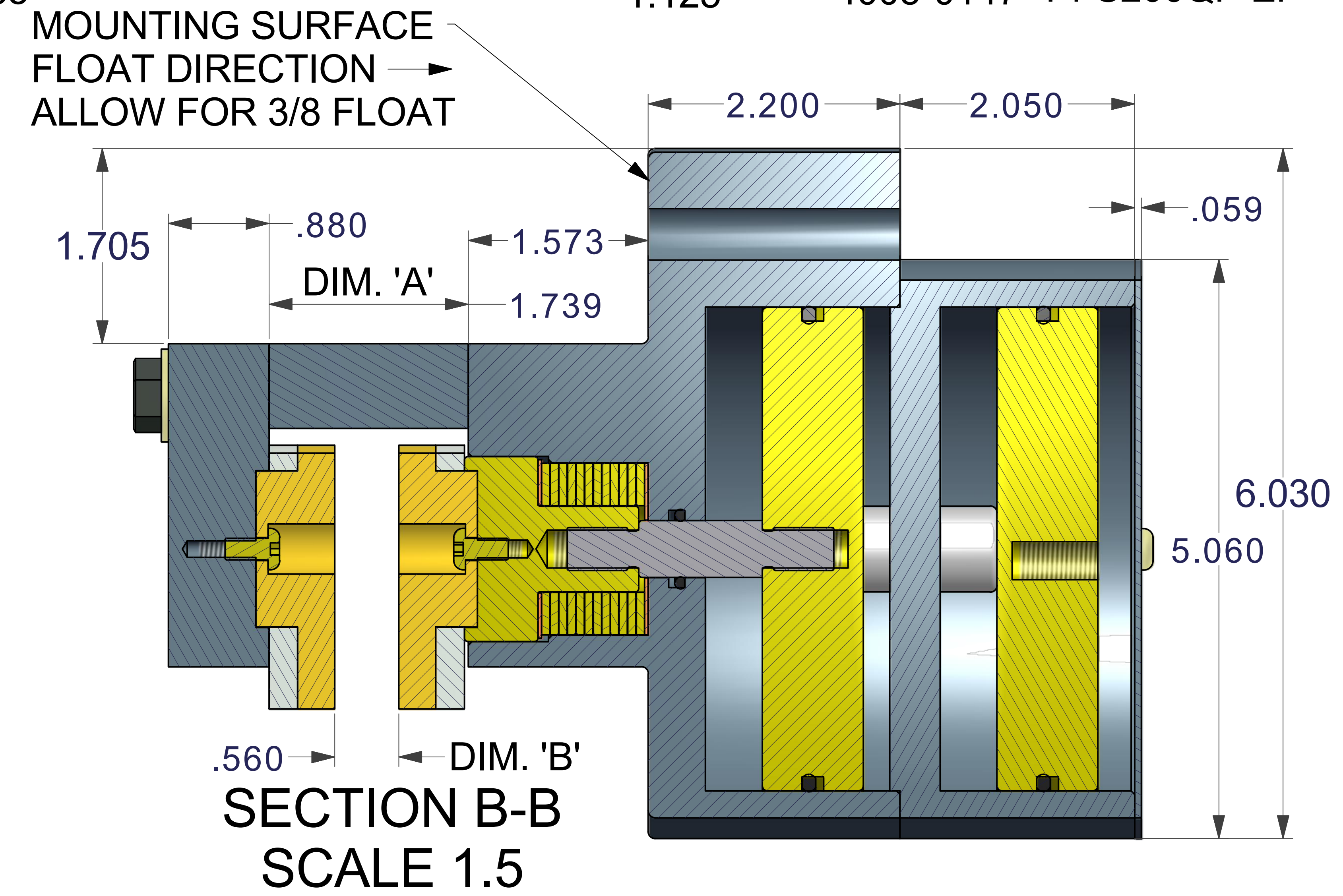
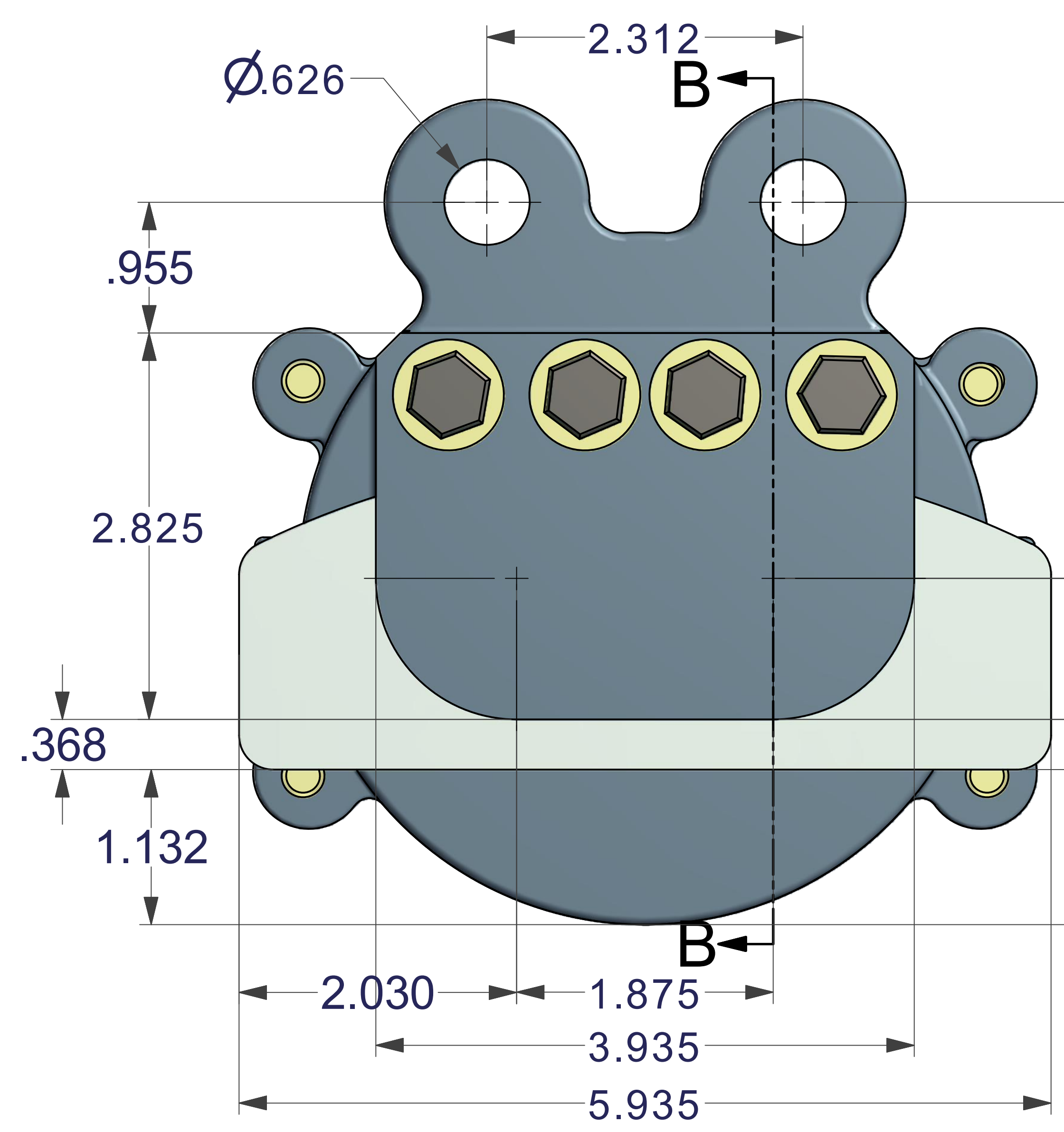
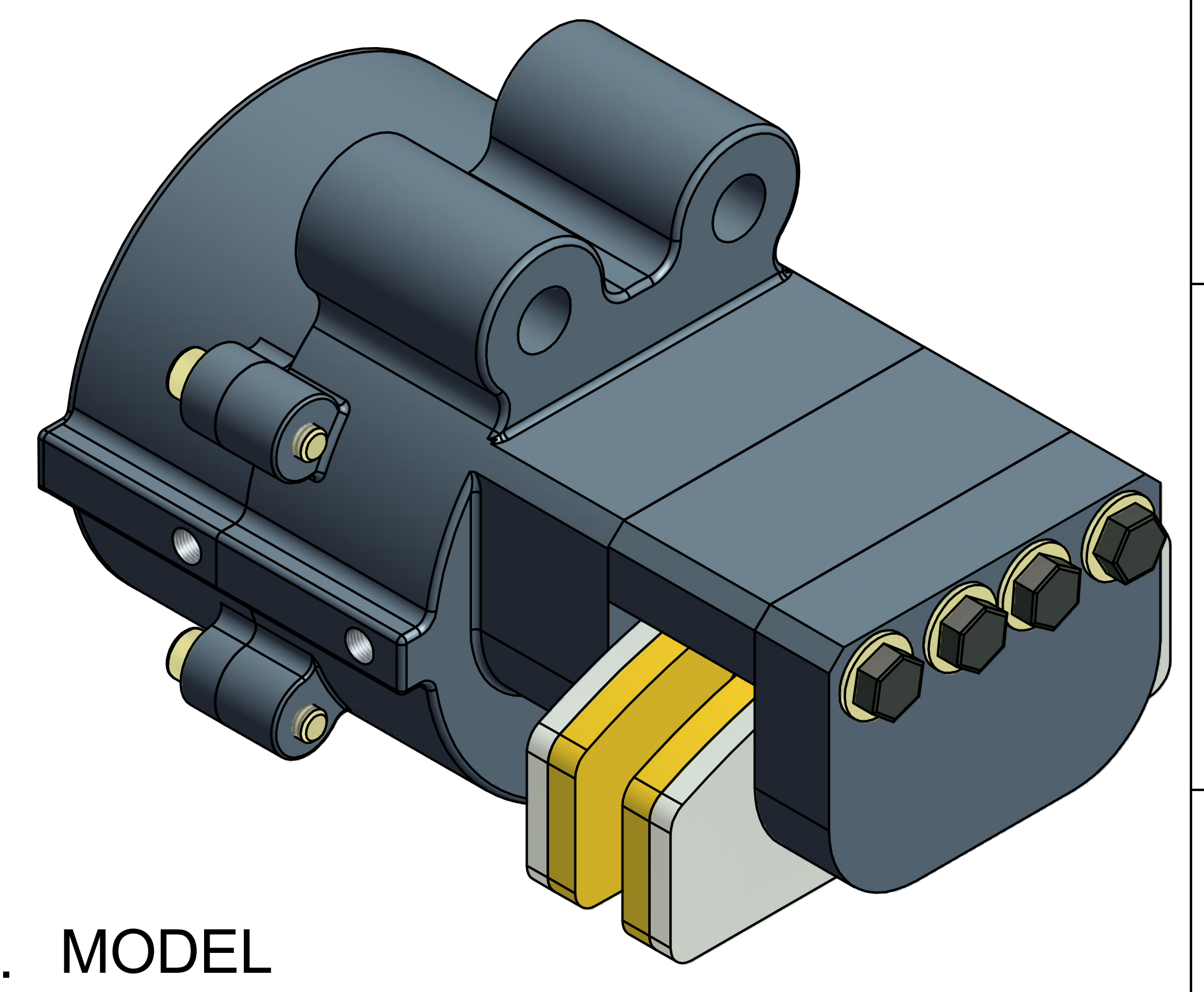


\* PFS200-EP SERIES BRAKES ARE FOR EMERGENCY STOP & HOLD APPLICATIONS ONLY.  
 \* SPACERS ARE AVAILABLE FOR OTHER DISC THICKNESSES.  
 \* TORQUE, IN. LBS. = TANGENTIAL FORCE, LBS. X BRAKING RADIUS, INCHES.  
 \* BRAKING RADIUS, INCHES = SQ. ROOT (DIM. 'C' SQUARED + .8789)  
 \* PORTING -- (3) 1/8-27 NPTF. ALL PORTS INTERCONNECTED.

TOTAL PAD WEAR, INCHES	TANGENTIAL FORCE, LBS.	DISC DIA.	DIM. 'C'	BRAKING RADIUS
0	929	12	5.033	5.120
.06	796	14	6.033	6.105
.12	663	16	7.033	7.095
.18	530	18	8.033	8.088
.24	397	20	9.033	9.082
.30	264	30	14.033	14.064
.36	131	40	19.033	19.056
.42	0	50	24.033	24.051

DISC THK.	DIM. 'A'	DIM. 'B'
5/32	1.395	.216
3/16	1.427	.247
1/4	1.498	.310
3/8	1.614	.435
1/2	1.739	.560
5/8	1.864	.685
3/4	1.989	.810
1.0	2.239	1.06
1.125	2.364	1.185

DISC THK.	PART NO.	MODEL
5/32	4005-0139	PFS200AF-EP
3/16	4005-0140	PFS200IF-EP
1/4	4005-0141	PFS200BF-EP
3/8	4005-0142	PFS200LF-EP
1/2	4005-0143	PFS200EF-EP
5/8	4005-0144	PFS200JF-EP
3/4	4005-0145	PFS200TF-EP
1.0	4005-0146	PFS200OF-EP
1.125	4005-0147	PFS200QF-EP



- \* 85 PSI RELEASE PRESSURE
- \* CAST ALUMINUM CONSTRUCTION
- \* 12.00 INCH MINIMUM DISC DIA.
- \* 2,064 LBS. OF CLAMPING FORCE
- \* .45 COFF. OF FRICTION
- \* DUEL BELLEVILLE DISC SPRING STACKS, 12 EA.
- \* NON ASBESTOS FRICTION MATERIAL
- \* 23.89 SQ. INCHES TOTAL PAD SURFACE AREA
- \* 7.72 CUBIC INCHES OF WEARABLE MATERIAL
- \* HARDCOATED HOUSINGS
- \* NITRILE SEALS

UNLESS OTHERWISE SPECIFIED: DO NOT SCALE DRAWING REMOVE ALL BURRS TAP DEPTHS FULL THD. DRILL DEPTHS FULL DIA.	THIRD ANGLE PROJECTION	DESIGNER	DATE	WC BRANHAM INC. RIVER FALLS, WI	
	TOLERANCES 2 PLACE +/- .010 3 PLACE +/- .005	WCB	12/26/10		TITLE PFS200-EP SERIES FAILSAFE CALIPERS
	THREADS EXTERNAL CLASS 2A INTERNAL CLASS 2B	CHECKER	DATE	DRAWING NO.	REVISION
	SCALE	CLASS		4005-0143	

SIZE  
**E**