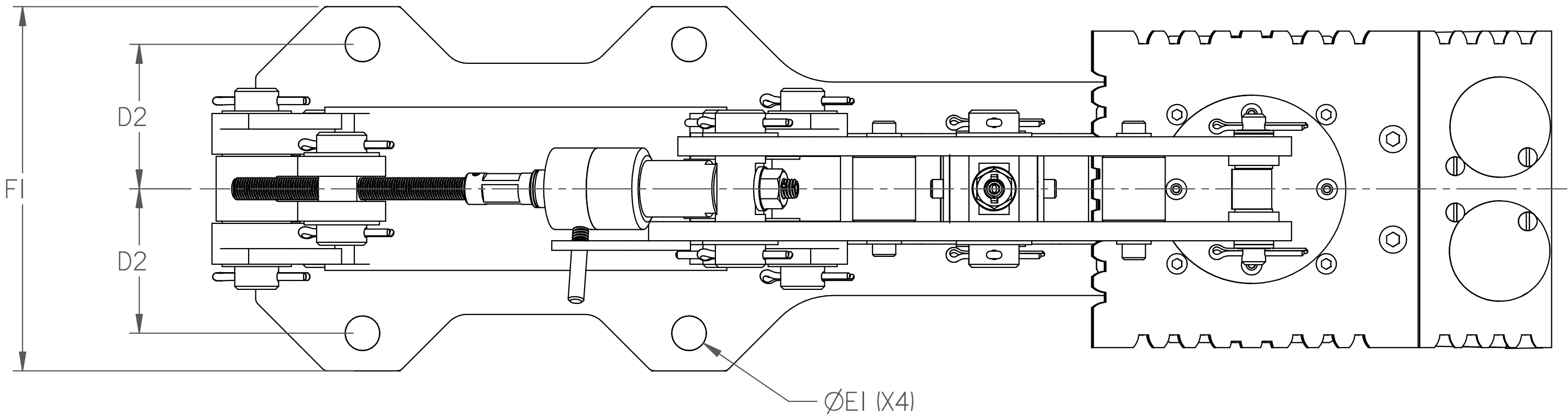


BRAKE TYPE	TQ AIST (LBF FT)	TQ NON-AIST (LBF FT)	THRUSTER	Bd	Bh	A1	A1 ALT SEE NOTE	A2	C1	C1 ALT SEE NOTE	D1	D2	D4	E1	F1	H1
HBDR-06	-	170	HT2	6	TBD											
HBDR-08	100	220	HT3	8	7.00	26.64	23.85	6.25	6.30	9.10	3.25	2.88	0.88	0.69	7.25	16.69
HBDR-10	200	240	HT3	10	8.39	26.50	23.71	7.54	6.30	9.10	4.00	3.12	0.88	0.69	7.71	19.71
HBDR-13	550	640	HT4	13	9.88	34.42	31.63	8.68	6.30	9.10	5.75	4.50	0.88	0.82	10.84	24.11
HBDR-16	1000	1190	HT6	16	12.13	38.79	36.00	11.47	8.50	11.93	7.50	5.37	1.13	1.06	12.84	29.73
HBDR-19	2000	2140	TBD	19	13.25	46.74	43.95	13.70	8.50	11.93	9.25	6.50	0.75	1.06	15.59	31.67

NOTE:

AI ALT AND CI ALT ARE FOR
ALTERNATE ELECTRICAL BOX
AND FLOW CONTROL HOUSING
BUILD CONFIGURATIONS AS
DETERMINED IN THRUSTER PART
NUMBER



PRELIMINARY

ECO#	LTR	REV	DATE	BY	DESCRIPTION	

3 PLACE DECIMAL X.XXX ±0.005
2 PLACE DECIMAL X.XX ±0.01
1 PLACE DECIMAL X.X ±0.1
ANGLES ±1°
MACHINING TOLERANCE EXCEPT
AS NOTED

PROPRIETARY INFORMATION		PROJECTION	DWG. NO.	HYDRASTOP TECHNICAL SPECIFICATIONS-00	
THE INFORMATION CONTAINED IN THIS DRAWING IS AND REMAINS THE PROPERTY OF FORCE CONTROL INDUSTRIES, INC. AND RECEIPT OR POSSESSION OF THIS DOCUMENT CONFERS OR TRANSFERS NO RIGHT IN OR LICENSE TO USE OR TO DISCLOSE TO OTHERS FOR ANY PURPOSE THE INFORMATION HEREIN.		MATERIAL SPECIFICATIONS	TITLE	HYDRASTOP SPEC	 FORCE CONTROL INDUSTRIES, INC. 3660 DIXIE HIGHWAY FAIRFIELD, OHIO 45014
			USED ON	HYDRASTOP ASSEMBLY	
			DRAWN BY	lhulley	
			CHECKED BY	KAK	
		SCALE	ENG BY	lhulley	
		1:1	APPROVED BY	KAK	